MATERIALS, TOOLS AND SUPPLIES—Continued.

E. & A. G. CO.
(Tools.)

(Other Supplies.)

E. & A. GUNTHER CO.,
10 Wellington St., E.,
TORONTO, ONT.

(18-Size Superior.)

(18-Size Extra.)

(18-Size Standard.)

HAMPDEN WATCH CO.,
CANTON, O.

HARDINGE BROS.,
1034-1036 Lincoln Ave.,
CHICAGO, ILL.

ARROW *(Saws.)*
ECLIPSE *(Graver Sharpeners.)*
E. F. B. *(Gravers, Calipers.)*
EXCELSIOR *(Jewels, Balance Staffs, Screws.)*
FINIS *(Saws.)*
***GRAVIER** *(Mainsprings.)*
GUARANTEED *(Gravers.)*
JUNIOR *(Engraving Blocks.)*
KEYSTONE *(Engraving Blocks.)*
KING BEE *(Engraving Blocks.)*
LANCASTER *(Engraving Blocks, Gravers.)*
L. C. R. *(Calipers.)*
***LONGEVAL** *(Mainsprings.)*
MASCOT *(Pivot Drills, Pivot Drill Holders.)*
NATIONAL *(Staking Tools.)*
REX *(Pliers.)*
SUPERIOR *(Pivot Engraver.)*
TRUE BLUE *(Watch Glasses.)*
U. S. R. *(Mainsprings.)*
***UNICUS** *(Materials.)*
***UNIVERSAL** *(Movement Holders.)*
***ULYSSE SANDOZ ROBERT**
(Mainsprings.)

H. H. KAYTON,
Succeeded by
H. S. KRAMER,
51 Maiden Lane,
NEW YORK.

(Watch Glasses.)

HAMMEL, RIGLANDER & CO.,
35 Maiden Lane,
NEW YORK.

L. H. K. & CO.
(Tools, Materials.)

DAMASCUS

(Mainsprings.)

(Swiss Files.)
(Discontinued.)

L. H. KELLER & CO.,
64 Nassau St.,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before th firm's name it denotes that all the marks above the name have been registered.

MATERIALS, TOOLS AND SUPPLIES—Continued.

(*Solder.*)

KEYSTONE MFG. CO.,
LANCASTER, PA.

OUR GLORY
(*Mainsprings.*)

LEONARD KROWER,
536 Canal St.,
NEW ORLEANS, LA.

(*On Labels.*)

(*On Seals.*)
(*Watch and Clock Oils.*)

EZRA KELLEY,
NEW BEDFORD, MASS.

LEDOS MFG. CO.,
34 Pearl St.,
NEWARK, N. J.

(*Solder, Spectacle Soldering Blocks and Spectacle Screwdrivers.*)

KORONES BROS.,
38 Chrystie St.,
NEW YORK.

LAPP & FLERSHEM,
195 State St.,
CHICAGO, ILL.

SAFETY
(*Balance Staffs.*)

*GUSTAVE MEINERS & SON,
306 Washington St.,
HOBOKEN, N. J.

(*Mainsprings.*)

H. S. KRAMER,
51 Maiden Lane,
NEW YORK.

FULTON
(*Tools.*)

*MONTGOMERY & CO.,
105 Fulton St.,
NEW YORK.

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MATERIALS, TOOLS AND SUPPLIES—Continued.

GOLD

MEDAL.

(Files, Mainsprings and Musical Strings.)

S. F. MYERS CO.,
48-50 Maiden Lane,
NEW YORK.

IDEAL

(Mainsprings.)

NORDMAN BROS.,
134 Sutter St.,
SAN FRANCISCO, CAL.

(Findings.)

F. H. NOBLE & CO.,
Columbus Memorial Bldg.,
CHICAGO, ILL.

Wm. F. Nye

W. F. N.

(Watch and Clock Oils.)

WM. F. NYE,
NEW BEDFORD, MASS.

PYRAMID

(Mainsprings.)

CHAS. H. O'BRYON,
735 Sansom St.,
PHILADELPHIA, PA.

(Tools.)

W. W. OLIVER MFG. CO.,
1483 Niagara St.,
BUFFALO, N. Y

MERITAS

(Materials.)

HENRY PAULSON & CO.,
156 Wabash Ave.,
CHICAGO, ILL.

(Mainsprings.)

*ULYSSE PERRET,
RENAN, SWITZERLAND.

(Mainsprings.)

(Jewels, Balance Staffs and Watch Materials.)

H. B. P. & CO.

H. B. PETERS & CO.,
177 Broadway,
NEW YORK.

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MATERIALS, TOOLS AND SUPPLIES—Continued.

*ALBERT H. POTTER CO.,
GENEVA, SWITZERLAND.

PHOENIX
(Mainsprings.)
PHILIP PRESENT,
ROCHESTER, N. Y.

(Gold Solder.)
P. H. PURDY & CO.,
126 State St.,
CHICAGO, ILL.

DAMASCUS
(Mainsprings.)
REED-BENNETT CO.,
5th St., cor. Hennepin Ave.,
MINNEAPOLIS, MINN.

GOLDEN GUARANTEED KEYSTONE
(Mainsprings.)
L. C. REISNER & CO.,
LANCASTER, PA.

E. P. R. & CO.
(Jewelers' Tools.)

(Swiss Pattern Files.)

(Jewelers' Saws.)
(Discontinued.)
E. P. REICHHELM & CO.,
23 John St.,
NEW YORK.

R & D POLISH
(Metal Polish.)
*WILLIAM T. RICHMOND,
NEW YORK.
(Out of Business.)

SUCCESS
(Mainsprings.)
ROSENZWEIG BROS.,
51 Maiden Lane,
NEW YORK.

(Liquid Silver Polish.)
SCHUMANN'S SONS,
937 Broadway,
NEW YORK.

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MATERIALS, TOOLS AND SUPPLIES—Continued.

DIAMOND FOSSILITE
(Polishing Powder.)
*HENRY T. SIDWAY,
CHICAGO, ILL.

FRED. C. STEIMANN & CO.,
102 Fulton St.,
NEW YORK.

(Leaf and Powder Metal.)
*LUDWIG SPIEGELBERGER,
FURTH, GERMANY.

CHAMPION

(Watch Glasses.)

SWARTCHILD & CO.,
134 Wabash Ave.,
CHICAGO, ILL.

(Mainsprings, Pliers and Engraving Blocks.)

(Jewelers' Saws.)

(Mainsprings.)
SWEETSER-BENNETT CO.,
101 Tremont St.,
BOSTON, MASS.

(Mainsprings.)

(Swedish Pliers.)

(Mainsprings.)
SUSSFELD, LORSCH & CO.,
37-39 Maiden Lane,
NEW YORK.

(Watch Springs.)

(Balance Wheels.)
*USINE GENEVOISE DE DÉGROSSISSAGE D'OR,
GENEVA, SWITZERLAND.

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MATERIALS, TOOLS AND SUPPLIES—Continued.

PEERLESS
(*Mainsprings.*)
(*Discontinued.*)
B. & L. VEIT,
13 Maiden Lane,
NEW YORK.

FAVORENE
(*Gold Solder.*)

KLENZENE
(*Cleaning Fluid.*)
WAYNE JEWELRY CO.,
FORT WAYNE, IND.

LAFAYETTE

*
(*Mainsprings.*)
HENRY ZIMMERN & CO.,
47 Maiden Lane,
NEW YORK.

HOPKINS
(*Watchmakers' Lathes.*)
WALTHAM WATCH TOOL CO.,
SPRINGFIELD, MASS.

MUSICAL BOXES.

IDEAL
MIRA
PEERLESS
***STELLA**
MERMOD FRERES,
STE. CROIX, SWITZERLAND.
JACOT MUSIC BOX CO., Agents,
39 Union Square,
NEW YORK.

MELO-TON
REGENT
(*Pianos and Musical Instruments.*)
S. F. MYERS & CO.,
48-50 Maiden Lane,
NEW YORK.

REGINA
(*Musical Boxes.*)
*REGINA MUSIC BOX CO.,
11 E. 22d St.,
NEW YORK.

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PRECIOUS AND IMITATION STONES.

CROWN JEWEL
ISABELLA BRILLIANT
JAEGER BRILLIANT
***THE CYPRESS GEM**
THE 40 FACT BRILLIANT

JOHN F. ALLEN,
212 Union St.,
PROVIDENCE, R. I.

VOLTAIC

*B. E. ARONS,
205 Smithfield St.,
PITTSBURG, PA.

(Cut on Turquoise.)

*AZURE MINING CO.,
170 Broadway,
NEW YORK.

A. C. BARD & CO.,
103 State St.,
CHICAGO, ILL.

(Discontinued.)

BENEDICT & WARNER,
21 Maiden Lane,
NEW YORK.

AMBER GEM
CERULEAN GEM

(Both Discontinued.)

BUGBEE & NILES CO.,
NORTH ATTLEBORO, MASS.

THE BIRMAH BRILLIANT
THE CASPIAN GEM

(Both Discontinued.)

*GEORGE H. CAHOONE & CO.,
7 Beverly St.,
PROVIDENCE, R. I.

ADAMANTA

(Discontinued.)

CHAMPENOIS & CO.,
50 Walnut St.,
NEWARK, N. J.

(Imitation Pearls.)

J. A. DEKNATEL & SON,
26 Howard St.,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

PRECIOUS AND IMITATION STONES—Continued.

DORST & CO.,
Fifth and Elm Sts.,
CINCINNATI, O.

Copyright, 1895, by

*GOODFRIEND BROTHERS,
13 Maiden Lane,
NEW YORK.

VENEZUELAN GEM

*WM. R. DUTEMPLE & CO.,
227 Eddy St.,
PROVIDENCE, R. I.

MONROE ENGELSMAN,
65 Nassau St.,
NEW YORK.

THE GOLCONDA GEM

R. L. GRIFFITH & SON CO.,
144 Pine St.,
PROVIDENCE, R. I.

*

ELECTRICAL DIAMOND

ESSER & BARRY,
101 Sabin St.,
PROVIDENCE, R. I.

JAGERS

CHAS. E. HANCOCK CO.,
7 Beverly St.,
PROVIDENCE, R. I.

X

(Cut on Turquoise.)

GEM TURQUOISE AND COPPER CO.,
37-39 Maiden Lane,
NEW YORK.

DAMARA GEMS
EAGLE JEWEL BOX
EXCELSIOR BRILLIANTS
PERFECTION HALF-PEARLS
SOLAR OPALS

L. HELLER & SON,
51 Maiden Lane,
NEW YORK.

SARYTA-KORA DIAMONDS

*FRANK J. GOLDSOLL,
NEW YORK.
(Out of Business.)

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PRECIOUS AND IMITATION STONES—Continued.

COLUMBIAN GEM

HERMANN & CO.,
51 Maiden Lane,
NEW YORK.

(Cut on Turquoise.)

HIMALAYA MINING CO.,
52 Nassau St.,
NEW YORK.

ISIS

*JUERGENS BROS.,
83 Chambers St.,
NEW YORK.

*E. E. KIPLING,
NEW YORK.
(Out of Business.)

KARA

WM. LOEB & CO.,
101 Sabin St.,
PROVIDENCE, R. I.

COLUMBIAN
JUBILEE
LEADER

LEEDER & BERNKOPF,
86 Dorrance St.,
PROVIDENCE.

LISSAUER & CO.,
12 Maiden Lane,
NEW YORK.

AFRICAN GEM
CAPETOWN GEM
KIMBERLY GEM
SUMATRA GEM

ALBERT LORSCH & CO.,
37 Maiden Lane,
NEW YORK.

MARTIN LOW & TAUSSIG,
152 Weybosset St.,
PROVIDENCE, R. I.

DIAMANTA GEM
R. L. M. & CO.
THE JURA GEM
THE NEW CENTURY

*R. L. MOORHEAD & CO.,
92 Westfield St.,
PROVIDENCE, R. I.

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PRECIOUS AND IMITATION STONES—Continued.

EGERIA

*NICHOLSON & WAY,
NEW YORK.
(Out of Business.)

DIAMONETTE

REGNELL, BIGNEY & CO.,
ATTLEBORO, MASS.

JOS. NOTERMAN & CO.,
509 Race St.,
CINCINNATI, O.

*RIPLEY-HOWLAND MFG. CO.,
21 Bromfield St.,
BOSTON, MASS.

*HENRY E. OPPENHEIMER & CO.,
12 Maiden Lane,
NEW YORK.

*F. H. SADLER & CO.,
ATTLEBORO, MASS.

★PAOLA
(Discontinued.)

*D. C. PERCIVAL & CO.,
373 Washington St.,
BOSTON, MASS.

(Artificial Pearls.)

*FERD. SCHMETZ,
AIX-LA-CHAPELLE, GERMANY.

RAYSTONE

*RAYSTONE JEWEL COMPANY,
264 Main St.,
PATERSON, N. J.

KIMBERLY
SOUTH AFRICAN GEM

G. H. SCHREIBER & CO.,
PROVIDENCE, R. I.
(Out of Business.)

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PRECIOUS AND IMITATION STONES—Continued.

(Discontinued.)

A. G. SCHWAB & BRO.,
25 E. 5th St.,
CINCINNATI, O.

The Jagersfontein, REG'D.

E. L. SPENCER & CO.,
53 Aborn St.,
PROVIDENCE, R. I.

(Cut on Turquoise.)

Star-Crescent.

L. TANNENBAUM & CO.,
52 Nassau St.,
NEW YORK.

T

(Cut on Turquoise.)

TOLTEC GEM MINING CO.,
1 Maiden Lane,
NEW YORK.

TWENTIETH CENTURY

(Diamonds.)

DAVID C. TOWNSEND & CO.,
170 Broadway,
NEW YORK.

VENEZUELAN CRYSTAL

*WILLIAMS & PAYTON,
59 Page St.,
PROVIDENCE, R. I.

CHAS. F. WOOD & CO.,
1 Maiden Lane,
NEW YORK.

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EBONY, IVORY AND SHELL.

A

(Ebony Goods.)

J. B. ASH,
ROCKFORD, ILL.

The Clingtooth
Trade Mark

(Shell Goods.)

ALLEN, SMITH & THURSTON CO.,
ATTLEBORO, MASS.

TORTONE

B

Non-Breakable.

E. & J. BASS,
573 Broadway,
NEW YORK.

D
TRADE MARK

DEITSCH BROS.,
14 E. 17th St.,
NEW YORK.

EBONOID

J. C. DOWD & CO.,
475 Broadway,
NEW YORK.

FLORENTINE SHELL.

(Horn and Celluloid Goods.)

THOMAS LONG CO.,
39-41 Summer St.,
BOSTON, MASS.

PEARSHELL

JOHNSON, HAYWARD & PIPER CO.,
590 Broadway,
NEW YORK.

TORTOISENE

(Imitation Tortoise Shell.)

*HARRY MAYNARD,
WASHINGTON, D. C.

(Out of Business.)

X. L.

(Tortoise Shell.)

(Discontinued.)

SINNOCK & SHERRILL,
21-23 Maiden Lane,
NEW YORK.

Wm. K. POTTER,
TORTOISE SHELL WORKS PROV. R.I.
TRADE MARK.

PROVIDENCE SHELL WORK
S.F.K.
TRADE MARK

*

PROVIDENCE SHELL WORKS,
PROVIDENCE, R. I.

CT

(Ebony Goods.)

CHAS. L. TROUT & CO.,
15 Maiden Lane,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

All progressive jewelers sell fountain pens. Waterman's Ideal are especially designed for this trade.

Acknowledged, Standard of the World; the most perfect writing instrument of the present age.

This is the fountain pen that gives satisfaction, most widely known, and consequently the easiest to sell. Prices maintained. Profits assured. Made in many fancy designs, including sterling silver and solid gold.

The Spoon Feed is the connecting duct between the reservoir and the nib. It utilizes the law of capillary attraction so that the ink flows to the point the second the nibs touch the paper. No pen is perfect without the Spoon Feed. No pen has it but Waterman's Ideal. Beware of substitutes and imitations.

See imprint on holder
Waterman's Ideal Fountain Pen
Globe protects you against imitation.

L. E. WATERMAN CO.,

173 Broadway, New York,

Waterman Building.

12 GOLDEN LANE, LONDON,
Koh-i-noor House.

FOUNTAIN PENS, PENS, PENCILS, ETC.

NOTE—All the marks under this heading, not specifically designated otherwise, are stamped on fountain pens.

IMPERIAL
MERCANTILE
PARAGON

J. B. DAVIS & CO.
(Gold Pens.)

L. JACKSON & CO.
(Gold Pens.)

AIKIN, LAMBERT & CO.,
19 Maiden Lane,
NEW YORK.

MOORE'S NON LEAKABLE
TOURIST

AMERICAN FOUNTAIN PEN CO.,
168 Devonshire St.,
BOSTON, MASS.

ST. GEORGE

(Discontinued.)

THE AMERICAN
(Discontinued.)

ARMENY & MARION,
90 Nassau St.,
NEW YORK.

ACME

M. J. AVERBECK,
19 Maiden Lane,
NEW YORK.

NEW **YORK**

E. & J. BASS,
573 Broadway,
NEW YORK.

CHAMPION
(Stylographic Pens.)

FALCON
RIVAL

D. W. BEAUMEL,
45 John St.,
NEW YORK.

ARMY AND NAVY
RECORD
SECURITY
THE JOHN HANCOCK
THE KING
THE LEADER

AUTO-NEEDLE
(Stylographic Pen.)

BLAIR'S FOUNTAIN PEN CO.,
163 Broadway,
NEW YORK.

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FOUNTAIN PENS, PENS, PENCILS, ETC.—Continued.

(Gold Pens and Fountain Pen Holders and on Stationery.)

DAINTY
DASHAWAY
EASY
SAFETY

CAW'S PEN AND INK CO.
46 Vesey St.,
NEW YORK.

***CENTURY**
NATIONAL
VICTORY

THE CENTURY PEN CO.,
WHITEWATER, WIS.

DEWEY

COLONIAL PEN CO.,
BOSTON, MASS.

CONKLIN'S SELF-FILLING PEN

CONKLIN SELF-FILLING PEN CO.,
620 Madison St.,
TOLEDO, OHIO.

THE CROCKER

SETH S. CROCKER,
BRIDGEWATER, MASS.

A. T. CROSS,
53 Warren St.,
PROVIDENCE, R. I.

PROTECTOR

DIAMOND POINT PEN CO.,
102 Beekman St.,
NEW YORK.

DOLL IDEAL

W. F. DOLL MFG. CO.,
175 Broadway,
NEW YORK.

DRAKE

F. H. DRAKE,
7 S. 10th St.,
PHILADELPHIA, PA.

MANHATTAN
(14K.)
PERFECT
(14K.)
STANDARD
(*Gold Pen*, 10K.)
DURYEA
(*Gold Pen*, 14K.)

DURYEA CO.,
32 Maiden Lane,
NEW YORK.

READY

EAGLE PENCIL CO.,
377 Broadway,
NEW YORK.

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FOUNTAIN PENS, PENS, PENCILS, ETC.—Continued.

UNIQUE

(*Silver and Gold Pencils.*)

FAIRCHILD

(*Gold Plated Pencils, etc.*)

FAIRCHILD & JOHNSON CO.,
225 Fourth Ave.,
NEW YORK.

THE WRITERIGHT PEN TRADE MARK.

JOHN FOLEY, JR.,
6 Astor House,
NEW YORK.

KIMBERLY
MODEL

GEO. P. GAYDOUL,
17 John St.,
NEW YORK.

NEVERFAIL

ALFRED GUMBINNER & CO.,
415 Broadway,
NEW YORK.

HEATH'S TRIBUNE
HEATH'S THAMES

GEO. W. HEATH & CO.,
Cor. Thames and Greenwich Sts.,
NEW YORK.

EXCELLO

R. J. HILLINGER & CO.,
133 Wabash Ave.,
CHICAGO, ILL.

FOUNTAGRAPH
JOHN HOLLAND
PARAGOLD
UNIVERSITY

(*The following names on Stylographic Pens:*)

M'KINNON
ROYAL
VICTOR

THE JOHN HOLLAND GOLD PEN CO.,
127-129 E. 4th St.,
CINCINNATI, O.

(*Gold Pens.*)

E. S. JOHNSON & CO.,
178 Broadway,
NEW YORK.

HUSTLER
LAPHAM'S RIVAL

D. W. LAPHAM,
130 Fulton St.,
NEW YORK.

BANNER
LAKESIDE
REMINGTON

LAPP & FLERSHEM,
195 State St.,
CHICAGO, ILL.

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FOUNTAIN PENS, PENS, PENCILS, ETC.—Continued.

LAUGHLIN
LAUGHLIN NEW DEPARTURE
LAUGHLIN MFG. CO.,
157 Griswold St.,
DETROIT, MICH.

LUCKY CURVE
GEO. S. PARKER,
JANESVILLE, WIS.

POST SELF-FILLING
THE RELIANCE TRADING CO.,
120-124 W. 14th St.,
NEW YORK.

SWAN
(The following on Gold Pens:)
JOHN M'GOVERN
(10K.)
MABIE, TODD & CO.
(14K.)
LEVI BROWN
(10K.)
MABIE, TODD & BARD,
130 Fulton St.,
NEW YORK.

AUTO PEN
SANFORD & BENNETT,
51 Maiden Lane,
NEW YORK.

MONARCH FOUNTAIN PEN
MONARCH FOUNTAIN PEN CO.,
TOLEDO, OHIO.

SELF
SELF-FOUNTAIN PEN CO.,
TOLEDO, O.

MORTON
(Gold Pens.)
JAMES MORTON,
25 Maiden Lane,
NEW YORK.

KEYSTONE
SOPER & SIEVEWRIGHT,
NEW YORK.
(Out of Business.)

HERBERT
LAUREL
S. F. MYERS CO.
S. F. MYERS CO.,
48-50 Maiden Lane,
NEW YORK.

KLIO
SPENCERIAN PEN CO.,
349 Broadway,
NEW YORK.

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FOUNTAIN PENS, PENS, PENCILS, ETC.—Continued.

STANDARD

STERLING FOUNTAIN PEN CO.,
BOSTON, MASS.

Wm. F
N. Y
UTTER

WM. F. UTTER,
12 John St.,
NEW YORK.

PARAGON
PEERLESS
SCHOLAR'S COMPANION
TRAVELER
TRIUMPH
UNIVERSAL

EDWARD TODD & CO.,
208 Fifth Ave.,
NEW YORK.

EVERY DAY
HORTON
LINCOLN
MIDDLEJOINT
MODERN
NEW LINCOLN

(The following names have been discontinued:)

RELIABLE
STANDARD
STERLING

A. A. WATERMAN & CO.,
22 Thames St.,
NEW YORK.

INDEPENDENT
JUCO

(The following on Stylographic Pens:)

INDEPENDENT
JUCO
KOMPETEER
VULCAN

J. ULLRICH & CO.,
Cor. Thames and Greenwich Sts.,
NEW YORK.

Waterman's Ideal Fountain Pen

PENANINK
REMEX
WATERMAN IDEAL, N. Y.

L. E. WATERMAN CO.,
173 Broadway,
NEW YORK.

DANIEL WEBSTER

THE WEBSTER PEN CO.,
37-39 Maiden Lane,
NEW YORK.

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FOUNTAIN PENS, PENS, PENCILS, ETC.—Continued.

WEIDLICH

O. E. WEIDLICH,
5th and Sycarpote Sts.,
CINCINNATI, O.

THE WRIGHT
THE WRIGHT PEN CO.

WM. WEIDLICH & BRO.,
614 Locust St.,
ST. LOUIS, MO.

WIRT

*PAUL E. WIRT PEN CO.,
BLOOMSBURG, PA.

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OPTICAL GOODS.

A. O. CO.
(8K. *Gold.*)

A. O. CO
(10K. *Gold.*)

A. O. CO. 14K.
(14K. *Gold.*)

(1-30 10K. *Gold Filled.*)

(1-20 10K. *Gold Filled.*)

(1-10 10K. *Gold Filled.*)

(1-10 14K. *Gold Filled.*)

(1-8 14K. *Gold Filled.*)

(1-10 12K. *Gold Filled.*)

(1-10 10K. *Patented Styles.*)

(1-10 14-K. *Patented Styles.*)

(1-8 14K. *Patented Styles.*)

COIN
(*Silver.*)

(*Steel.*)

A. O. CO.
(*Trial Sets and Frames.*)

(*Lenses.*)

(*Spectacle Cases.*)

A. O. CO.
(*Machinery.*)

(*Ajax Strap.*)

PAT
FEB 21. 89
OCT 9. 00

(*Tags.*)

ALUMNICA
ALUMNICO
ALUMNICO PAT.
ALUMNICOID
PLATINOID
REGALOID
ROMAN ALLOY

*AMERICAN OPTICAL CO.,
SOUTHBRIDGE, MASS.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the m's name it denotes that all the marks above the name have been registered.

OPTICAL GOODS—Continued.

INVISIBLE
(Bifocal Eyeglass and Spectacle Lenses.)
JOHN QUINCY ADAMS,
PHILADELPHIA, PA.

A
BENJ. ALLEN & CO.,
133 Wabash Ave.,
CHICAGO, ILL.

*AUTOMATIC SIGHT TESTING AND OPTICAL SUPPLY CO.,
LONDON, ENGLAND.

AMERICAN SPECTACLE CO.,
177-179 Broadway,
NEW YORK.

(Opera Glasses.)
LEMAIRE
J. B. A. BAILLE,
26 Rue Oberkampf,
PARIS, FRANCE.

B. & L. O. CO.
PLASTIGMAT
(Objectives.)
BAUSCH & LOMB OPTICAL CO.,
ROCHESTER, N. Y.

B. S. O.
(On Stationery and Tags.)
*BAY STATE OPTICAL CO.,
ATTLEBORO, MASS.

SILVERNUM
(Spectacle Frames.)
BA 'LESS JEWELRY CO.,
LITTLE ROCK, ARK.

*F. BENOIST & I. BERTHIOT,
PARIS, FRANCE.

ECLIPSE
(Cases.)
WM. BIRMINGHAM & CO.,
4054 Haverford Ave.,
PHILADELPHIA, PA.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

OPTICAL GOODS—Continued.

L. BLACK CO.,
156 Woodward Ave.,
DETROIT, MICH.

*WM. B. BROWN OPTICAL CO.,
22 W. Lexington St.,
BALTIMORE, MD.

EMACULINE

BROWN & BURPEE,
MANCHESTER, N. H.

REFLECTOGRAPH

*JAMES EDWARD BLACKMORE,
NEWARK, N. J.

RETFO

(*Lenses.*)

*CHINN-BERRETTA OPTICAL CO.,
991 Market St.,
SAN FRANCISCO, CAL.

BONSCHUR

BONSCHUR & HOLMES,
1533 Chestnut St.,
PHILADELPHIA, PA.

GLARE SHADE

CLAFLIN OPTICAL CO.,
WASHINGTON, D. C.

(*Nose Guards and Eyeglasses.*)

U. S. GUARD
U. S. TEMPLE

BORSCH & CO.,
103 Adams St.,
CHICAGO, ILL.

(*Binoculars.*)

EMILE COLMONT,
PARIS, FRANCE.

CRITERION

*J. B. COLT & CO.,
NEW YORK.
(*Out of Business.*)

BROOKS OPTICAL CO.,
6th and Pine Sts.,
ST. LOUIS, MO.

REVLUC

*GEORGE CULVER, LTD.,
101 White Lion St.,
PENTONVILLE, LONDON, ENGLAND.

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OPTICAL GOODS—Continued.

*JACOB DIAMOND,
132 6th St.,
PITTSBURGH, PA.

LASSO
(Guards.)

FOX
(Guards.)

FOX OPTICAL CO.,
1801 Chestnut St.,
PHILADELPHIA, PA.

AQUA CRYSTAL

S. & S. DRUIFF,
NEW YORK.
(Out of Business.)

J. F. & B.

JOS. FRIEDLANDER & BRO.,
8 Maiden Lane,
NEW YORK.

DUPAUL YOUNG OPTICAL CO.,
SOUTHBRIDGE, MASS.

S GALESKI OPTICAL CO..
RICHMOND, VA.

ELY
(Springs, Guards and Patent Adjustable Disks.)

WM. H. ELY & CO.,
MIDDLETOWN, CONN.

*GALL & LEMBKE,
21 Union Sq.,
NEW YORK.

*FELLOWS, HOLMES & CLAPP,
NEW YORK.
(Out of Business.)

***CRYSTAL**
PARABOLA
SUPERIOR QUALITY
(Lenses.)

GENEVA OPTICAL CO.,
69 Washington St.,
CHICAGO, ILL.

(Discontinued.)

*E. S. & W. S. FOWLER,
96 State St.,
CHICAGO, ILL.

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OPTICAL GOODS—Continued.

***KO-KEL**

W. T. GEORGEN CO.,
32 E. 23d St.,
NEW YORK.

CORONA CAMERAS

WIZARD
(Lenses.)

GUNDLACH-MANHATTAN OPTICAL CO.,
ROCHESTER, N. Y.

ETOILE
LA LORRAINE
LE SOUVRAIN
PREMIERE
VENDOME
(All Above on Opera Glasses.)

LAMIER
(Discontinued.)

BLANK'S PATENT
(Opera and Field Glasses as applied to manufactures of Lemaire, Paris, and on Rimless Reading Glasses.)

HAMMEL, RIGLANDER & CO.,
35 Maiden Lane,
NEW YORK.

(Extra Finished Solid Gold Frame or Mounting.)

(Gold Filled 1/8 14K. Frame or Mounting.)

HARDY
F. A. HARDY & CO.
(Gold Filled 1/10 10K. Frame or Mounting.)

PLATINOID
(Extra Finished Non-Tarnishable Frame or Mounting.)

F. A. HARDY & CO.,
131-137 Wabash Ave.,
CHICAGO, ILL.

*A. K. HAWKES.
ATLANTA, GA.

*LOUIS B. HILBORN,
755 Broad St.,
NEWARK, N. J.

(Thermometers.)

*R. HOEHN CO.,
82 Chambers St.,
NEW YORK.

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OPTICAL GOODS—Continued.

*HIRSCHBERG OPTICAL CO.,
318 N. 6th St.,
ST. LOUIS, MO.

*J. B. JACQUEMIN FRÈRES.
LONDON, ENGLAND.

PEERLESS
(Mountings.)

J. M. & A. C. JOHNSTON CO.,
84 Wabash Ave.,
CHICAGO, ILL.

(Heart Shape End.)

(Eyeglass Frames.)

*JOHNSTON OPTICAL CO.,
66 State St.,
DETROIT, MICH.

*HENRY KAHN & CO.,
642 Market St.,
SAN FRANCISCO, CAL.

***ANCHOR**
ANCHOR GUARD
BOSS
C. O. D.
CAN'T SHAKE 'EM OFF
***CITY**
DAISY
ELITE
GRAB
I. X. L.
ILLUMINATOR
KING
LA FAVORITA
LA TOUR
LUMIERE
MERVEILLE ET CIE.
NO. 76
ORBITAL GRIP
ROYAL TINT
SILVER NOSE
TYPOSCOPE
***76**

(Eyeglasses.)

LA CORONA
SANITARY ANCHOR GUARD

JULIUS KING OPTICAL CO.,
2 and 4 Maiden Lane,
NEW YORK.

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OPTICAL GOODS—Continued.

ECLIPSE
(Lenses.)
H. C. KACHLIN,
LAFAYETTE, IND.
(Out of Business.)

IDEAL
KIRWAN
KORDIAN, JR.
LLOYD
MODEL
PRENTICE
(All Above on Cases.)

OSO
(Guards.)

LITTLE BEAR-ON
(Patent Spectacles.)

SHUR-ON
(Eyeglasses.)

(Lenses.)

(Cases.)

(Discontinued.)
E. KIRSTEIN'S SONS CO.,
ROCHESTER, N. Y.

(Discontinued.)

LE MAIRE'S ROCK CRYSTAL
KAYTON'S WHITE CRYSTAL
(Lenses.)
H. S. KRAMER,
51 Maiden Lane,
NEW YORK.

(Spectacle and Eyeglass Frames.)
LEONARD KROWER,
536 Canal St.,
NEW ORLEANS, LA.

MARQUE DE FABRIQUE
*J. B. LAURENCOT,
NEW YORK.
(Out of Business.)

(Opera Glasses.)
FLAMMARION
LA JÉNA
*ARTHUR LEVY,
PARIS, FRANCE.

L. W. LEVY & CO.,
194 Broadway,
NEW YORK.

ACRATED SUCTION GUARD
J. E. LIMEBURNER CO.,
1702 Chestnut St.,
PHILADELPHIA, PA.

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OPTICAL GOODS—Continued.

LENS LOCK

*ANDREW J. LLOYD & CO.,
319 Washington St.,
BOSTON, MASS.

***AUROCONE PNEUMATIC**
(Trial Frame.)

(On Frames.)
MARSHUTZ OPTICAL CO.,
133 S. Spring St.,
LOS ANGELES, CAL.

ROYAL
(Guards.)
*MERRY OPTICAL CO.,
1009-1011 Walnut St.,
KANSAS CITY, MO.

*FRANCIS W. McALLISTER & CO.,
3 N. Charles St.,
BALTIMORE, MD.

E. B. MEYROWITZ,
104 E. 23d St.,
NEW YORK.

KACHOO GUARDS
McINTIRE, MAGEE & BROWN,
723 Sansom St.,
PHILADELPHIA, PA.

FINCH RIGID SPRING
(Eyeglasses.)
THE MEYROWITZ MFG. CO.,
104 E. 23d St.,
NEW YORK.

M. O. CO.
MICHIGAN OPTICAL CO.,
83 Beacon St.,
DETROIT, MICH.

ALASKA PEBBLES

MONOGRAM
(Gold Filled Frames and Chains.)
MARK MILLER,
86 Nassau St.,
NEW YORK.

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OPTICAL GOODS—Continued.

MILWAUKEE

MILWAUKEE OPTICAL MFG. CO.,
Wells Building,
MILWAUKEE, WIS.

WORLD'S FAIR

*BARNHART MINCER,
MARION, O.
(Out of Business.)

CLIMAX
IMPERIAL
ROYAL

*MORGAN & HEADLY CO.,
PHILADELPHIA, PA.
(Out of Business.)

(Artificial Eyes.)

*F. A. MÜLLER SÖHNE,
WIESBADEN, GERMANY.

FARANEER
NEERANFAR
(Lenses.)

*THEODORE MUNDORFF,
1167 Broadway,
NEW YORK.

BANENE
MURINE
(Eye Remedies.)

MURINE EYE REMEDY CO.,
CHICAGO, ILL.

(Eyeglasses and Spectacles.)

LENOX
CHELSEA
(On Cameras.)

S. F. MYERS CO.,
48 50 Maiden Lane,
NEW YORK.

(Gold Filled Spectacles and Eyeglasses.)

NONZOLITIN
ROYAL ALLOY

NATIONAL OPTICAL CO.,
11th and Mifflin Sts.,
PHILADELPHIA, PA.

AMPLISCOPE
(Lenses.)

*U. NEHRING,
16 E. 42d St.,
NEW YORK.

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OPTICAL GOODS—Continued.

HOLDFAST
(Guards.)

ALL RIGHT
(Eyeglass Springs and Guards.)

EXCELSIOR
(Hand Lens Drill.)

NEW YORK MUTUAL OPTICAL CO.,
9-11-13 Maiden Lane,
NEW YORK.

GOODYEAR
(Gold Filled Frames.)

NORRIS, ALISTER & CO.,
134 Wabash Ave.,
CHICAGO, ILL.

(Eye-Guards and Protectors.)

*NOUS VERRONS CO.,
BOSTON, MASS.

I. C.

*OTTUMWA OPTICAL CO.,
OTTUMWA, IA.
(Out of Business.)

XRAY

*JAMES W. PATTERSON,
NEW YORK.
(Out of Business.)

PECTO

*WILLIAM E. PECK & CO.,
100 William St.,
NEW YORK.

AJAX

PENNSYLVANIA OPTICAL CO.,
230 Penn St.,
READING, PA.

LE MIEUX

*D. C. PERCIVAL & CO.,
373 Washington St.,
BOSTON, MASS.

OPTIMUS

*PERKEN, SON & RAYMENT,
LONDON, ENGLAND.

*PHILADELPHIA OPTICAL & WATCH CO.,
PHILADELPHIA, PA.
(Out of Business.)

WEHGES

*THE PHOTO-OPTICAL CO.,
33 Haymarket,
LONDON, ENGLAND.

*CHARLES F. PRENTICE,
178 Broadway,
NEW YORK.

QUEEN & CO.,
1010 Chestnut St.,
PHILADELPHIA, PA.

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OPTICAL GOODS—Continued.

SCREW LOCK
(Eyeglass Guards.)
RED CROSS OPTICAL CO.,
364 Washington St.,
BOSTON, MASS.

ALLUMINO
ALUMA
ALUMINUM ALLOY
ALUMNO
***AUDEMAIR**
AUDEMAIR SPECIAL
AZURLINE
CHRYSOLITE
CRYSTAL
EXPANSIBLE
GOLDOIN
NON-CLIMATIC
NON-CORROSIVE
PLATINIMUM
QUEEN'S ALLOY
SILVEROIN

X LAMAYRE X
PARIS.

TRADE MARK *

TRADE MARK *

*

SUPERIOR TRADE MARK S. O. M. CO.

SP

(Spectacle Frames.)
RICHARD A. SCHNELL,
61 Nassau St.,
NEW YORK.

S R

AUDEMAIR

(Discontinued.)
LE MEILLEURE
LEROQUE, PARIS
MAXIMA
OPALINE
U. S. ARMY
U. S. MARINE
U. S. SIGNAL
(Opera and Field Glasses.)
CLIMAX
S. O. M. CO.
SPENCER
(Patent Eye Wire.)
FEATHER WEIGHT
SAFETY
S. O. CO.
THE OPTICIAN'S OWN
THE VICTORY
UNIVERSAL

S

SPENCER OPTICAL CO.,
15 Maiden Lane,
NEW YORK.

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OPTICAL GOODS—Continued.

***COLLEGE D'OPTIQUE**
EAGLE
ECLIPSE
LA FAVORITE
LE MAITRE
(Discontinued.)

JOHN SCHEIDIG & CO.,
43 Maiden Lane,
NEW YORK.

GLOBE

*A. SCHWEIZER,
FURTH, BAVARIA, GERMANY.

GRIP GUARD

M. E. STERN,
36 John St.,
NEW YORK.

(Opera and Marine Glasses.)

*SUSSFELD, LORSCH & CO.,
37-39 Maiden Lane,
NEW YORK.

TILTON OPTICAL CO.,
TILTON, N. H.

TORIC
(12K. Gold Filled Frames and Guards.)

TORIC OPTICAL CO.,
32 E. 23d St.,
NEW YORK.

V. O. I. CO.

*VULCANITE OPTICAL INSTRUMENT CO.,
NEW YORK.

WEDGE
(Mountings.)

WEDGE MOUNTING CO.,
833 Arch St.,
PHILADELPHIA, PA.

WILLIAMS, BROWN & EARLE,
918 Chestnut St.,
PHILADELPHIA, PA.

(Discontinued.)

*T. A. WILLSON & CO.,
READING, PA.

(Filled Frames.)

W. O. CO.

WINSTED OPTICAL CO.,
WEST WINSTED, CONN.

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OPTICAL GOODS—Continued.

SPECTALETTE

*JOHN JAMES WOOD,
LIVERPOOL, ENGLAND.

PLANAR
PROTAR
UNAR

*FIRM OF CARL ZEISS,
JENA, GERMANY.

*OTTO YOUNG & CO.,
149 State St.,
CHICAGO, ILL.

F. Z.
(Spectacle Frames.)
(Stamped in Bridge.)

FELIX ZADEK,
75-77 Nassau St.,
NEW YORK.

M. ZINEMAN & BRO.,
21 N. 11th St.,
PHILADELPHIA, PA.

LEATHER GOODS.

A. & E. LEATHER GOODS CO.,
419 Broome St.,
NEW YORK.

COHN MFG. CO.,
51 Maiden Lane,
NEW YORK.

DIAMOND DEE

(Discontinued.)

J. J. COHN,
49 Maiden Lane,
NEW YORK.

*DEITSCH BROS.,
14 E. 17th St.,
NEW YORK.

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LEATHER GOODS—Continued.

HERRMANN & CO.,
NEW YORK.
(Out of Business.)

(On Stationery.)
P. W. LAMBERT & CO.,
64-66 Lispenard St.,
NEW YORK.

LOUIS W. HRABA,
29 E. 19th St.,
NEW YORK.

LANGFELD BROS. & CO.,
530 Broadway,
NEW YORK.

★ K ★
A. KIERSKY,
NEW YORK.
(Out of Business.)

★R★K★
ROSS & KAHN CO.,
52 Marion St.,
NEW YORK.

K. & K.
KRAUS & KRAGEL,
Succeeded by
KRAUS & JANTZEN,
170 Fifth Ave.,
NEW YORK.

C. F. RUMPP & SONS,
5th and Cherry Sts.,
PHILADELPHIA, PA.

KRAUS & JANTZEN,
170 Fifth Ave.,
NEW YORK.

G. A. WEBSTER,
66 Wabash Ave.,
CHICAGO, ILL.

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AMERICAN CUT GLASS.

(*Labels.*)

C. G. ALFORD & CO.,
192 Broadway,
NEW YORK.

DIAMOND CUT GLASS WORKS,
51-53 Maiden Lane,
NEW YORK.

C. DORFLINGER & SONS,
36 Murray St. and 3 and 5 West 19th St.,
NEW YORK.

J. D. BERGEN CO.,
38 Murray St.,
NEW YORK.

EMPIRE CUT GLASS CO.,
66 Murray St.,
NEW YORK.

CLARK

(*Discontinued.*)

T. B. CLARK & CO.,
HONESDALE, PA.

(*New Mark.*)

(*Old Mark.*)

T. G. HAWKES & CO.,
CORNING, N. Y.

CRYSTAL CUT GLASS CO.,
141 S. Clinton St.,
CHICAGO, ILL.

L. HINSBERGER CUT GLASS CO.,
39 Barclay St.,
NEW YORK.

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AMERICAN CUT GLASS—Continued.

J. HOARE & CO.,
CORNING, N. Y.

JOS. LOCKE & SONS,
MOUNT OLIVER, PA.

HONESDALE DECORATING CO.,
HONESDALE, PA.

WM. H. LUM,
46 Murray St.,
NEW YORK.

HOPE GLASS WORKS,
161 Dorrance St.,
PROVIDENCE, R. I.

LYONS CUT GLASS CO.,
LYONS, N. Y.

LEONARD KROWER,
536 Canal St.,
NEW ORLEANS, LA.

TRADE-MARK.

MERIDEN CUT GLASS CO.,
International Silver Co., Successor,
MERIDEN, CONN.

LIBBEY GLASS CO.,
TOLEDO, OHIO.

LIBERTY CUT GLASS WORKS,
EGG HARBOR CITY, N. J.

C. F. MONROE CO.,
MERIDEN, CONN.

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AMERICAN CUT GLASS—Continued.

MOSES, SWAN & McLEWEE CO.,
TRENTON, N. J.
(Out of Business.)

PITKIN & BROOKS,
State and Lake Sts.,
CHICAGO, ILL.

LAUREL
S. F. MYERS CO.,
48-50 Maiden Lane,
NEW YORK.

QUAKER CITY CUT GLASS CO.,
60th St. and Baltimore Ave.,
ANGORA, PHILADELPHIA, PA.

TRADE MARK.
OHIO CUT GLASS CO.,
33 Murray St.,
NEW YORK.

STANDARD CUT GLASS CO.,
545-549 W. 22d St.,
NEW YORK.

J. S. O'CONNOR,
HAWLEY, PA.,
Sole Agents, Geo. Borgfeldt & Co.,
48-50 W. 4th St.,
NEW YORK.

Sterling
STERLING GLASS CO.,
126 Longworth St.,
CINCINNATI, OHIO.

(Mount Washington Glass Co.)
THE PAIRPOINT CORPORATION,
NEW BEDFORD, MASS.

L. STRAUS & SONS,
42-48 Warren St.,
NEW YORK.

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AMERICAN CUT GLASS—Continued.

THATCHER BROS.,
FAIRHAVEN, MASS.

UNGER BROS.,
412-418 Halsey St.,
NEWARK, N. J.

E. J. S. VAN HOUTEN,
74 Park Place,
NEW YORK.

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ART POTTERY, CHINA AND GLASSWARE

NOTE:—This department includes essentially all the marks used on art pottery, china and decorated glassware handled by the jewelry trade. Those wares not specified as being controlled by an American agency are sold by importers of art pottery, china and glassware generally.

ENGLISH WARES.

ADDERLEY WARE.

DAVISON BROS., AGENTS,
12 Barclay St.,
NEW YORK.

BODLEY WARE.

E. J. BODLEY, BURSLEM, ENG.

(*Present Mark.*)

(*Old Marks.*)

COALPORT WARE.

DAVISON BROS., AGENTS,
12 Barclay St.,
NEW YORK.

COPELAND
Mark used 1847-56.

CAULDON WARE.

EDW. BOOTE, AGENT,
46 West Broadway,
NEW YORK.

COPELAND WARE.

W. T. COPELAND & SONS,
STOKE-ON-TRENT, ENG.

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ART POTTERY, CHINA AND GLASSWARE (English)—Continued.

IRISH BELLEEK.

BELLEEK POTTERY WORKS CO., LTD.,
FERMANAGH, IRELAND.

CROWN DERBY WARE.

ROYAL CROWN DERBY PORCELAIN CO., LTD.,
DERBY, ENG.

JONES CRESCENT CHINA.

DAVISON BROS., AGENTS,
12 Barclay St.,
NEW YORK.

ROYAL DOULTON WARE.

WM. S. PITCAIRN, AGENT,
19 Murray St.,
NEW YORK.

EMPIRE POTTERY.

LAZARUS, ROSENFELD & LEHMANN, AGENTS,
60-62 Murray St.,
NEW YORK.

HAMMERSLEY WARE.

HAMMERSLEY & CO.,
LONGTON, ENGLAND.

LOCKE & CO.,
Shrub Hill Works,
WORCESTER, ENG.

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ART POTTERY, CHINA AND GLASSWARE (English)—Continued.

ROYAL STAFFORD WARE.

L. W. LEVY & CO.,
194 Broadway,
NEW YORK.

MINTON WARE.

MEAKIN & RIDGWAY, AGENTS,
25 West Broadway,
NEW YORK.

TECK WARE.

TOOTH & CO.,
WOODVILLE, ENGLAND.

MOORE BROS.,
LONGTON, ENGLAND.

WEDGWOOD
(On Jasper.)

WEDGWOOD
(On China.)

JOSIAH WEDGWOOD & SONS, LTD.,
STOKE-ON-TRENT, ENGLAND.

OLD HALL PORCELAIN WORKS, LTD.,
HANLEY, ENGLAND.
(Out of Business.)

POINTONS WARE.

POINTONS & CO., LTD.,
STOKE-ON-TRENT, ENG.

(Grainger Ware.)

ROYAL WORCESTER WARE.

WORCESTER ROYAL PORCELAIN CO.,
WORCESTER, ENGLAND.

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ART POTTERY, CHINA AND GLASSWARE—Continued.

FRENCH WARES.

LIMOGES CHINA.

CHAS. AHRENFELDT & SON,
50-54 Murray St.,
NEW YORK.

BASSETT LIMOGES.

GEO. F. BASSETT & CO.,
54 Park Place,
NEW YORK.

DECORATED

WHITE

LANTERNIER CHINA.

GEORGE BORGFELDT & CO.,
48-50 W. 4th St.,
NEW YORK.

COMPANIE DES CRISTALLERIES DE BACCARAT,
48 Hatton Garden,
LONDON, ENG.

CHOISY-LE-ROY, FRANCE.

1864 to 1900.

ELITE.

FRANCE.

ELITE FRENCH CHINA.

A. K. LIMOGES WARE.

C. L. DWENGER,
35 Park Place,
NEW YORK.

1900 to Date.

(*Stamp in Red.*)

ELITE
L
FRANCE

(*Stamp in Green.*)

DECORATED ELITE FRENCH CHINA. WHITE ELITE FRENCH CHINA.

BAWO & DOTTER,
26-32 Barclay St.,
NEW YORK.

D & Co
FRANCE

(*Underglaze in Blue.*)

R. Delmiciras & Cie
Limoges.

(*Discontinued.*)

L. BERNARDAUD & CIE, LIMOGES.
(*In Red.*)

ENDEMANN & CHURCHILL,
50 Murray St.,
NEW YORK.

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ART POTTERY, CHINA AND GLASSWARE (French)—Continued.

W.G. & Cie FRA

Wm GUÉRIN & Co
Limoges
FRANCE.

GUÉRIN CHINA.

CHARLES STREIFF, AGENT,
33 Park Place,
NEW YORK.

A H & Co
V
FRANCE

A. Hache & Co.,
Vierzon.

HACHE CHINA.

ALFRED HACHE & CO.,
VIERZON, FRANCE.

Prior to 1868, Æ *(White Ware.)*

1868 *to* 1882, C F H

1882 *to* 1891, C F H / G D M *(Decorated Ware.)*

1891 *to* 1897, CFH / GDM / FRANCE

1897 *to present*, GDA / FRANCE

CH. FIELD HAVILAND LIMOGES

Prior to 1897.

GDA LIMOGES

(Now marked on Decorated in Red.)

GDA LIMOGES

(On Rich Decorated; Gold Letters in Green Wreath.)

G. D. A. LIMOGES CHINA.
formerly known as
CH. FIELD HAVILAND LIMOGES CHINA.

IMPORT ONLY—PORCELAINES G. D. A.
29 Barclay St.,
NEW YORK.

REPACKED ONLY—HAVILAND & ABBOTT CO.,
29 Barclay St.,
NEW YORK.

Haviland
France
(On White.)

Haviland & Co
Limoges
On Decorated China.

H & Co
L
FRANCE
On White China.
(Discontinued.)

HAVILAND & CO.,
45 Barclay St.,
NEW YORK.

Porcelaine
Théo. Haviland
Limoges FRANCE

Théo Haviland
Limoges
FRANCE

THEODORE HAVILAND COMPANY,
LIMOGES, FRANCE.

THEODORE HAVILAND CO.,
25 Murray St.,
NEW YORK.

H & C
LIMOGES.
FRANCE

LIMOGES
H C &
DÉPOSÉ

HINRICHS & CO.,
NEW YORK.
(Out of Business.)

LIMOGES
LRL
FRANCE

LIMOGES
LR&L
FRANCE
(Discontinued.)

LAZARUS, ROSENFELD & LEHMANN,
60-62 Murray St.,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the rm's name it denotes that all the marks above the name have been registered.

ART POTTERY, CHINA AND GLASSWARE (French)—Continued.

NOW L. W. L. & CO.

L. W. LEVY & CO.,
194 Broadway,
NEW YORK.

REDON CHINA.

M. RÉDON,
46 West Broadway,
NEW YORK.

P. H. LEONARD,
NEW YORK.
(Out of Business.)

POUYAT CHINA.

PAROUTAUD & WATSON, AGENTS,
37-39 Murray St.,
NEW YORK.

CH. MARTIN & NEVEU.

J. H. VERNON, AGENT,
41 Warren St.,
NEW YORK.

ROYAL CHINA
LIMOGES

ROYAL CHINA DECORATING CO.,
NEW YORK.
(Out of Business.)

NANCY FAIENCE.

L. STRAUS & SONS,
42-48 Warren St.,
NEW YORK.

(Discontinued.)

CROWN PAIRPOINT WARE.

THE PAIRPOINT CORPORATION,
NEW BEDFORD, MASS.

(White.)

(Decorated.)

VOGT & DOSE,
43 Barclay St.,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

ART POTTERY, CHINA AND GLASSWARE (French)—Continued.

SOME MARKS THAT HAVE BEEN USED ON SÈVRES.

GERMAN AND AUSTRIAN WARES

(*Discontinued.*)

CHAS. AHRENFELDT & SON,
50-54 Murray St.,
NEW YORK.

A. K. CARLSBAD WARE.

C. L. DWENGER,
35 Park Place,
NEW YORK.

HINRICHS & CO.,
NEW YORK.
(*Out of Business.*)

BAWO & DOTTER,
26-32 Barclay St.,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

ART POTTERY, CHINA AND GLASSWARE (German and Austrian)—Continued.

VICTORIA WARE.

LAZARUS, ROSENFELD & LEHMANN,
60-62 Murray St.,
NEW YORK.

RUDOLSTADT WARE.

(Discontinued.)

L. W. L. & CO.

L. W. LEVY & CO.,
194 Broadway,
NEW YORK.

ROYAL BERLIN.

DRESDEN.

VIENNA.

P. H. LEONARD,
NEW YORK.
(Out of Business.)

AUSTRIAN CHINA.

L. STRAUS & SONS,
42-48 Warren St.,
NEW YORK.

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ART POTTERY, CHINA AND GLASSWARE (German and Austrian)—Continued.

MISCELLANEOUS GERMAN AND AUSTRIAN MARKS.

BONN.

Bonn
ROYAL BONN.

IMPERIAL SHELL.

IMPERIAL CROWN.

DRESDEN.

ROYAL DRESDEN.

ELBOGEN.

MAGDEBOURG.

ZSOLNAY.

FISCHER J.
BUDAPEST.
HUNGARIAN WARE.

PLAUE.

PIRKENHAMMER.

TEPLITZ.

VIENNA DECOR. MARK.

ROSENTHAL'S CHINA.

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ART POTTERY, CHINA AND GLASSWARE—Continued.

MISCELLANEOUS WARES.

IRISH BELLEEK.

SWEDISH WARE.

MIKAEL SAMUEL & CO.,
41 Barclay St.,
NEW YORK.

UNDERGLAZE MARK ON GENUINE HOLLAND DELFT IN ADDITION TO TRADE-MARK.

(*Oriental China.*)

A. A. VANTINE & CO.,
18 E. 18th St.,
NEW YORK.

ROZENBURG, HOLLAND.

BOHEMIAN GLASS.

HINRICHS & CO.,
NEW YORK.
(*Out of Business.*)

OSCAR MOSER,
NEW YORK.
(*Out of Business.*)

DENMARK.

ROYAL COPENHAGEN.

*ROYAL COPENHAGEN PORCELAIN CO.,
2 Hudson St.,
NEW YORK.

L. STRAUS & SONS,
42-48 Warren St.,
NEW YORK.

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ART POTTERY, CHINA AND GLASSWARE—Continued.

MARKS ON ITALIAN WARE.

M.
ROYAL NAPLES
POTTERY.

E ★ B
NAPOLI.
ERRICO BROS.,
859 Broadway,
NEW YORK.

LION WITH FLAG
MILANO WARE.

CANTAGALLI, ITALY.

AMERICAN WARES.

CORINTHIAN
GEO. BORGFELDT & CO.,
48 W. 4th St.,
NEW YORK.

CAMBRIDGE
CAMBRIDGE ART POTTERY CO.,
CAMBRIDGE, OHIO.

(*White.*)

(*Decorated.*)

CERAMIC ART CO.,
TRENTON, N. J.

DEDHAM POTTERY,
Formerly Chelsea Pottery,
CHELSEA, BOSTON, MASS.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

ART POTTERY, CHINA AND GLASSWARE (American)—Continued.

ETRURIA POTTERY CO.,
TRENTON, N. J.

GRUEBY FAIENCE CO.,
K and 1st Sts.,
BOSTON, MASS.

(Discontinued.)

PHOENIX GLASS CO.,
15 Murray St.,
NEW YORK.

***WAVE CREST**

(Opal Ware.)

C. F. MONROE CO.,
MERIDEN, CONN.

QUEZAL

QUEZAL ART GLASS AND DECORATING CO.,
Cor. Fresh Pond Road & Metropolitan Ave.,
BROOKLYN, N. Y.

CORONA
FEROZA
HENRI DEUX
MISSION
UTOPIAN
VENETIAN

J. B. OWENS POTTERY CO.,
ZANESVILLE, O.

AZURIAN
R. P. CO.
ROZANE

ROSEVILLE POTTERY CO.,
ZANESVILLE, O.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

ART POTTERY, CHINA AND GLASSWARE (American)—Continued.

(*Prior to* 1883.)

(*Adopted* 1886.)

(*Commencing with* 1887 *each flame on the top indicates one year until the year* 1900. *The numeral one was added for* 1901. *The series will be continued by changing the numerals every subsequent year.*)

ROOKWOOD.

ROOKWOOD POTTERY CO.
CINCINNATI, O.

VAN BRIGGLE POTTERY CO.,
COLORADO SPRINGS, COL.

C. V.

CHARLES VOLKMAR,
METUCHEN, N. J.

TECO WARE.
GATES POTTERIES.
AMERICAN TERRA COTTA AND CERAMIC CO.,
Chamber of Commerce Building,
CHICAGO, ILL.

AURELIAN
LOUWELSA
SICARDO-WELLER

S. A. WELLER,
ZANESVILLE, O.

FAVRILE
(*Iridescent Glassware.*)

TIFFANY STUDIOS,
333-341 4th Ave.,
NEW YORK.

THE WILLETS MFG. CO.,
TRENTON, N. J.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

JOBBERS' AND RETAILERS' MARKS.

NOTE.—These marks are of a general character, being used on stationery, cards, boxes, etc., as well as in connection with goods handled or controlled by the different firms.

COLEMAN E. ADLER,
810 Canal St.,
NEW ORLEANS, LA.

L. BAUMAN JEWELRY CO.,
6th and Locust Sts.,
ST. LOUIS, MO.

C. G. ALFORD & CO.,
11 John St.,
NEW YORK.

O. E. BELL CO.,
CINCINNATI, O.
(Out of Business.)

TRADE
14K A. B. & M
MARK

HENRY BIRKS & SONS,
MONTREAL, OTTAWA AND WINNIPEG, CANADA.

ARNSTINE BROS. & MIER,
Rose Bldg.,
CLEVELAND, O.

(Discontinued.)

E. F. BOWMAN & CO.,
LANCASTER, PA.

(On Stationery.)

(Stamped on Rings and Chains.)

BAUMAN-MASSA JEWELRY CO.,
527 Commercial Building,
ST. LOUIS, MO.

R. N. BROMLEY,
DES MOINES, IA.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

JOBBERS' AND RETAILERS' MARKS—Continued.

BRUMER BROS.,
CLINTON, IA.

GOLDEN LATHE
HENRY COWAN,
373 Washington St.,
BOSTON, MASS.

WALTER A. BUCK,
JACKSON, MISS.

(On Stationery.)

(On Boxes.)

BUNDE & UPMEYER CO.,
Pabst Building,
MILWAUKEE, WIS.

DARST CO.,
149 Fifth Ave.,
CHICAGO, ILL.

CALVIN CLAUER CO.,
103 State St.,
CHICAGO, ILL.

CROSBY MFG. CO.,
556 Broadway,
NEW YORK.

DUHME JEWELRY CO.,
4th and Walnut Sts.,
CINCINNATI, O.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

JOBBERS' AND RETAILERS' MARKS—Continued.

EDWARDS & SLOANE JEWELRY CO.,
9th and Walnut Sts.,
KANSAS CITY, MO.

TRADE MARK.

I. L. GOLDENSTEIN,
204 St. James St.,
MONTREAL, QUE.

TRADE MARK

P. W. ELLIS & CO.,
31 Wellington St., E.,
TORONTO, ONT.

GOLDSMITHS' STOCK CO.,
48 Yonge St.,
TORONTO, ONT.

JOS. W. FIELD,
GALVESTON, TEX.
(Out of Business.)

GRAF & NIEMANN,
210 6th St.,
PITTSBURG, PA.

J. J. FREEMAN & CO.,
313 Summit St.,
TOLEDO, O.

M. GUGENHEIM,
33 Union Square,
NEW YORK.

W. H. GLENNY, SONS & CO.,
BUFFALO, N. Y.
(Out of Business.)

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

JOBBERS' AND RETAILERS' MARKS—Continued.

H. F. HAHN & CO.,
156 Wabash Ave.,
CHICAGO, ILL.

HEEREN BROS. & CO.,
Penn Ave. and 8th St.,
PITTSBURGH, PA.

A. I. HALL & SON,
643 Market St.,
SAN FRANCISCO, CAL.

G. HEITKEMPER CO.,
PORTLAND, ORE.

THE "DIAMOND SHOP.
CHAS. M. HANCHER,
1211 Market St.,
WHEELING, W. VA.

CLEMENS HELLEBUSH,
CINCINNATI, O.
(Out of Business.)

HARDY & HAYES CO.,
213 Fifth Ave.,
PITTSBURGH, PA.

HAYNES & MELLICHAMP,
37 Whitehall St.,
ATLANTA, GA.

TRADE-MARK.

HENNEGEN, BATES CO.,
13 E. Baltimore St.,
BALTIMORE, MD.

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JOBBERS' AND RETAILERS' MARKS—Continued.

HUSSEY, HYDE & CO.,
SALEM, MASS.

AMBROSE KENT & SONS, LTD.,
156 Yonge St., and 5-7 Richmond St., W.,
TORONTO, ONT.

* * *

C. A. KIGER,
1016-1018 Walnut St.,
KANSAS CITY, MO.

KING & EISELE,
10-20 N. Division St.,
BUFFALO, N. Y.

KINGSBACHER BROS.,
505 Market St.,
PITTSBURGH, PA.

LAPP & FLERSHEM,
195 State St.,
CHICAGO, ILL.

GEO. H. LEES & CO.,
HAMILTON, ONT.

LEVY BROS. CO.,
60 King St.,
HAMILTON, ONT.

LEWIS JEWELERS' SUPPLY CO.,
DENVER, COL.

(Discontinued.)

J. H. LOGUE CO.,
McVicker's Theatre Bldg.,
CHICAGO, ILL.

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JOBBERS' AND RETAILERS' MARKS—Continued.

W. F. M. CO.
PURITAN MFG. CO.

W. F. MAIN CO.,
IOWA CITY, IA.

NEVIUS CO.,
33 Union Sq.,
NEW YORK.

QUEEN CITY

JOS. MEHMERT,
439 Race St.,
CINCINNATI, O.

F. H. NOBLE & CO.,
103 State St.,
CHICAGO, ILL.

MERMOD & JACCARD JEWELRY CO.,
410 N. Broadway,
ST. LOUIS, MO.

Right Goods
sold at
Right Prices
in
Right Ways

NON-RETAILING CO.,
LANCASTER, PA.

MONTGOMERY BROS.,
LOS ANGELES, CAL.

CLEMENS OSKAMP CO.,
417 Vine St.,
CINCINNATI, O.

ROBERT NELSON & CO.,
520 Madison St.,
TOLEDO, O.

OSKAMP, NOLTING & CO.,
5th and Vine Sts.,
CINCINNATI, O.

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JOBBERS' AND RETAILERS' MARKS—Continued.

PICHEL & WEBER,
530 Broadway,
NEW YORK.

REES & YANKAUER,
13 Maiden Lane,
NEW YORK.

A. & J. PLAUT,
14 E. 4th St.,
CINCINNATI, O.

REICHENBERG-SMITH CO.,
409 15th St.,
OMAHA, NEB.

UNITED STATES
JEWELERS' GUILD.
(*Discontinued.*)

UNITED JEWELERS' GUILD.
(*Discontinued.*)

J. H. PURDY & CO.,
Champlain Bldg.,
CHICAGO, ILL.

ELMER A. RICH CO.,
Columbus Memorial Bldg.,
CHICAGO, ILL.

A. ROSEMAN,
9 Maiden Lane,
NEW YORK.

REED-BENNETT CO.,
Cor. 5th St. and Hennepin Ave.,
MINNEAPOLIS, MINN.

F. W. ROWE,
TRENTON, N. J.

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JOBBERS' AND RETAILERS' MARKS—Continued.

ST. LOUIS CLOCK & SILVERWARE CO.,
616 Locust St.,
ST. LOUIS, MO.

(Used on Watch Tags and Bags.)

(Used on Jewelry, Chain Tags and Cards.)

JOHN W. SHERWOOD & CO.,
3 Maiden Lane,
NEW YORK.

SAMPSON & MAYER,
525 Broadway,
NEW YORK.

E. H. SAXTON CO.,
364 Washington St.,
BOSTON, MASS.

M. SICKLES & SONS,
726 Chestnut St.,
PHILADELPHIA, PA.

G. A. SCHLECHTER,
READING, PA.

*
SHUTTLES BROS. & LEWIS,
DALLAS, TEX.

SIM, PIERSONS & CO.,
Broadway and 2d St.,
TROY, N. Y.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the f m's name it denotes that all the marks above the name have been registered.

JOBBERS' AND RETAILERS' MARKS—Continued.

Our Salesman
(Discontinued.)
SPROEHNLE & CO.,
92 State St.,
CHICAGO, ILL.

E. & J. SWIGART,
15 W. 5th St.,
CINCINNATI, O.

STEIN & ELLBOGEN CO.,
103 State St.,
CHICAGO, ILL.

TILDEN-THURBER CO.,
PROVIDENCE, R. I.

L. S. STOWE & CO.,
H. J. WEBB & CO.,
Successors.
SPRINGFIELD, MASS.

VAN HEUSEN CHARLES CO.,
468 Broadway,
ALBANY, N. Y.

SUSSFELD, LORSCH & CO.,
37 Maiden Lane,
NEW YORK.

EDWIN D. WASHBURNE & CO.,
5-7 Maiden Lane,
NEW YORK.

SWEETSER-BENNETT CO.,
101 Tremont St.,
BOSTON, MASS.

OTTO YOUNG & CO.,
149 State St.,
CHICAGO, ILL.

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MISCELLANEOUS LINES.

(Umbrellas.)

ALLISON & LAMSON,
5 E. 17th St.,
NEW YORK.

(Art Metal Goods.)

BRADLEY & HUBBARD MFG. CO.,
MERIDEN, CONN.

MONARCH
(Nail Files and Erasers.)

D. W. BEAUMEL,
45 John St.,
NEW YORK.

(Metal Goods.)

SAMUEL BRETZFIELD,
435 Broadway,
NEW YORK.

(Watch Keys.)

*J. S. BIRCH & CO.,
BROOKLYN, N. Y.
(Out of Business.)

(Seamless Wire.)

*BURDON WIRE AND SUPPLY CO.,
PROVIDENCE, R. I.
(Out of Business.)

(Settings, Galleries, etc.)

*BLANCARD & CO.,
96 Maiden Lane,
NEW YORK.

CALCULAGRAPH

*CALCULAGRAPH COMPANY,
9 Maiden Lane,
NEW YORK.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

MISCELLANEOUS LINES—Continued.

CEDAR CLIFF UMBRELLA CO.,
416 Broadway,
NEW YORK.

CHROME

ADAMANTINE.
(Steel.)

CHROME STEEL WORKS,
BROOKLYN, N. Y.

(Canes, Pipes, etc.)

*WM. DEMUTH & CO.,
507 Broadway,
NEW YORK.

(Emery and Corundum Wheels.)

*ELECTRIC EMERY WHEEL CO.,
NEWARK, N. J.

(Jewelry Cases.)

LOUIS ETTLINGER & SONS,
65 Nassau St.,
NEW YORK.

GROUT EXCELSIOR
(Watch and Clock Signs.)

EXCELSIOR SIGN & MFG. CO.,
CHICAGO, ILL.

(Umbrellas.)

FOLLMER, CLOGG & CO.,
395 Broadway,
NEW YORK.

(Ecclesiastical Goods.)

R. GEISSLER,
56 W. 8th St.,
NEW YORK.

VERPOLI

F. A. HARDY & CO.,
133 Wabash Ave.,
CHICAGO, ILL.

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MISCELLANEOUS LINES—Continued.

(Umbrellas and Walking Sticks.)

W. W. HARRISON,
405 Broadway,
NEW YORK.

(Cutlery.)

A. R. JUSTICE CO.,
718 Chestnut St.,
PHILADELPHIA, PA.

(Silk Chains and Eyeglass Cords.)

R. J. HILLINGER & CO.,
133 Wabash Ave.,
CHICAGO, ILL.

C. P. F.
(Pipes.)

KAUFMANN BROS. & BONDY,
129 Grand St.,
NEW YORK.

(Cutlery.)

WM. HUTTON & SONS,
SHEFFIELD, ENGLAND.

(Watch Insulators.)

NEWARK WATCH CASE MATERIAL CO.,
19 Ward St.,
NEWARK, N. J.

(Jewelry Cases.)

SAMUEL C. JACKSON'S SON,
NEW YORK.
(Out of Business.)

O'D
O'DNL
(Enamel Paintings.)

J. R. O'DONNELL,
88 E. Kinney St.,
NEWARK, N. J.

V. J.
(French Jewelry and Fancy Goods.)

VICTOR JONEST,
33 Union Square,
NEW YORK.

PEARL SILVER
(Metal Goods.)

C. M. ROBBINS CO.,
ATTLEBORO, MASS.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

MISCELLANEOUS LINES—Continued.

(Cutlery.)

SHAW MANUFACTURING CO.,
POMPTON PLAINS, N. J.

(Seamless Wire.)

C. R. SMITH PLATING CO.,
PROVIDENCE, R. I.
(Out of Business.)

(All Above on Cutlery.)

A. L. SILBERSTEIN,
459 Broadway,
NEW YORK.

KOHOLIA
(Fluid for Chafing Dish and Other Lamps.)

(Metal Wares.)

S. STERNAU & CO.,
204 Church St.,
NEW YORK.

L. M. & CO., LTD.
(Metal Ingots.)

*CHAS. H. STONE,
117 W. 58th St.,
NEW YORK.

HERCULES
(Silk Vest Chains and Eyeglass Cords.)

UNION BRAIDING CO.,
SANDWICH, MASS.

MARKS RECEIVED TOO LATE FOR CLASSIFICATION.

C. B.
(On Swivels of Plated Chains.)

COHEN BROS.,
924 E. Baltimore St.,
BALTIMORE, MD.

NSCO
(Sterling Silver Ware.)

NEWBURYPORT SILVER CO.,
NEWBURYPORT, MASS.

ZENITH
(Foreign Watches.)

GEO. FAVRE-JACOT & CO.,
LE LOCLE, SWITZERLAND.

V. L.
(Silver Plated Hollowware.)

VALENTINE LINSLEY SILVER CO.,
Succeeded by
THE WALLINGFORD CO.,
WALLINGFORD, CONN.

An asterisk (*) before a mark indicates that the mark has been registered. When placed before the firm's name it denotes that all the marks above the name have been registered.

ENGLISH SILVERSMITHS AND THEIR MARKS.

By REGINALD FOSTER.

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"MAKERS' Marks" appear to have been stamped upon silverwares manufactured in England for nearly 600 years. It appears that London was for a long time the only place where silver goods could be Hall-marked. Country manufacturers were supposed to send their wares to London to be assayed and marked. After the establishment of provincial Halls the rule was altered and makers were instructed to send to the nearest Hall. Later acts allowed them to send to any Hall they preferred. At present many provincial manufacturers have their wares marked in London, especially large work. On the other hand, in Birmingham, where charges are lower, most of the smaller silver wares are marked. In the year ended June 30, 1898, over 2½ million ounces of silver were marked in Birmingham.

The mark of the assay office is, therefore, no proof of origin of manufacture. In very early plate there is no separate mark of quality, the "hall" mark denoting assay office and the "standards."

The following list includes most of the present leading silversmiths, but a few are included whose names will be less familiar because they cater "for the trade only." The custom of stamping the initials of shopkeepers and retailers is largely prevalent and prevents the identification of much of the finest work. In cases where firms make plated goods the marks are also given. In the majority of cases the particulars have been obtained direct from the firms mentioned. In a few cases information is derived from standard works of reference ("Gilda Aurifabrorum" and "Hall-Marks," by W. Chaffers, and "Old English Plate," by W. J. Cripps). These, however, are mainly concerned with pre-Victorian plate and include comparatively few marks of the present century. The date letter is, of course, the most important mark in identification of antique plate, but differences in the cycles are very slight and the impressions are often indistinct or blurred and sometimes missing altogether. The maker's mark is, therefore, of importance. Imitation antique plate has been detected because the date and maker's marks are of different periods. The demand for Old English silver has resulted in the supply of a large quantity of spurious stuff. The collection here given should be of assistance to collectors and dealers.

Many of the old marks have never been published and no collection of modern ones has, I believe, been made before. The list is, therefore, unique and it is hoped will be a useful supplement to the recognized manuals on the subject referred to above.

1. *Atkin Bros.* (Sheffield), silversmiths.—

Silver Goods	HA
E. P. on Nickel Silver*	HA EA FA. SN-PL
E. P. on Britannia Metal	A B ❀ ❀
Britannia Metal	ATKIN BROTHERS, SHEFFIELD
General Mark	TRADE MARK

(Foregoing are current marks.)

Prior to 1828. *Silver Mark*	LL
1828 *to* 1840. " "	A&O

Founded about 1750 by Thos. Law. John Law succeeded as John Law & Sons until 1826. Law, Atkin & Oxley, Atkin, Oxley & Co., and Henry Atkin were the titles in succession until 1853. Since that date

*E. P. is abbreviation of the term Electro Plate.

Henry Atkin's Sons have carried on the business.

2. *Edward Barnard & Sons* (London), silversmiths.—One of the oldest firms in

EC NC	1689 TO 1722	ANTHONY NELME, 9. AVE MARIA LANE	
FN FN	1722 TO 1739	FRANCIS NELME, 9 AVE MARIA LANE	
TW	1739 TO 1756	THO^S WHIPHAM, 9 AVE MARIA LANE	FORMERLY IN FOSTER LANE
	1756 TO 1775	WHIPHAM & WRIGHT, 9. AVE MARIA LANE.	PARTNERS. THO^S WHIPHAM JUN^R CHA^S WRIGHT
CW	1775 TO 1786	CHA^S WRIGHT. 9. AVE MARIA LANE	THO^S WHIPHAM RETIRED & TOOK RETAIL SHOP. BUSINESS AND LEASE OF PREMISES ASSIGNED TO HENRY CHAWNER ABOUT 1780
TC	1773 TO 1786	THO^S CHAWNER. PATERNOSTER ROW & AMEN CORNER.	MASTER TO EDW^D BARNARD (1ST)
HC	1786 TO 1796	HENRY CHAWNER, PATERNOSTER ROW, AVE MARIA LANE & AMEN CORNER.	EDW^D BARNARD (1ST) FOREMAN
HC IE	1796 TO 1798	CHAWNER & EMES, PATERNOSTER ROW. &c. &c.	PARTNERS. HENRY CHAWNER JOHN EMES. EDW^D BARNARD (1ST) FOREMAN
JE JE	1798 TO 1808	JOHN EMES. PATERNOSTER ROW &c &c	EDW^D BARNARD (1ST) MANAGER
RE EB	1808 TO 1828	WIDOW EMES & BARNARD, PATERNOSTER ROW &c &c	HENRY CHAWNER. JUN^R REBECCA EMES EDW^D BARNARD
EB JW	1829 TO 1846	EDW^D BARNARD & SONS, PATERNOSTER ROW. &c. &c REMOVED TO ANGEL ST. 1838	EDW^D BARNARD (1ST) EDW^D (2ND) JOHN (1ST) WILLIAM .
EB JW	1846 TO 1851	EDW^D BARNARD & SONS. ANGEL STREET	EDW^D BARNARD (2ND) JOHN BARNARD (1ST) W^M BARNARD
E2B J2B	1851 TO 1868	Do	EDW^D BARNARD (2ND) JOHN BARNARD (1ST)
J RBW J	1868 TO 1877	Do.	JOHN BARNARD (1ST) EDW^D . (3RD) WALTER . JOHN . (2ND)
WBJ	1877 TO 1896	Do.	WALTER BARNARD. JOHN (2ND)
WBJ	1896 TO	Do. REMOVED TO FITTER LANE 1898.	WALTER BARNARD. JOHN . (2ND) MICHAEL STANLEY . ROBERT DUBOCK

the country. They claim direct succession from 1689. The first Barnard entered the business in 1773, as a boy. Their specialty is large silver wares, their work being known for fineness of design and workmanship. The new factory recently erected is probably the most completely equipped in the British trade. They roll their own silver and have a good photographic studio and are thoroughly up-to-date in other respects. The marks given are a tabular history of the firm.

3. *C. Boyton & Son* (London).—An old Clerkenwell firm of silversmiths. Founded early in the century. Make all classes of wares, specially spoons, forks, etc., and large hollow articles. Mark:

C. B.

4. *Wm. Comyns & Sons* (London).—Established 1850 by purchase of Robert Tagg's business, founded about 1730.

Present partners, R. H. and C. H. Comyns. This firm practically initiated the business in small silver stamped wares in London and have now an immense trade in this and kindred lines.

5. *Cooper Bros. & Sons, Ltd.* (Sheffield).

E. P. Mark

Britannia

"Don" Silver

Silver

—Silversmiths and platers. Established 1866.

6. *Jas. Deakin & Sons, Ltd.* (Sheffield).—Silversmiths and electro-platers. Bought Shaw & Fisher's plating business (estab-

AND

E. P. Mark

JAMES DEAKIN & SONS, LTD. SHAW & FISHER.

Silver Mark

lished nearly a century ago). The Deakins are also cutlers.

7. *Wm. Devenport* (Birmingham), silver table wares.—Established 1837 by Joseph Whitton, afterwards Whitton & Devenport. Mark:

W. D.

8. *Jas. Dixon & Sons* (Sheffield).—Estab-

J.D&S

Silver Mark

E. P. Mark

DIXON

lished 1806, silversmiths and electro-platers.

One of the largest firms, employing over 1,000 hands.

9. *Elkington & Co., Ltd.* (Birmingham).—Electro-platers of wide fame; also manufacturers of silver wares in considerable quantity. The company is a family

Silver Mark

E. P. Mark

one. Factories in Birmingham and London.

10. *W. Gallimore & Sons* (Sheffield).—Silversmiths and electro-platers, established 1822. Extensive manufacturers, but chiefly notable as rollers and drawers of silver and

Silver Mark

E. P. Mark

Nickel Mark

Special "Norwegian" Silver

Occasional Mark

other metals for the trade. Weekly output of silver alone is between one and two tons; also supply large quantities of blanks, stampings, etc., to other manufacturers.

11. *R. & S. Garrard & Co.* (London), Crown jewelers.—This firm are probably the oldest in the trade in England. They have been goldsmiths and jewelers to the Crown since 1842, when the dissolution of Rundell & Bridge left the appointment vacant. They or their predecessors have also been jewelers, etc., "in ordinary" to Georges III. and IV., William IV. and Queen Victoria and other members of the Royal family. Wm. Wickes, of Threadneedle St., London, is the earliest known proprietor of the business; one of his ledgers used in 1680 is still extant. His son, Geo. Wickes, removed, in 1720, from Leadenhall St. (where the shop was then) to the "King's Arms," 31 and 32 Panton St., Haymarket near Charing Cross. The firm have since carried on business at the same place, the premises being extended from time to time. The marks given below show the subsequent changes in the firm. Geo. Wickes's mark appears on the silver gilt service at Windsor Castle

George Wickes—New Sterling..*Reg.* 1721

do. *Old Sterling*...*Reg.* 1721

do. .....*Reg.* 1735

do. .....*Reg.* 1730

Edward Wakelin.....*Reg.* 1747

John Parker and Edward Wakelin } *Not reg., but in use from*..... 1750

John Wakelin and William Taylor }.....*Reg.* 1776

John Wakelin and William Taylor }.....*Reg.* 1777

John Wakelin and Robert Garrard } .....*Reg.* 1792

Robert Garrard.....*Reg.* 1802

Robert Garrard, 2d.....*Reg.* 1818

do. .....*Reg.* 1822

James Garrard.....*Reg.* 1881

known as the Prince of Wales's service, and many other well known specimens of old plate bear one or other of the firm's marks. The firm has been known as "Garrard's" since 1802. R. & S. Garrard & Co. has been the title since 1818.

12. *John Grinsell & Sons* (Birmingham),

General Mark

Silver and E. P.

silversmiths and electro-plate manufacturers.—Established 1871.

13. *C. S. Harris & Sons, Ltd.* (London), silversmiths.—Established 1817 by John Mark Harris, spoon maker. Purchased in 1885 the business of Daniel & Charles Houle (established in 1811). The Harris's

have three factories in London and are generally reputed to send more silver to the

1817–1850

1850 *to date*

Spoon Work

Houle Brothers

London Hall than any other firm. Their trade is principally in large hollow wares and spoons and forks.

14. *Hawksworth, Eyre & Co., Ltd.* (Sheffield), silversmiths and electro-platers.—Established over a century, 80 years under pres-

E. P. Goods

or

Silver Goods

1870—1893 (*only*) *Silver*

ent names, 26 as a limited company. Specialties: candlesticks, candelabra and lamps.

15. *F. Higgins & Son* (London), silversmiths.—Established 1789 and carried on

in the same family since. Known principally as spoon and fork makers, but make hollow wares also in quantities.

16. *Holland, Aldwinckle & Slater* (London), silversmiths and spoon forgers.—An extensive business at present and representing the union of several very old and historical silversmiths, Eaton, Chawner, Hennell and Adams. Henry Holland bought Eaton's old business about 65 years ago. He was joined successively by his son and John Aldwinckle and James Slater, succeeded by members of the Holland and

R. Hennell's Mark, 1701 (*or earlier*) to 1887

H. Chawner's Mark, about 1786 *and onwards*

G. Adams's Mark up to 1883

H. Holland's Mark, 1840 *to* 1880

Slater & Aldwinckle, about 1880 *to* 1884

Holland, Aldwinckle & Slater, 1884 *to* 1893

1893 *to present date*

Slater families. John Aldwinckle died in 1893 and the present partners are A. T. and W. B. Slater and H. A. Holland. Chawner & Coy's business was purchased in 1883 from George Adams, the proprietor; and in 1887 the old business of R. Hennell & Sons. It will be noticed that Henry Chawner's mark also appears among those of the predecessors of E. Barnard & Sons. The marks of Chawner and Hennell appear on many old specimens.

17. *Hunt & Roskell, Ltd.* (London), in association with J. W. Benson, Ltd., of Ludgate Hill and Old Bond St.—The firm claims indirect succession from Rundell & Bridge, the historical Crown jewelers. They are the immediate successors of Storr & Mortimer. Their silver manufactures are deservedly of high repute, many of the larger designs being unique. The assort-

ment of patterns accumulated through many years enables them to successfully compete with modern firms. The marks given above are incomplete, some old ones being omitted because their authenticity is uncertain and a copy of the present mark has been reserved.

P. S. *Paul Storr for Rundell & Bridge,* 1792—1821

P. S. *Storr & Mortimer,* 1821—1839

I. M. *Crowned* } *John Mortimer, J. S. Hunt & J. Hunt,* 1839—1842
I. S. H.

I. S. H. *J. S. Hunt & J. Hunt,* 1842—1865

I. H. *Crowned* } *J. Hunt & R. Roskell,* 1865—1882
R. R.

R. R.
A. R. } *R. & A. Roskell & J. M. Hunt,* 1882—
I. M. H.

18. *Wm. Hutton & Sons, Ltd.* (Sheffield), silversmiths, cutlers and electro-platers; established 1800, "Ltd." since 1893. The firm of Favell, Elliott & Co. were absorbed in the same year (1893). Manufacture a wide range of wares in the three branches mentioned.

Registered Mark

Various Quality Marks. The first is best work

Sterling Silver

Nickel Spoons and Forks

Steel Cutlery

19. *Levi & Salaman* (Birmingham), electro-platers and silversmiths, established 1870.—Absorbed the Potosi Silver Co. in 1878.

Silverware

20. *Mappin & Webb, Ltd.* (Sheffield and London), silversmiths and electro-platers. By appointment to several members of the Royal family and foreign rulers. Early in the '80s bought the old business of Stephen Smith & Sons (formerly Smith & Nicholson), of Covent Garden, London. Became limited in 1899.

or

MAPPIN & WEBB
SILVERSMITHS
LONDON
(or in a small circle.)

Silver Mark

E. P. Mark

21. *Mappin Bros.* (Sheffield), silversmiths, cutlers and electro-platers.—"The original firm" established 1810. Specialties: "Queen's" plate and cutlery. Trade-mark and name appear on all their manufactures.

22. *S. Mordan & Co., Ltd.* (London), gold and silversmiths.—Widely known as

pencil case makers, but make many varieties of small wares in gold and silver. By appointment to the Government. Established in 1815 and have changed proprietor-

(*Old Marks.*)

S. M. S. M. & G. R.

(*Johnson, Sons & Edmonds.*)

T J E J F E M E

(*Present Marks.*)

Registered Trade-Mark.

"S. MORDAN & CO."

and

S. M. & CO.

ship on several occasions. Became limited in 1898 and bought the business of Johnson Sons & Edmonds in a similar line of trade.

23. *R. Pringle & Sons* (London), silversmiths, platers, etc., established 1835.—A

Silver Goods

E. P. Goods

Nickel Silver Goods

purely family concern. Besides manufacturing, do a large business in materials and jewelers' findings, and buying wastes.

24. *Roberts & Belk* (Sheffield), silver-

Silver Marked in Sheffield

Silver Marked in London

smiths, established early in the XIX. century.—Formerly Roberts & Briggs, Roberts & Slater, etc.

25. *Joseph Rodgers & Sons, Ltd.* (Sheffield), cutlers, silversmiths and electro-platers.—Have a record of over two centuries as cutlers, but are also large manufacturers of silver and plated goods. Their trade-mark is probably the oldest in continuous use, being granted in 1684. Have the distinction of being the principal vic-

Silver Goods

OR

E. P. Goods

tims of the trade-mark and name forgers, "Rogger" Sheffield and other variants being found on wares supplied in many out of the way corners of the world. The history of the firm is the history of the cutlery trade of Sheffield. The capital of the present company is £130,000.

26. *John Round & Son, Ltd.* (Sheffield).

Silver Goods

E. P. Goods

Britannia Goods

silversmiths and electro-platers, established 1847.—Make all the ordinary lines of wares and sets, and advertise extensively.

27. *Saunders & Shepherd* (London), gold

Silver Mark

and silversmiths and jewelers, established

1869.—Small wares and jeweled goods. Probably show the largest assortment of small silver wares in London.

28. *Henry Stratford* (Sheffield), silversmith and electro-plater.—Established 1854 as Wm. & Henry Stratford.

H.S. *Silver Mark*

HS S EP *E. P. Mark*

29. *J. Thomason & Nephews* (Birmingham), silversmiths, established 1837 by John Hilliard.—Later partners: John Thomason and W. E. Thomason and J. Richardson, as at present. Marks: Before 1840—

J. H.

Since—

H. & T.

Bought Taylor & Perry's business 45 years ago; mark:

T. & P.

30. *Walker & Hall* (Sheffield), silver-

TRADE W&H MARK

smiths, cutlers and electro-platers, established over half a century.—Initiated electro-plating in Sheffield. One of the few firms employing over 1,000 hands remaining not "Limited" and claiming to be the largest private firm of platers in the country. Present proprietors, J. E., C. H. and A. E. Bingham.

31. *Josiah Williams & Co.* (Bristol), silversmiths.—The best known firm outside of London, Sheffield and Birmingham. Founded by W. Woodman over 100 years ago. Until 1883 all plate was stamped at Exeter, the firm latterly almost entirely supporting the Hall. The marks (besides maker's) were Queen's Head, date letter, a castle and a lion. The Leopard's Head appears to have been legal, but was not used after a century or so ago. This firm's

W. W.	*W. Woodman—prior to* 1805
R. W.	*Robert Williams*
R. W. / **J. W.** / **J. W.**	*Robert Williams and his two sons—James and Josiah.*
J. W. / **J. W.**	*James and Josiah Williams*
J. W. / **&** / **Co.**	*Josiah Williams and partners. (After* 1877.) *George M. Jackson*—1879-1883
G. M. J.	*G. M. Jackson (London Hall)* —1883-1896
G. J. / **D. F.**	*G. M. Jackson and D. L. Fullerton. (Present Mark.)*

marks, given in full, are important as regards Exeter Hall marked wares during this period.

32. *A. & J. Zimmerman* (Birmingham),

A&J.Z *Silverware*

A & J.Z *Silverware*

A&JZ EP *E. P. Ware*

silversmiths and electro-platers. Established 1879.

David C. Townsend & Co.

170 Broadway, New York

DIAMOND MERCHANTS

CUTTERS AND IMPORTERS

Patentees of the 20th Century Diamond Cutting

TWENTIETH CENTURY

THIS TRADE-MARK IS REGISTERED IN UNITED STATES, GREAT BRITAIN, GERMANY, BELGIUM, HOLLAND, FRANCE, RUSSIA, AUSTRIA-HUNGARY AND SWITZERLAND

HISTORICAL SKETCH OF MAKERS' MARKS.

By J. H. BUCK.

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TRADE-MARKS are of undoubted antiquity, and must be nearly as old as the industry of the race. Ancient Babylon had property symbols, and the Chinese claim to have had trade-marks one thousand years before Christ. In the* catalogue of Early Christian Antiquities in the British Museum are noted various vessels of the VI. and VII. centuries, with stamps.† It is clear that the Roman silver was marked with stamps in Byzantine times, very likely as Arneth suggests, in the VII. century. It may be that a church or monastery would inspect its plate periodically and apply its stamp or stamps as a mark of control. The number of stamps on a vessel would suggest that it had been controlled on five or six occasions, or that a variety of stamps were used on one occasion. But researches, as yet unpublished, by M. Smirnoff, of the Imperial Museum of the Hermitage, St. Petersburg, tend to prove that the stamps are "hall-marks," and that five was the usual number of impressions. The ultimate publication of all the examples in the Russian collections will doubtless throw light on points at present obscure.

Most of the countries of Europe stamped their gold and silver wares, and these, from being controlled by the Guilds or Goldsmiths' Halls, were called hall-marks. In England—and as the greater quantity of our old plate is from there, this of foreign countries will be alone dealt with—it was ordained in 1363 that every Master Goldsmith shall have a *mark by himself,* and the same mark "shall be known by them which shall be assigned by the King to survey their work and allay." And the goldsmith is to set it upon his work after it shall have been assayed and marked with the King's mark.

In 1379 it was enacted that whereas gold and silver which is wrought by goldsmiths in England is oftentimes less fine than it ought to be, because the goldsmiths are their own judges, be it ordained "that henceforth every goldsmith puts *his own mark* upon his work; and the assay of the Touch belongs to the mayors and governors of the cities and boroughs, with the aid of the master of the Mint, if there be such, putting the mark of the city or borough where the assay is." It is further ordained that every goldsmith "shall have his *own mark by himself.* . . . And our Lord the King shall appoint such as he thinks proper to make the same assay as well in London as elsewhere, at all such times as shall be necessary, and after the assay made, to mark the said work with another mark, appointed therefore by our Lord the King," while in 1423 it was further enacted:

> That no Goldsmith nor worker of silver within the City of London, sell any workmanship of Silver unless it be as fine as the Sterling. . . . before that it be Touched with the touch, and also with the Mark or Sign of the Workman of the same; and that the Mark and Sign of every Goldsmith be known to the Wardens of the Craft.

These provisions were continued by subsequent statutes. In 1675 the wardens of the Goldsmiths Co. ordered that:

> All gold and silver workers bring their respective marks or cause them to be brought to Goldsmiths' Hall, and there strike the same on a table kept in the assay office and likewise enter their names and places of habitation in a book there kept for that purpose, whereby the persons and their marks might be known unto the wardens of the said company and that no person or persons do from henceforth put to sale any of the wares of either gold or silver, small or great, before the *Workman's mark* be struck clear and visible thereon

A quaint old book "A Touch-stone for

*O. M. Dalton, M.A. (1901.)
†Archaeologia, Vol. LVII. (1900.)

Gold and Silver Wares," by W. B., published in London, 1677, thus describes the mode of entering marks in the office of Goldsmiths' Hall:

In this Office is likewise kept for Publique View a Table or Tables artificially made in Columns (that is to say) one Column of hardened Lead, another of Parchment or Velom, and several of the same sorts. In the Lead Columns are struck or entred the Workers Marks (*which are generally the two first Letters of their Christian and Sirnames*) and right against them in the Parchment or Velom Columns are writ and entred the Owners Names; This is that which is meant in the before recited Statutes, by the Expression of *Making of Workers Mark known to the Surveyors, or Wardens of the Craft*: Which said Wardens Duty is to see that the Marks be plain, and of a fit Size, and not one like another; And to require the thus Entring the said Marks, And also the setting them clear and visible on all Gold and Silver work, not only on every Work, but also on every part thereof that is wrought apart, and afterwards Soddered or made fast thereto in finishing the same.

The reason for setting the Worker's Mark on every *part of the Work* is to take away all color of excuse from the maker of false work, who might otherwise craftily pretend that the part marked by him was good Silver or Gold, and (the unmarked part being Lad) that the bad was added by somebody else since the Plate went out of his hand.

From and after the 25th day of March, 1697 (when the standard was raised above that of the sterling coins), the mark of the maker was to be expressed by the *first two letters of his surname;* this lasted until 1720, when the old standard was revived, both, however, being allowed, and for some years there was much uncertainty as to the maker's punches. This led to the act of 1739, which ordered the makers to destroy existing marks and to substitute for them the *initials of their Christian and surname,* and the provision has been in force ever since.

The initials were placed in shields or escutcheons of various shapes; at the end of the XVIIIth and beginning of the XIXth century, in plain squares, or ovals, to suit the letters. Watch-case makers simply stamped their initals without using any escutcheons.

Coopers' Marks, 1632.

The marks of the first makers were emblems or symbols, such as a cross, a rose, a crown, or a star, and devices similar to the traders' or merchants' marks, so generally employed during the latter part of the XVth century, often to distinguish property when the owner was unable to read or write, and sometimes in allusion to the name of the maker, or the sign over his shop. In many cases these marks * "were adopted instead of armorial bearings by traders to whom arms were not permitted. They were used for stamping goods, were engraved on rings, and often placed on monuments. They had one essential feature in common —a cross. A simple form of mark was a cross surmounting a mast or staff, with steamers or other devices apparently taken from parts of a ship; it had a forked base. When, after a time, initials of names were introduced, they at first formed part of the mark, the letter A being often made by crossing the forked base. The cross, being an emblem of Christianity, was considered to counteract the wiles of Satan." These devices were not confined to any one craft, but were used by potters, pewterers, coopers, masons, blacksmiths, ironmongers, stationers, etc., etc., and controlled by their guilds, or fraternities established to protect the trade or mystery.

In marking gold and silver wares the maker sometimes used the initials of his name, either with or without an emblem or sign; but it was not until the XVIIth century that makers were bound by law to use their initials.

Robert Harding, Goldsmith, c. 1489.

Silversmiths' mark, 1599.

At Christ Church, Bruton Parish, Virginia (1686), is the mark Peeter Harache, of London, on a two-handled cup. This mark in 1697 became the two first letters of his surname.

On a chalice and paten (1702) at Trinity Church, Newport, Rhode Island, are the marks of John Bodington at the "Mitre," in Foster Lane, London. Francis Garthorne, of Sweethingslane, made in 1694 silver vessels for Trinity Church and St. John's Chapel, New York, Christ Church, Cambridge, and St. Paul's Church, Newburyport, Massachusetts, marked with his initials. The large service of seven pieces given to Trinity Church, New York, in 1709, and that of six pieces to St. Peter's, Albany, 1711, by Queen Anne, are by the same maker and marked with the first two letters of his surname, the A within the G.

The maker's mark should, strictly speaking, represent the name of the maker of the article in question; but this mark is not always a sure guide, as merchants and wholesale dealers, in some instances, register their own names at the assay office and then request the real makers to stamp such goods as are ordered, before sending

*"London Signs and Inscriptions," Norman, 1893.

them to be assayed, with their—the merchant's or wholesale dealer's—punch to represent the work as of their own manufacture.

In America, during Colonial days, silversmiths marked their wares with their initials, with or without emblems placed in shields, circles, etc., without any guide as to place of manufacture or date; after about 1725 it was the custom to use the surname, with or without an initial, and sometimes the full name;

are examples. Since the establishment of the United States the name of the town was often added to the name or initials of the maker, with the letters D or C in a circle, probably meaning dollar or coin, showing the standard or coin from which the wares were made. In many instances a lion passant, head, eagle displayed, anchor, star, etc., were added, and marks of the maker and dealer are sometimes found stamped on the same piece. In the XIXth century the word COIN was often placed with the maker's mark, to be followed about 1857 by STERLING, which is the universal custom at this time.

In the colonies before commencing business, it was necessary to become a Freeman, sometimes by purchase. The ordinances were similar in all cases, but Boston made Church membership a qualification.

This ordinance, however, was repealed:

*1631. It was likewyse ordered and agreed that for time to come noe man shalbe admitted to the freedome of this body polliticke, but such as are members of some of the Churches within the lymitts of the same.

*"1689-90. It is ordered by this Court, that the clause in the Law, title, ffreemen, referring to Ministers giving certificate to persons desiring their freedom, be and hereby is repealed."

While some of the trades were incorporated in New England, as early as 1648, gold and silver smiths do not appear to have been numerous enough in those early days to require any such protection of their industry.

In 1779 the City Council fixed the price to be paid for plate.

*Resolved that the following prices be the highest that shalbe demanded or given. . . . Goldsmiths shall not demand of the Purchaser no more than the weight of the Plate they Manufacture and twenty Times what they had for their Labour in Manufacturing before the year 1775.

*"Records of the Colony of Massachusetts."

In New York, 1683-4, at a Common Council, it was enacted:

†That noe Person or Persons whatsoever within this Citty or Libertyes doe keep Shop or Sell any Goodes or Wares by Retaile or Exercise any handicraft Trade or Occupation but such as are Freemen thereof or soe Admitted by the Mayor or Court of Aldermen for the tyme being.

The last session of the Common Council under Colonial rule was held on Thursday, May 24, 1776. The civil authority again resumed their functions on Monday, February 9, 1784.

In 1807 we learn: "Freemen are seldom created; and no prosecutions are brought against those who carry on their business without taking out their freedom."

In Albany, 1713, the authorities issued the following ordinance:

‡Whereas complaints are made that severall persons in this city do presume to retaile and use manual occupations without being made freemen or citizens of ye sd City: It is therefore published, ordained, and declared yt no person or persons shall hereafter sell or expose to sale by retaile any ware or merchandise by themselves or any other person or persons whatsoever, or use any trade or mystery or manuall occupation in ye sd city or liberties thereof, unless he or they shall have his or their freedom and be actuall dwellers and inhabitants of ye City aforesd.

Among the Freedoms purchased in 1781 appear the names of two silversmiths, John Folson and Joseph Hall.

In the Colonies no assay marks were necessary or used, but attempts were made to give protection to purchasers of plate similar to that given in Europe, for the silversmiths of Philadelphia petitioned for the establishment of an assay office to regulate, assay, and stamp gold and silver, in consequence of the large quantities of the precious metals which came into the Province for manufacture and export.

The act was prepared, and on being twice returned by the governor to the Assembly, it was agreed by a large majority not to further press it. It therefore fell through. No trace is left as to the wording of the bill, save the following extracts from the Minutes of the Provincial Council of Pennsylvania:

Philadelphia, March 10, 1756. A Bill delivered to the Governor by Two Members last night, entituled "An Act for ascertaining the fineness of wrought Gold and Silver, and preventing Frauds and Abuses in Manufactures made thereof," was read, and the Consideration thereof referred to a Committee of the Council, . . . who are to make their Report thereon at the Governor's return from Newcastle.

Philadelphia, April 6, 1756. The Bill entituled "An Act for ascertaining the fineness of wrought Gold and Silver, and preventing Frauds and Abuses in Manufactures made thereof," was read and one Amendment made: viz., that on the death of the

†New York Historical Society collection.

‡"Annals of Albany," Munsell.

Officer his successor should be appointed by Act of General Assembly, and with this Amendment the Secretary was ordered to return it to the House, with a Message that the Governor would pass it so amended.

The "Officer" evidently means an Assayer.

Philadelphia, Feby. 4, 1767. The Governor laid before the Board for their Consideration a Bill sent up by the Assembly for his Honour's Concurrence, entitled as follows: viz., "An Act for preventing Frauds and Abuses in Gold and Silver Wares made and sold in this Province;" which was read and considered, and ordered to be returned with the following amendments. . . .

Philadelphia, Jany. 16, 1769. Act read and referred to a further Consideration.

Philadelphia, Feby. 5, 1770. "An Act for preventing Frauds and Abuses in Gold and Silver Wares made and sold in this Province," was read and considered, and the Secretary directed to return it to the House, with a message that the Governor could not agree to pass it into Law.

In the United States until recently no State protection was afforded to purchasers of plate; they could only trust to the standing and reputation of the maker and dealer. In 1814 the Legislature of Maryland passed an act to regulate the quality of plate in the city of Baltimore, fixing the standard at eleven ounces of fine silver to the pound Troy (917.). This was the old Scotch standard, established during the reign of King James II., 1457. Extracts from the laws of Maryland are here given:

An Act to fix and regulate the quality of Silver Plate, manufactured and sold, or offered for sale, in the City of Baltimore, and for other purposes. Passed January 28, 1814.

1. BE IT ENACTED, by the General Assembly of Maryland, That from and after the first day of August next, no silversmith, or other person whatsoever, shall sell, exchange, or expose or offer to sell or exchange, in the City of Baltimore, any silver vessel, plate, or manufacture of silver whatsoever, over the weight of five pennyweights, and less in fineness than eleven ounces pure silver to every pound troy, which shall not be stamped or marked in a conspicuous manner, with the stamp or mark of the assay officer, whose appointment is hereinafter provided for, upon pain that every such silversmith, or other person so offending, shall for every such offence forfeit and pay the sum of one hundred dollars, . . . and also upon pain that such silver vessel, plate, or manufacture of silver, which shall be sold, exchanged, or exposed or offered for sale or exchange, without having the stamp or mark thereon as by this act is hereinafter provided for, shall be forfeited, . . .

2. AND BE IT ENACTED, That from and after the first day of August aforesaid, every working silversmith, and other manufacturer of silver whatsoever, who shall at any time or times work or make, or cause to be wrought or made, any silver vessel, plate, or manufacture of silver whatsoever, by this act required to be marked or stamped by the assay officer as aforesaid, shall from time to time send, with every parcel of such silver, to his assay office, a note or memorandum in writing, containing the day of the month and year, the christian and surname of the worker or maker, and place of his or her abode, with the total weight of such parcel; which note or memorandum shall be entered by the assay officer in a book kept by him for such purpose, and shall be afterwards filed and transmitted monthly to the mayor's office of the city aforesaid; . . .

3. AND BE IT ENACTED, That there shall be an able and skilful man, experienced in assaying Silver, appointed by the mayor and city council aforesaid, as assay officer for the said city who previous to his acting as such, shall take the oath following to wit: "I, A. B. do swear, that I will, so long as I shall continue an assayer, well and faithfully behave myself in the said office, and no undue profit to myself take, to the hurting or hindrance of any person that is owner or bringer in of any silver in plate to be assayed, and that I will touch no silver but what shall be of the goodness of eleven ounces pure silver to every pound troy, and all such silver as shall be brought to me to be touched, I will truly set down in writing and the same at all times as I shall be required, will duly and truly deliver again, and will true accounts make thereof when thereupon required by the mayor or city council of the city of Baltimore, and that I will not assays make of things new wrought, before they be marked with the mark of the maker or owners thereof, . . . The assayer is not to be concerned in the manufacturing or sale of silverplate or manufacture of silver.

4. AND BE IT ENACTED, That the stamp or mark used by the assay officer shall be approved of by the mayor and city council aforesaid, who are hereby directed to give public notice at least once a month, until the first day of August aforesaid, in the newspapers of the city of Baltimore, of the appointment of an assayer, and the adoption of such stamp or mark; and it shall be the duty of the assayer, whenever required by the mayor and city council aforesaid, to produce for their inspection the stamp or mark used by him as provided by this act, and on failure thereof his office to be vacated, . . .

5. AND BE IT ENACTED, That if any person whatsoever from and after the first day of August next, shall cast, forge or counterfeit, or cause or procure to be cast, forged or counterfeited, the stamp or mark directed to be used in pursuance of this act for the stamping of silver plate in the city of Baltimore, or shall mark or stamp, or cause or procure to be marked or stamped, any wrought plate of silver, or any wares of brass, or other base metal, silvered over, or resembling silver, with any mark or stamp which hath been or shall be forged or counterfeited at any time, either before, on or after the said first day of August next, in imitation of, or to resemble any stamp or mark directed to be used in pursuance of this act, or shall transpose or remove, or cause or procure to be transposed or removed, from one piece of wrought plate to another, or to any vessel of such base metal as aforesaid, any stamp, mark or impression, which may be made by or with any stamp or mark, directed to be used in pursuance of this act, or shall sell, exchange, or expose or offer for sale or exchange, any wrought plate of silver, or any vessel of such base metal as aforesaid, with any such forged or counterfeited stamp, mark or impression thereon, or any stamp, mark or impression which hath been or shall be transposed or removed from any other piece of plate, knowing such stamp, mark or impression, to be forged, counterfeited, or transposed or removed as aforesaid, or shall wilfully or knowingly have, or be possessed of, any mark or stamp which hath been or shall be forged or counterfeited in imitation of, and to resemble any mark or stamp to be used as aforesaid, every such person offending, in any such or either of the cases aforesaid, being thereof lawfully convicted, shall forfeit and pay the sum of five hundred dollars, ...

6. AND BE IT ENACTED, That the assay officer aforesaid shall, previous to the touching, assaying or marking, such silver plate or manufactured silver, ask, demand and receive, for his own use.

of and from the person or persons whose property is required to be touched, assayed and marked, six cents for every ounce of silver plate or manufactured silver, and so in proportion for any greater or less quantity which shall be brought to be touched, assayed or marked as aforesaid, and shall give a receipt for the same to the person or persons bringing such plate or manufacture.

7. AND BE IT ENACTED, That if any person or persons shall refuse or neglect to pay such respective prices, sums or rewards, as may by this act be demanded, and are hereby respectively required to be paid on account of or for the purposes herein mentioned, or if the silver plate, or manufactures of silver, brought to be touched, assayed or marked, shall not be respectively stamped with the initials of the name of the worker, or maker thereof, that then, or in either case, it shall be lawful for the assay officer to refuse to assay, try or mark, all or any of the plate of such person or persons neglecting to pay or mark as aforesaid, until such prices, sums of money, or rewards as aforesaid, shall be actually paid, or until such silver plate, or manufactures of silver, shall be respectively stamped with the initials aforesaid.

8. AND BE IT ENACTED, That when any parcel of silver plate, or any manufacture of silver, brought to be touched, assayed and marked as aforesaid, be found to be of a coarser allay than the standard aforesaid, it shall be the duty of the assayer to cut, break or deface, such silver work or manufacture so brought to be touched, assayed and marked, and shall return the same so cut, broken or defaced to the worker or maker of the same, and shall make an entry in his books of the species and weight of each parcel so cut and defaced by him, and the name or names of the person or persons to whom such silver plate or manufacture did belong, and there shall nevertheless be paid for the assaying of the same, such rates or prices as are hereinbefore limited for assaying and marking, as if such parcel of plate had been really marked.

. . .

Nothing contained in this act shall be construed to affect the sale or disposition of silver plate, or manufactured silver, of the estate of any deceased person or persons, which shall have been used by such deceased person or persons in his, her or their lifetime.

Thomas H. Warner was assayer from 1814 to 1824, and perhaps longer. Atkinson Leroy succeeded him. Warner was a silversmith. Leroy's occupation is unknown. In 1830 a petition from Samuel Kirk and others, praying for a modification of the law, was presented to the Legislature, and a bill introduced and passed, authorizing the sale of silverware by manufacturers without having it assayed, provided the name of the maker and the quality of the silver was stamped thereon.

The sale was authorized by other than manufacturers, of ware not made in the city, but directing an assay on demand and imposing a penalty on the seller if found of less fineness than eleven ounces of pure silver in every pound Troy.

The assayer was required to test silverware on demand of the purchaser; if found to be marked correctly, the purchaser to pay the cost of assaying; if fraudulently, the seller to pay a fine and the cost of assaying.

The people objecting to paying the assayer's charges, the office eventually died out.

State laws regulating the stamping of the words "Sterling," "Sterling Silver," "Coin," or "Coin Silver," on wares of silver or metal purporting to be silver were passed in the following States: 1894-1903, Massachusetts, New York, South Carolina, Maine, Missouri, New Hampshire, Arkansas, Michigan, Connecticut, Virginia, Ohio, New Jersey, Rhode Island, Illinois, Maryland, Florida and Pennsylvania.

These laws are similar in their enactments, specifying that any wares marked "Sterling" or "Sterling Silver," "Coin" or "Coin Silver," must contain 925 and 900 parts, respectively, of fine silver in every 1,000.

Three States, Connecticut, Virginia and Pennsylvania, further enact that gold must be of the fineness, stamped or marked in karats, on wares of gold or metal purporting to be gold.

THE HALL-MARKING OF WATCH CASES IN GREAT BRITAIN.

An order in Council, under the Merchandise Marks Act, regulates the admission of foreign watch-cases for the purpose of being assayed, stamped or marked—in the United Kingdom. If it appears that the watch-case was made abroad the Assay Office shall affix on the case a mark different to the mark affixed to home-made watch-cases. A declaration is to be made before proper authorities declaring in what place the case was made. The proper authorities for the purpose of notifying such marks are defined to be:—The Wardens and Commonality of the Mystery of Goldsmiths in the City of London; the Guardians of the Standard of Wrought Plate, Birmingham; the Company of Goldsmiths of the City of Chester; the Guardians of the Standard of Wrought Plate, Sheffield; the Incorporation of Goldsmiths of the City of Edinburg; the Goldsmiths' Company of the City of Glasgow; and the Fraternity or Company of Goldsmiths of the City of Dublin. These authorities shall respectively cause to be placed on such watch-cases the marks which are minutely delineated in an illustrated schedule appended to the Order, and such marks are authorized accordingly. Schedule No. 1 contains the form of declaration to be made before the proper authority, whether

an officer of the Assay Office, a justice of the peace, or a Commissioner having power to administer oaths. Schedule No. 2, which contains illustrations of the marks to be used, describes them thus:

"On a foreign gold case.—Within a shield of the form of a cross the word 'Foreign' over which a hall-mark particular to each office and the karat value of the gold, and under which the decimal equivalent of the karat value of the gold, together with the variable annual date letter.

"On a foreign silver case.—Within a shield of the form of a regular octagon of the size shown, the word 'Foreign,' over which a hall-mark particular to each office, and under which the variable annual date letter.

The gold mark shown in the schedule for *London* is this shape In the top branch is a full moon with rays around it. Underneath the figures 18 with the word "foreign" running from left to right through the two horizontal branches. The decimal equivalent .75 below this word, and the variable date letter beneath. The mark for silver is an octagon, about the size of the cross, with the man in the moon at the top, then the word "foreign," followed by the date letter.

The *Birmingham* marks are the same with the exception that a triangle takes the place of the moon, and the town has its own date letter.

The *Chester* hall-marks are of the same form with an acorn at top to distinguish between it and the other offices.

The schedules only show a silver mark for *Sheffield,* of the octagon shape with four crossed arrows at top, the barbs pointing downwards and braced together by a band. The word "foreign" and variable date letter beneath.

The *Edinburgh* marks are the cross and the octagon also, the distinguishing feature the St. Andrew's cross, like this X.

In the *Glasgow* marks a bishop's mitre shows the town where marked, and for *Dublin* the shamrock holds the pride of place.

The karat marks for gold are given at 22c.=.917; 20c.=.833; 18c.=.775; 15c.=.625; 12c.=.5; and 9c.=.375.

The Order in Council also declares that these changes will come into operation on the first day of January, 1888.

MARKS AUTHORIZED FOR FOREIGN WATCH CASES.

London
(*Gold*) (*Silver*)

Birmingham
(*Gold*) (*Silver*)

Chester
(*Gold*) (*Silver*)

Sheffield
(*Silver*)

Edinburgh
(*Gold*) (*Silver*)

Glasgow
(*Gold*) (*Silver*)

Dublin
(*Gold*) (*Silver*)

NOTE.—The annual variable date-letter is to be inserted in position as shown above. The proper gold karat value is also to be inserted in position as shown above.

*SUMMARY OF LONDON HALL-MARKS.

Compiled by J. H. Buck.

Cycle.		Date letter.	A.		
1	1518.	A	LOMBARDIC CAPS.....1518	Hen. VIII. 1509-46 Edw. VI. 1547-52 Mary 1553-57	
2	1539	B	ROMAN CAPS.....1538		
3	1560	C	BLACK-LET., SM.....1558	Elizabeth 1558 1602	
4	1581	D	ROMAN CAPS.....1578		
5	1602	a	LOMBARDIC CAPS.....1598	Jas. I. 1603 1625	
6	1623	f	ITALICS, SM.....1618	Chas. I. 1625 1649	
7	1644	g	COURT-HAND 1638	Chas. II. 1653 1658	
8	1665	h	BLACK-LET., CAPS.....1658	Crom. 1660 1685	
9	1686	i	*BLACK-LET., SM.....1678	Jas. II. 1685-88 Wm. III. 1689-1702	
10	1705	k	COURT-HAND 1696	Anne 1702 1714	
11	1726	L	ROMAN CAPS.....1716	Geo. I. 1714 1727	
12	1747	m	†ROMAN, SM.....1736	Geo. II. 1727 1760	
13	1768	n	BLACK-LET., CAPS.....1756	Geo. III. 1760-1820	
14	1789	O	ROMAN, SM.....1776		
15	1810	P	ROMAN CAPS.....1796		
16	1831	q	ROMAN, SM.....1816	Geo. IV. 1820 1830	
17	1852	R	OLD ENGLISH CAPS....1836	Wm. IV. 1830 1837	
18	1873	S	OLD ENGLISH, SM.....1856	Victoria 1837 1901	
19	1894	T	ROMAN CAPS.....1876		
20	1915	U	ROMAN, SM.....1896	Edw. VII. 1901	

The date mark is shown by 20 letters of the alphabet, A-U or V, in various shaped shields, the cycles, with one (*) exception, containing this number; the letters, J, U or V, W, X, Y, and Z, being omitted. The punches are of various sizes to suit the article stamped.

Four marks.

1. Lion passant guardant.
2. Large leopard's head crowned.
3. Date-letter.
4. Maker's mark, symbols or initials, or both.

Standard, 11 oz. 2 dwts. (925).

1697-1720.

1. Lion's head erased.
2. Britannia.
3. Date-letter. 4. Maker's mark, two first letters of surname.

1697 standard raised 11 oz. 10 dwts. (959).

(† *From* 1736-1739 *plain shield.*)

1. Lion passant guardant.
2. Small leopard's head crowned.
3. Date-letter.
4. Maker's mark, initials.

1720 old standard revived, but both old and new allowed.

1. Lion passant.
2. Small leopard's head crowned (from 1822 without crown).
3. Date-letter.
4. Maker's mark, initials.
5. Sovereign's head (from 1784 to 1890, when duty was abolished).

1. Lion passant.
2. Small leopard's head.
3. Date-letter.
4. Maker's mark, initials.

(175 oz. Troy = 192 oz. avoirdupois.)

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MARKS OF GOLD AND SILVER SMITHS.*

By F. W. FAIRHOLT.

THE early works of the artisans who practised on the precious metals bear no impress of a private nature by which they might be distinguished from each other. We do not, indeed, meet with any notice of a recognised "mark" upon gold or silver plate before the fourteenth century. At this time, as wealth increased, and the more settled habits of the nobility and gentry led them to decorate their tables with flagons and cups, enriched by the hand of the silversmith, the extra demand seems to have originated a series of deceptive practices in dishonest workmen, who alloyed their metals considerably, thus damaging the fair trader and robbing the purchaser also. As early as 1260 an "assay" was established in Paris for gold and silver, which regulated the proper alloy to be used in each; and this was popularly known throughout Europe as "the *touch* of Paris,"† and is frequently alluded to as the standard for gold and silver wares in the earliest charters of the English Goldsmiths' Company. The statute granted by Edward III. to the latter fraternity in the year 1300 is remarkable for containing the earliest notice of a distinctive *mark*: he orders all works to be "signée de une teste de Leopart." The mark, therefore, was a peculiarly national one, for the old French "leopart" is the heraldic term for the lion *passant guardant* which appears on the arms of England, originally borne by our sovereigns as lords of Poitou. The statute declares that unprincipled traders "made false work of gold and silver, as bracelets, lockets, rings and other jewels, in which they set glass of divers colours, counterfeiting true stones; and did put more alloy in the silver than they ought, which they sold to those who had no skill in such things."‡ It, therefore, ordained that all gold and silver works should be sold openly and only at the King's Exchange or at the recognised shops, "and that none, pretending to be goldsmiths, shall keep any shops but in *Cheap*."* In the statute of the thirty-seventh year of the same reign, mention is again made of the king's mark, conjoined with that of the artificer; and it gives the Goldsmiths' Company the privilege of going from shop to shop to test the metals used by workmen, and if found to be alloyed beyond the legal standard, the work was to be broken up and forfeited to the king. It is enjoined that "none do work gold unless it be as good as the assay of the mystery,† or silver unless as good or better than the king's coin," and that when completed it shall be brought to the hall to be assayed, and that such as will bear the *touch* shall be marked "with the owners' and assayers' marks" and afterwards stamped "with the Liberds hede crowned." These old customs are still retained, and articles now sent to be marked are stamped if good, but if bad are crushed into a mass of meta and so returned to the maker, who thus loses the whole of his labor on the work. If such work be composed of various pieces, such as a candelábrum, each separate piece is stamped before the whole are put together, as it is obvious that deception might be practised in the quality of the metal if one part only of such work was "hall-marked."

The assay was effected by a portion of the metal being removed by a tool, and this was anciently termed the "borihl," from the *buril* or *burin*, used to obtain it. On early works a wavy or zig-zag line marks where the

* *Reproduced from the Art Journal, London, Eng., October 1, 1855.*

† *i. e.*, examination by the touchstone used formerly as a test for gold.

‡ Herbert's "History of the Twelve Great Livery Companies of London."

* *Cheap*, now Cheapside, was the great London thoroughfare, and the charter further explains the reason for this by stating that "many of the trade kept shops in obscure turnings and by-lanes and streets," fraudulently buying and selling and rendering detection difficult.

† The old term for any trade which required an apprenticeship to learn, was *craft* or *mystery*.

tool passed, and it is most frequently seen on old German plate.

The standard for gold allowed by the assay when first introduced with the coinage was of twenty-four carats fine,* or pure gold, and from Henry III. to Edward III. it remained so; it was subsequently twenty-three carats, three and a half grains fine, and half a grain alloy. Under the rule of Henry VIII. it was debased to twenty carats, but he occasionally issued crowns of gold at twenty-two carats. This latter amount of alloy became the usual one, and was fixed by royal authority in the reign of Charles I. and still continues so under the name of the "old standard." In 1798 an act was passed allowing gold articles to be made of a lower or worse standard, viz., of eighteen carats of fine gold out of twenty-four; such articles were to be stamped with a crown and the figures 18 instead of the lion passant, to distinguish them.

The standard of silver has always (with the exception of about twenty years) been eleven ounces, two dwts., and eighteen dwts. alloy to the pound; and was distinguished by the term *sterling* from the reign of Henry II., when it first occurs. Under that of William III. an act was passed to alter the standard of silver to ten ounces, ten dwts., and sixteen dwts. alloy; this act continued in operation for twenty-two years, being repealed in 1719, when the "old standard of England" was restored, as it still remains.

The standard for gold, therefore, now is twenty-two carats of fine gold and two of alloy. For silver, eleven ounces, two dwts. of fine silver and eighteen dwts. of alloy in every twelve ounces or pound troy.

The early attempts to debase metals, which have been already alluded to, led to the enactment of severe laws against delinquents. In France, Philip-le-bel, in his ordonnance of 1275, notices the fraudulent custom of mixing lead and white metal "pour composer un métal ayant toute l'apparence de l'argent pur," and in 1313 a solemn conclave was held, where it was enacted that fine and imprisonment should follow all who neglected to mark ("poinçon") their work by the authorised marker, appointed by the Corporation of Goldsmiths of Paris. In order that the private mark of each maker should be known, each stamp was impressed on a sheet of copper and kept by the company for reference, having the name of the worker attached. One of these tables is preserved in the Hôtel de Ville, at Ghent, containing all the names and marks of the goldsmiths of that city in 1454; we engrave the four first on the list,

the commencing name being that of Cornelius de Bont, a man of great reputation in his own day, who adopted a mark which formed a rebus of his own name. The large C being the initial of his Christian name; and the ermine spot in its centre, called *bont* in the Flemish language, standing for his surname. The Goldsmiths' Company of London still possesses a similar copper tablet, impressed with a vast variety of the marks of ancient members of the fraternity, in columns of various sizes for various work, and which are emblems or symbols, such as a rose, heart, flower, &c. The earliest of such marks discovered on a piece of plate is the heart here

engraved, which is impressed on the spoon once belonging to Henry VI., and which was given by that unfortunate monarch to Sir Ralph Pudsey, in 1463, after the battle of Hexham, and is now preserved at Hornby Castle, Westmoreland. Mr. Octavius Morgan, who first published this mark in the "Journal of the Archaeological Institute," vol. ix., dates its manufacture to the year 1445, from the circumstance of its

having a Lombardic II (Fig. 1, of the group above) and which corresponds with that date, according to the plan adopted by the goldsmiths of using a different letter to denote the year in which each article was fabricated. The principles on which these annual letters were constructed, are cycles of twenty years: a new alphabet being always adopted at the end of each period. When, therefore, a certain letter is found to belong to a certain year that is proper to its order, the character of the cycle of twenty years is obtained. By these means Mr. Morgan has been able to

* The *carat* is a term used by refiners, whereby they certify a certain composition of weights used in assaying and computing standard gold, and this carat contains either the twenty-fourth part of a pound, or the twenty-fourth part of an ounce, troy.

construct a table from 1438, taking the Lombardic H as the type of the letters used from 1438, when A was used, to 1457, when V terminated the alphabet, as it usually did, the last four letters never being adopted as marks. The alphabet from 1458 to 1497 has not been discovered. The type of that used from 1478 to 1477 may be seen in Fig. 2, which is upon "the anathema cup" at Pembroke College, Cambridge, bearing date 1497—that date expressing its gift to the college, but the letter denoting the year of its manufacture to have been 1481. The alphabet from 1498 to 1517 was the church text in small letters, with split tops, like Fig. 3, copied from Sir Thomas Leigh's cup, belonging to the Mercers' Company of London, and denoting its manufacture in 1499. From 1518 to 1537, Lombardic letters, cusped inwards, were used, similar to Fig. 4. Plain Roman capitals were used from 1538 to 1557. Small black letters not capitals, from 1558 to 1577; and they may be distinguished more readily from the church text small letters, to which they bear resemblance, by being in an escutcheon accompanied by another stamp of a lion passant. From 1578 to 1597 plain Roman capitals were used in an escutcheon with a lion passant. Lombardic letters, cusped outwards, as in Fig. 5, were used from 1598 to 1617, from which period to the present, an almost perfect series has been obtained by the indefatigable research of Mr. Morgan. Small italic letters, as exhibited at Fig. 6, were used from 1618 to 1637. The ancient court hand capitals were adopted from 1638 to 1657. Our alphabet of those used from 1696 downwards will exhibit their form, except in two instances—that of the letters C and D forming Figs. 7 and 8 of our series. The similarity of these two alphabets might puzzle those who would date old plate, but that the earliest alphabet is accompanied by the marks of a leopard's head and a lion passant; while the more modern one has the figure of Britannia, and the lion's head erased, for marks. More difficulty may be experienced in detecting the alphabet used from 1678, inasmuch as it is accompanied by a lion passant, as the earlier ones are; they differ, however, in form, being bolder and squarer than the earlier letters.

The following is the court hand alphabet which succeeded this:

. . . . . A 1696

. . . . . B 1697

. . . . . C 1698

. . . . D 1699

. . . . . E 1700

. . . . F 1701

. . . . . G 1702

. . . H 1703

. . . . . I 1704

. . . . K 1705

. . . . . L 1706

. . . . M 1707

. . . . . N 1708

. . . . O 1709

. . . . . P 1710

. . . . Q 1711

. . . . . R 1712

. . . . S 1713

. . . . . T 1714

. . . . V 1715

This was succeeded by the following alphabets:

A to V from 1716 to 1735.
a to u — 1736 — 1755.
A to U — 1756 — 1775.
a to u — 1776 — 1795.*
A to U — 1796 — 1815.†
a to u — 1856 — 1835.‡
A to U — 1835 — 1855.

For the better comprehension of the style and arrangement of the usual marks, we engrave two early examples. The first is from

an apostle spoon, which from the b impressed on it, was made in 1501. It has also the leopard's' head erased. On the

* These letters, though precisely similar to what were used from 1736 to 1755, may be distinguished by being accompanied by the sovereign's head after 1784 The earlier ones have the leopard's head and lion passant only.

† These Roman capitals are accompanied by the sovereign's head.

‡ This alphabet may be distinguished by the sovereign's head.

bowl at the end of the handle is the "mark" of the goldsmith, which is of very curious form, being similar in construction to the old "merchants' marks" seen so commonly on tombs, painted windows and seals during the middle ages, when rich traders not having the right to "bear coat-armour," adopted variable marks of this kind in place of it. Our second example is from a cup in the Bernal Collection, found in pulling down an old house in Essex; upon it are three marks: the letter L in an escutcheon, denoting it to have been made in 1528, the leopard's head crowned, and the initials of its maker's name.

In the year 1700 (12 Wm. III.) it was enacted that the maker's mark should consist of the two first letters of his surname, that this should be followed by the others, consisting of the lion's head erased, "the figure of a woman commonly called Britannia," the arms of the cities where the plate was assayed, and also with a distinct and variable mark or letter, annually changed on election of new wardens to show the year when such plate was made." We here engrave an example of these marks copied from a silver candlestick; the letter C on the last escutcheon, denotes it to have been made in 1698.

In 1762 (2 Geo. III.) the gold and silversmiths were ordered to mark their works with the first letters of their Christian and surnames, the leopard's head, the lion passant and the variable letter to mark the year; all which are exhibited in our cut, copied from a ladle which (as the letter shows) was manufactured in 1765.

In 1784 (24 Geo. III. cap. 53) a new mark was enacted to be used, which consisted of the king's head, which was added to the others, making the extraordinary nubmer of five marks, including the maker's. The leopard's head occasionally disappears on more modern plate; thus the mark here copied from a tablespoon manufactured in 1814 is without it. It will be noticed in both the latter instances that the maker's private mark accompanies his initials after the fashion of the ancient artisans.

In 1798 (38 Geo. III. cap. 69) goldsmiths were authorized to use gold of 18 carats fineness, to be marked with a crown, and the figures 18 to denote its variation from the purer standard. These marks stood in place of the lion passant.

It will thus be seen that four marks are used on plate, independent of the maker's initials or symbols, viz.:

I. The Standard Mark, being—

For Gold.

A lion passant, for England.
A thistle, for Scotland.
A harp crowned, for Ireland.

For Silver.

A lion's head erased.
The figure of Britannia.

II. The Hall Mark, being—

A leopard's head crowned, for London.
A castle, for Edinburgh.
Hibernia, for Dublin.
Five lions and a cross, for York.
A castle, for Exeter.
Three wheatsheaves and a dagger, for Chester.
Three castles, for Newcastle.
An anchor, for Birmingham.
A crown, for Sheffield.
A tree and fish, for Glasgow.*

III. The Duty Mark, which is—

The head of the sovereign.†

IV. The Date Mark, which is—

A letter of the alphabet (changed yearly).

Foreign marks offer a wide field for investigation, and it is one at present little occupied. Those which are used are chiefly made up from the arms or badges of the towns. Thus

* From a paper by W. Chaffers, F. S. A., in "Notes and Queries," vol. vii., Mr. O. Morgan, in the "Journal of the Archaeological Institute," vol. ix., says that the right of assay was confined by the statute of 2 Henry VI., to Norwich, York, Newcastle, Lincoln, Bristol, Salsbury and Coventry. Norwich, as early as 1567, used the arms of the city for its mark; the rose and crown, and a rose sprig, were also used there. But the proper marks of all these towns are derived from their arms. Scotland originally used St. Andrew's cross, and the castle for Edinburgh, where for a long time plate was marked only. Glasgow adopted its arms (as above) in the reign of George III. Now all the Scottish plate is known by the Thistle, and the Irish by the Harp.

† This is used to indicate that the duty has been paid; it is not placed on watch-cases, as they are exempted from duty. Gold pays at the rate of 17*s.* per ounce; and silver 1*s.* 6*d.*; which the Goldsmith's Companies collect for the government, levying a small charge to reimburse themselves for marking, and the expense of making the assay.

the mark for Antwerp is the open hand, two of which appear on the shield of arms of that city, immortalizing the old legend of its foundation by Brabo,* one of the fabled chieftains of Julius Cæsar, who destroyed a giant living where the city now stands, who summoned every sailor to pay toll to him as he passed, and if he refused, the giant punished him by cutting his right hand off and casting it into the river.

The arms of the city of Augsburg is a pineapple; and hence it appears as the distinguishing mark of the work of its goldsmiths, who added thereto their initials, as exhibited in the cut, copied from a *nef* (a ship-like cup for confections) made in the sixteenth century. The goldsmiths of Augsburg were of European renown for the beauty and taste of their metal work. It is very common to find cups of their manufacture entirely fashioned in the shape of a pineapple.

The old mark of Amsterdam is here given; it is generally known as "the old Warper mark." It is frequently combined with the lion rampant, as in our second example, which exhibits a group of marks on an old Apostle spoon, where they are both combined with the initials of the maker's name, I. H. K., and the letter Y, indicative of the year, after the fashion of the English marks. So popularly known was the purity of our standard that in 1608 the king sent from England Walter Basbee, assay master to Goldsmiths' Hall, to the Emperor of Russia, for the purpose of making for him a standard of gold and silver in his mint, equivalent to that in the Tower of London, which shows the high estimation in which that standard was held upon the continent. The mark now used on Russian silver is here engraved; and it is generally accompanied by the numerals 84, to denote the number of parts of pure silver in the 100: thus 84 *fine*, 16 *alloy* = 100. The scepter, anchor, and grapnell, are the mint-mark of St. Petersburg. The date-mark and maker's name are also generally added.

The most complete series of national marks hitherto published are those of the French artisians before the great Revolution. They are given by Lacroix and Seré, in their "Histoire de L'Orfévrerie-Joaillerie," Paris, 1850. We select for cuts twenty-four specimens of the most curious of these marks, and describe the entire series:—

1 2 3 4 5 6

Abbeville.....A Bee.
Agen.....Clock-hands (*Fig.* 1).
Aix.....A Wheatsheaf.
Alais.....A Wing.
Alençon.....A Spider.
Amiens and Montdidier.A Cross-bow (*Fig.* 2).
Angers.....A Racket-bat.
Angoulême.....A Pig's head.
Apt.....A Pair of Scales.
Arles.....Head of a Crozier.
Arras.....A Chair.
Avalon.....A Bull's Head.
Avesnes.....A Shovel.
Aurillac.....A Jack-boot (*Fig.* 3).
Autun.....A Shoe-buckle.
Auxerre.....A Candlestick.
Bailleul.....A Mariner'sCompass.
Bar-le-Duc..... { A Fish and Flower *Fig* 4).*
Bar-sur-Aube.....A Girdle (*Fig.* 5).
Bayonne.....A Bird-cage.†
Beaucaire.....A Coffee-pot.
Beaune.....A Drinking-glass.
Beauvais.....A Fish.
Bergues-St.-Vinox ..... A Watch-seal.
Besançon.....A Corkscrew‡(*Fig.* 6).
Beziers.....A Trumpet.
Blois.....An Urn.
Bordeaux.....An Unicorn.
Boulogne-sur-Mer and Montreuil. } A Cardinal's Hat.

7 8 9 10 11 12

Bourg-en-Bresse.....A Watch-chain (*Fig.* 7).
Bourges.....A Ram's Head.
Brest, Lesneven, and Landerneau. } A Ship.
Caen.....A Ploughshare.
Cahors.....A Dog seated.
Calais .....A Spur.

* This apocryphal character is said to have given the name to the country of Brabant, from his own.

* The fish is the *barbel*.

† Another mark is also used, displaying the arms of the city.

‡ In addition to this mark, another was used, consisting of two C's back to back, surmounted by a fleur-de-lis.

Cambrai.....A Horse's Head.
Carcassone, Castelnaudary, & Limoux } A covered Cup.
Castres.....A Bell.
Chalons-sur-Soane.....A Key.
Chalons-sur-Marne.... A Key-handle.
Chartres.....A Bird flying upward.
Chateau-Gonthier.....A Pair of Compasses.
Chateau-Thierry .....A Cock.
Chatellerault.....A Burnisher (*Fig.* 8).
Chatillon-sur-Seine....A Castle.
Chaumont-en-Bassigny A Half-moon (*Fig.* 9).
Clermont Ferrand.....A Tree.
Cognac.....A Spear-head.
Colmar..... .....A Glove.
Compiègne..... A Stag's Head.
Coutances..... An Inkstand.
Daligre ci-devant Marans..... } A Porringer.
Dieppe.....A Flat Fish.
Dijon.....A Globe in Stand.
Dinan..... An Anchor.
Dole.....A Funnel.*
Douai.....Its Arms (*Fig.* 10).
Draguignan.....A Wheat-ear.
Dunkerque.....A Sea-weed (*Fig.* 11).
Etampes.....A Lobster.
Falaise .....A Lancet.
Fécamp .....A Stirrup.
Fontenay-le-Comte.... A Torch lighted.
Gien..... An Arrow.
Gisors.....A Plant (*Fig.* 12).
Grasse..... .....A Table-fork.
Grenoble..... A Dolphin.

13 14 15 16 17 18

Guise and Vervins.. } Head of a Staff (? *Fig.* 13).
Havre.....A Flag.
Issoire.....An Acorn.
Issoudun .....A Cup.
Joinville.....A Vane.
La Charité .....An Aspergillum.
Lafére.....A Flower (the Pink).
Landrecy.....An Eraser (*Fig.* 14).
Langheac.....A Carpenter's Rule.
Langres.....A Clasp-knife.
Laon.....An Artichoke.
La Rochelle.....A Griffin.
Laval.....A Frog.
Le Vigan.....A Gridiron.

* A counter-mark, similar to that of Besançon, was used also by the community; it varied in the C's being surmounted by a ducal coronet.

Liesse (N. D. de).....A Hatchet.
Lille.....A Bird flying to the right.
Limoges..... } A Porter's Basket (*Fig.* 15).
Lisieux.....A Cornucopiæ.
Longwy..... } An Heraldic Label of three points.
Lons-le-Saulnier.....A Lamp lighted.
Lorient.....A Blazing Star (*Fig.* 16).
Loudun.....A Lanthorn.
Lunel.....A Pine-cone.
Luçon.....A Shuttle.
Lyon.....A Lion's head.
Macon.....An open Hand.
Manosque.....A Book closed.
Mans (le).....A Flower (the Tulip).
Mantes..... } A Lozenge engrailed (*Fig.* 17).
Marennes.....An Oyster.
Marseille.....A Bow of Ribbon.
Mauberge.....An Eye.
Meaux.....A Cat seated.
Melle.....An Ear.
Melun .....An Eel.
Mende.....A Butterfly.
Mézières.....A Cannon.
Metz.....A Peacock.
Milhau..... } A Flower (Meadow Saffron).
Montargis.....A Hand-comb.
Montaubon.....A Steel-yard (*Fig.* 18).
Montpellier.....A Chemist's Retort.
Morlaix.....A square Pillar.

19 20 21 22 23 24

Moulins ..... } Sails of a Windmill (*Fig.* 19).
Nantes.....A Javelin.
Narbonne.....A Tobacco-pipe.
Nevers.....A Bottle.
Nimes.....A Porcupine.
Niort.....A Cooking-pot.
Noyon.....A Bottle-stand.
Orleans..... } Bust of Joan-of-Arc (*Fig.* 20).
Paris.....A Crowned P. (*Fig.* 21).
Parthenay.....A Fish (the Skate).
Pau.....A Cow.
Payrat, St. Colombe and Chalabre..... } A Pear with three leaves.
Périgueux.....A Snail.
Perpignan.....A Rat.
Pezénas..... .....A Rake.
Poitiers.....A Turkish Cap.
Pons-en-Saintonge..... A Beehive.

Pontoise	A Flower (the Clove).*
Provins	The Provence Rose.
Puy-en-Velay (le)	A Pulley (*Fig.* 22).
Quimper	A Handsaw.
Reims	A Bunch of Grapes.
Rennes	A Monkey seated.
Réthel	A Quiver of Arrows.
Riez	A flat Cup with Handle.
Riom	A Cross moline.
Rochefort	A Fragment of Rock.
Rodez	A Vase. †
Rouen	A Branch with Apples.
Sables (le)	A Lamb passant.
Saintes	A Jewelled Clasp.
Saint-Esprit and Bagnols	A Crow standing.
Saint-Flour	A Squirrel.
Saint-Germain-en-laye	A Necklace.
St. Jean-D'Angely	A Tooth.
Saint-Lo	A Club.
Saint-Malo	A Hammer.
Saint Maixent	A Fly.
Saint Martin (Ile-de-Ré)	A Pair of Snuffers.
Sainte-Menehould	A Watering-pot (*Fig.* 23).
Saint Omer	A Dog passant.
Saint Quentin and Péronne	A Sword-handle.
Salins	A Pig.
Saumur	A Silver Milk-jug.
Sedan	Head of Apollo, radiated.
Semur-en-Auxois	The Caduceus.
Senlis	A Kidney.
Sens	Small Helmet, feathered.

* This, though similar to the pink of Lafère, may be distinguished by its bend to the left, the other going to the right.

† As this mark in some degree resembles that of Blois, the name of the town is also marked thus:—

RO

DEZ

Soissons	Visored Helmet with Shoulder-piece.
Strasbourg	A Pear without leaves.*
Tarascon	A Pair of Scissors open.
Thouars	Head of Mercury.
Toul	Head of a Negro.
Toulon	A Hand-chaise (*Fig.* 24).
Toulouse	A Trowel.
Tours	A Parrot.
Trévaux	A Vine-leaf.
Troyes	A Bell-pull.
Valenciennes	A Flower (the Daisy).
Valognes	Head of Apollo (turned to left).
Vannes	An Almond opened.
Verdun	The Fleur-de-lis.
Versailles	Head of Wolf.
Vesoul	A Double Fan.
Vitry-le-Français	Bust of Soldier in cocked hat.
Uzés	Hawk preparing to mount.

This very perfect and diversified series of marks, used by a nation which has been always distinguished for its taste in working the precious metals, will, with its accompanying engravings, give the best notion of the variety and extent of those which were adopted by the gold and silversmiths of past times. The importance of such marks to the manufacturer cannot be controverted; while the guarantee given to the public, when they are conjoined to the "hall-marks" of each company, is of the utmost importance to fair and honorable dealing. It has been customary in modern times to mark fictitious plate with a series of stamps to deceive a casual glance, but they may at once be detected by their total want of meaning.

* This is the only distinction made from that used at Payrat.

A DIGEST ON TRADE MARK LAW.

BY A MEMBER OF THE NEW YORK BAR.

A trade-mark may be defined as "an arbitrary symbol affixed by a manufacturer or merchant to a vendible commodity. The principal purpose of a trade-mark is to guarantee the genuineness of a product. It is, in fact, the commercial substitute for one's autograph." *(Browne on Trade-Marks.)*

Although trade-marks have been used in all ages to denote origin, and thus to protect the purchaser as well as the vendor, the common law of the United States and of England, by which is meant the great body of law not covered by statute, has given full protection to trade-marks only within the last hundred years, and statutory protection in these countries is of much more recent date.

The grounds on which trade-marks are recognized and protected by law are, first, that it is proper that one whose skill and industry have been instrumental in building up a reputation for his wares should be secured in the fruits of his work; and, second, that the community should be protected from imposition, which would follow the indiscriminate use of a trade-mark by others than the person with whose merchandise it has become associated.

A trade-mark is now recognized as property, the ownership of which confers upon the owner the exclusive right to use such mark upon the class or classes of goods with which it has become associated. As property, a trade-mark may be transferred by assignment; but as the use of a trade-mark is regarded as connected with a business, rather than with an individual disassociated from his business, it has been held that an assignment of a trade-mark can be made only in connection with a transfer of the business with which it has been used.

Trade-marks are protected practically throughout the civilized world, and by treaty and conventions citizens of the United States may secure protection for their trade-marks in many countries, the citizens of which are reciprocally allowed to secure protection in the United States. (*See page* 221.)

Any arbitrary sign, symbol, or device may be used as a trade-mark, but the name of the owner, or words merely descriptive of the article or its qualities, or the place of its manufacture or sale are not regarded as trade-marks. The following are said to be essential characteristics of a trade-mark: First, invariability; that is, the trade-mark must always have the same appearance; second, individuality; it must so differ from other devices used as trade-marks as to indicate properly its origin and ownership; third, exclusiveness of the right to use it; fourth, it must be used in lawful business only (a trade-mark used in unlawful business will not be protected by courts of justice); fifth, it must be truthful; that is, it must not misrepresent the character of the wares to which it is applied.

The more arbitrary the symbol chosen the better adapted it will be, and the more readily protected as a trade-mark. In choosing a device, the manner of its use should always be kept prominently in mind. It is obvious that a trade-mark intended to be used on stationery or to be printed on cards or tags may properly contain considerable detail and be as elaborate as the fancy of the owner may conceive; but when it is to be impressed on metal, particularly where the character of the article requires that the trade-mark should be small, it is clear that an intricate or elaborate design is entirely out of place. Simple forms, easily recog-

nizable, used merely in outline, are greatly to be preferred to involved figures, or those requiring shading or great detail to mark their characteristics. For this reason geometrical figures, such as circles, squares, triangles and polygons, singly or in combinations with each other or with letters, or simple forms, as crosses, stars and crescents, have been long in favor. Where animal forms are used, it is best to have the device drawn so that the distinguishing characteristics may easily be recognized when presented in outline.

The early protection of the law was granted exclusively to trade-marks used by manufacturers. It is now recognized, however, that a dealer is entitled to the same protection for his trade-mark as a manufacturer.

It is important to note that no special forms are required to secure a trade-mark. Its mere adoption and use are sufficient for the purpose. Even where there are statutory provisions for registration in the United States, such registration is by no means essential to secure a trade-mark, nor does such registration become a condition of the enforcement of one's rights for its protection. It may become important where the owner desires to restrain infringers that he shall be able to fix the exact date of the adoption and use of his trade-mark, and for that reason some record of the date should be established. Registration furnishes a public record of the fact. An advertisement in a periodical will furnish an excellent record of the facts, a copy of the advertisement, together with an affidavit of publication, being easily filed for future reference.

A trade-mark is protected only as connected with the particular class of goods with which it has been used, and the owner is not entitled to claim its exclusive use so as to prevent its application to a different class of goods. For example, a trade-mark that has been used by a manufacturer of jewelry might legitimately be used by a manufacturer of watches. There is nothing, however, in this rule that would prevent the use of a trade-mark by one person upon many different classes of goods, so that a jobber, for instance, might claim a trade-mark upon jewelry, silverware, silver-plated ware, watch movements and watch cases, as well as upon any other article on which he may have used the mark.

Any colorable imitation of a trade-mark upon the class of goods upon which the owner is entitled to use it is an infringement. It is not necessary in order to constitute an infringement that the imitation be exact; a likeness that is likely to deceive a purchaser, upon an ordinary examination, constitutes an infringement.

The term during which a trade-mark may be used by the owner is unlimited. His right continues as long as he continues to use it; and this remains true, although laws allowing registration may limit the period during which such registration shall be effective. Under the Federal laws, for instance, while it is provided that the certificate of registry shall remain in force for 30 years from its date, the right to the trade-mark survives the expiration of that period.

There are two classes of remedies in the Civil Courts for violation of trade-marks. The owner may either bring a suit for damages, or he may sue for an injunction to restrain the infringer from using his mark, and, as incidental to the suit, secure an accounting. In either case it is not necessary to show that the infringement was made with fraudulent intent. Such a suit may be brought either in the State Courts, or, if the plaintiff and defendant are citizens of different States, in the Federal Court. If the trade-mark is registered, and the suit can be maintained on the ground of registration within the limitations mentioned hereafter, a suit may be brought in the Federal Courts on the ground of registration, irrespec-

tive of the citizenship of the parties. A suit will also lie against the infringer on the part of a person who has been deceived into purchasing an article by means of an infringing trade-mark, for the deceit which has been practiced upon him. The laws of some of the States make the infringement of a trade-mark a penal offense, and criminal prosecutions can be maintained for violations of these laws.

FEDERAL LEGISLATION.

March 3, 1881, an act was approved to authorize registration of trade-marks, and to protect the same. The operation of this law is strictly confined to trade-marks used *"in commerce with Foreign nations or with the Indian tribes."* This law was enacted, with the restriction mentioned, as a consequence of the declaration by the United States Supreme Court of the unconstitutionality of the former law on the subject, passed in 1870, which did not contain these restrictions. The United States Supreme Court has thrown some doubt on the constitutionality of the present law, but has not been called upon as yet to pass definitely on the question. The full text of the law, and of the regulations governing registration, will be found in the following article. It may be said that this law affords no protection whatever except for trade-marks used *in commerce with Foreign nations or with the Indian tribes.* It is claimed by many lawyers who make a specialty of trade-mark laws that a single shipment to a foreign country of an article bearing the trade-mark, even if made merely for the purpose of justifying the affidavit on which the trade-mark registration is secured, is sufficient for that purpose. This is probably true; but it is to be noted that the United States Supreme Court has decided that in order to maintain a suit in the Federal Courts based on the registration of a trade-mark it is not sufficient to show that at the time of registration the trade-mark was used in commerce with Foreign nations, but that it must be shown that at the time of the infringement the trade-mark was being so used; and, further, it must be shown that the infringer was using the trade-mark in commerce with Foreign nations, or was preparing to do so. If either the plaintiff's or the defendant's business at the time of the infringement was confined entirely to the United States, no proceeding can be maintained under the Federal Registration Act. As already stated, however, a suit may be maintained in the Federal Courts, if the plaintiff and defendant are citizens of different States.

The advantages of registration for the protection of trade-marks used in commerce with Foreign nations are many. First, registration is *prima facie* evidence of ownership. Second, under the rules of the Treasury Department, made in pursuance of the Act of July 24, 1897, the owner of a registered trade-mark who is a manufacturer may file fac-similes of his trade-mark with the Treasury Department, which will thereupon exclude from entering into the United States any articles bearing trade-marks infringing upon that of the American owner. Third, under the laws of many Foreign countries registration in the United States is necessary as a condition for securing registration in those countries.

Besides these advantages, the moral effect of registration is likely to deter many from infringing a trade-mark protected by the laws of the United States.

The importance to exporters, of foreign registration will be realized when it is understood that in some countries the first registrant of a trade-mark secures the right to its exclusive use, so that, even though he may never have used the mark, he may register the well-known mark of some foreign manufacturer. By such registration the foreign manufacturer will be excluded from selling his product in such country unless he can make terms with the native registrant of the mark.

TRADE MARK LAWS

—OF—

THE UNITED STATES.

The owners of trade-marks used in commerce with foreign nations or with the Indian tribes, provided such owners shall be domiciled in the United States or located in any foreign country or tribes, which, by treaty, convention, or law, affords similar privileges to citizens of the United States, may obtain registration of such trade-marks by complying with the following requirements:

First. By causing to be recorded in the Patent Office a statement specifying name, domicile, location and citizenship of the party applying; the class of merchandise, and the particular description of goods comprised in such class to which the particular trade-mark has been appropriated; a description of the trade-mark itself, with facsimiles thereof, and a statement of the mode in which the same is applied and affixed to goods, and the length of time during which the trade-mark has been used.

Second. By paying into the Treasury of the United States the sum of twenty-five dollars, and complying with such regulations as may be prescribed by the Commissioner of Patents.

SEC. 2. The application prescribed in the foregoing section must, in order to create any right whatever in favor of the party filing it, be accompanied by a written declaration verified by the person, or by a member of a firm, or by an officer of a corporation applying, to the effect that such party has at the time a right to the use of the trade-mark sought to be registered, and that no other person, firm or corporation has the right to such use, either in the identical form or in any such near resemblance thereto as might be calculated to deceive; that such trade-mark is used in commerce with foreign nations or Indian tribes, as above indicated; and that the description and facsimiles presented for registry truly represent the trade-mark sought to be registered.

SEC. 3. The time of the receipt of any such application shall be noted and recorded. But no alleged trade-mark shall be registered unless the same appear to be lawfully used as such by the applicant in foreign commerce or commerce with Indian tribes, as above mentioned, or is within the provision of a treaty, convention, or declaration with a foreign power; nor which is merely the name of the applicant; nor which is identical with a registered or known trade-mark owned by another, and appropriate to the same class of merchandise, or which so nearly resembles some other person's lawful trade-mark as to be likely to cause confusion or mistake in the mind of the public, or to deceive purchasers. In an application for registration the Commissioner of Patents shall decide the presumptive lawfulness of claim to the alleged trade-mark; and in any dispute between an applicant and a previous registrant, or between applicants, he shall follow, so far as the same may be applicable, the practice of courts of equity of the United States in analogous cases.

SEC. 4. Certificates of registry of trade-marks shall be issued in the name of the United States of America, under the seal of the Department of the Interior, and shall be signed by the Commissioner of Patents, and a record thereof, together with printed copies of the specifications, shall be kept in books for that purpose. Copies of trade-marks and of statements and declarations filed therewith, and certificates of registry so signed and sealed shall be evidence in any suit in which such trade-marks shall be brought into controversy.

SEC. 5. A certificate of registry shall remain in force for thirty years from its date, except in cases where the trade-mark is claimed for and applied to articles not manufactured in this country, and in which it receives protection under the laws of a foreign country for a shorter period, in which case it shall cease to have any force in this country by virtue of this act at the time that such trade-mark ceases to be exclusive property elsewhere. At any time during the six months prior to the expiration of the term of thirty years such registration may be renewed on the same terms and for a like period.

SEC. 6. Applicants for registration under this act shall be credited for any fee or part of a fee heretofore paid into the Treasury of the United States with intent to procure protection for the same trade-mark.

SEC. 7. Registration of a trade-mark shall be *prima facie* evidence of ownership. Any person who shall reproduce, counterfeit, copy, or colorably imitate any trade-mark registered under this act and affix the same to merchandise of substantially the same descriptive properties as those described in the registration shall be liable to an action on the case for damages for the wrongful use of said trade-mark at the suit of the owner thereof; and the party aggrieved shall also have his remedy according to the course of equity to enjoin the wrongful use of such trade-mark used in foreign commerce or commerce with Indian tribes, as aforesaid, and to recover compensation therefor in any court having jurisdiction over the person guilty of such wrongful act; and courts of the United States shall have original and appellate jurisdiction in such cases without regard to the amount in controversy.

SEC. 8. No action or suit shall be maintained under the provisions of this act in any case when the trade-mark is used in any unlawful business or upon any article injurious in itself, or which mark has been used with the design of deceiving the public in the purchase of merchandise, or under any certificate of registry fraudulently obtained.

SEC. 9. Any person who shall procure the registry of a trade-mark, or of himself as the owner of a trade-mark, or an entry respecting a trade-mark, in the Office of the Commissioner of Patents, by a false or fraudulent representation or declaration, orally or in writing, or by any fraudulent means, shall be liable to pay any damages sustained in consequence thereof to the injured party, to be recovered in an action on the case.

SEC. 10. Nothing in this act shall prevent, lessen, impeach, or avoid any remedy at law or in equity which any party aggrieved by any wrongful use of any trade-mark might have had if the provisions of this act had not been passed.

SEC. 11. Nothing in this act shall be construed as unfavorably affecting a claim to a trade-mark after the term of registration shall have expired; nor to give cognizance to any court of the United States in an action or suit between citizens of the same State, unless the trade-mark in controversy is used on goods intended to be transported to a foreign country, or in lawful commercial intercourse with an Indian tribe.

SEC. 12. The Commissioner of Patents is authorized to make rules and regulations and prescribe forms for the transfer of the right to use trade-marks and for recording such transfers in his office.

SEC. 13. Citizens and residents of this country wishing the protection of trade-marks in any foreign country, the laws of which require registration here as a condition precedent to getting such protection there, may register their trade-marks for that purpose as is above allowed to foreigners, and have certificate thereof from the Patent Office.

Approved, March 3, 1881.

Nothing contained in the law entitled "An act to authorize the registration of trade-marks and protect the same," approved March third, eighteen hundred and eighty-one, shall prevent the registry of any lawful trade-mark rightfully used by the applicant in foreign commerce or commerce with Indian tribes at the time of the passage of said act.

Approved, August 5, 1882.

CIRCULAR.

TRADE-MARKS.

[1897. Department Circular No. 116. Division of Customs.]

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY.

Washington, D. C., August 3, 1897.

To Officers of the Customs and Others:

The attention of officers of the customs and others is invited to the following provision of section 11 of the act of July 24, 1897:

"SECTION 11. That no article of imported merchandise which shall copy or simulate the name or trade-mark of any domestic manufacture or manufacturer, or which shall bear a name or mark which is calculated to induce the public to believe that the article is manufactured in the United States, shall be admitted to entry at any custom-house of the United States. And in order to aid the officers of the customs in enforcing this prohibition, any domestic manufacturer who has adopted trade-marks may require his name and residence and a description of his trade-marks to be recorded in books which shall be kept for that purpose in the Department of the Treasury, under such regulations as the Secretary of the Treasury shall prescribe, and may furnish to the Department facsimiles of such trade-marks; and thereupon the Secretary of the Treasury shall cause one or more copies of the same to be transmitted to each collector or other proper officer of the customs."

Applications for the recording of names of trade-marks in this Department will state the name and residence of the domestic manufacturer, and furnish a description of the mark and the names of the ports to which the facsimiles should be sent. No such name or trade-mark will be received unless accompanied by the proper proof of ownership and proof that the owner is a domestic manufacturer, which must consist of the affidavit of the owner or one of the owners, certified by a notary public, or other officer entitled to administer oaths, and having a seal.

On the receipt by a customs officer of any such facsimiles, with information from the Department that they have been recorded therein, he will properly record and file them, and will exercise care to prevent the entry at the custom-house of any article of foreign manufacture copying or simulating such mark.

No fees are charged for recording trade-marks in the Department and custom-houses.

A sufficient number of facsimiles should be forwarded to enable the Department to send one copy to each port named in the application with ten additional copies for the files of the Department.

Especial attention is invited to the provision in said section prohibiting the entry of articles "which shall bear a name or mark which is calculated to induce the public to believe that the article is manufactured in the United States," and collectors and other officers of the customs are instructed to use due diligence to prevent violations of this provision.

W. B. HOWELL,
Assistant Secretary.

TRADE-MARK TREATIES WITH FOREIGN NATIONS.

The following is a list of the Governments with which conventions for the reciprocal registration and protection of trade-marks have been entered into by the United States, with the dates of the respective conventions. For the full text of those which have been published in the Official Gazette reference is made thereto; for others, to the volume and page of United States Statutes at Large. The laws of Switzerland and the Netherlands being so framed as to afford reciprocal privileges to the citizens or subjects of any Government which affords similar privileges to the people of those countries, the mere exchange of diplomatic notes, giving notice of the fact, accomplishes all the purposes of a formal convention:

Country.	Date.	Reference.
Austria-Hungary	June 1, 1872	Stat., 17, p. 917
Belgium	July 30, 1869	Stat., 16, p. 765
Do.	July 9, 1884	O. G., 29, p. 452
Brazil	Sept. 24, 1878	Stat., 21, p. 659
Denmark	Oct. 12, 1892	O. G., 61, p. 571
France	Apr. 16, 1869	Stat., 16, p. 771
German Empire	June 1, 1872	Stat., 17, p. 921
Great Britain	July 17, 1878	O. G., 14, p. 233
Italy	Mar. 19, 1884	O. G., 27, p. 304
Japan	Mar. 9, 1897	O. G., 83, p. 598
Netherlands	Feb. 16, 1883	O. G., 23, p. 1334
Russia	June 27, 1868	Stat., 16, p. 725
Servia	Dec. 27, 1882	Stat., 22, p. 966
Spain	Apr. 19, 1883	O. G., 25, p. 98
Switzerland	May 16, 1883	O. G., 23, p. 2237

The declaration with Great Britain is drawn so as to confer mutual trade-mark rights upon the subjects and citizens of each of the contracting parties throughout the dominions and possessions of the other. Citizens or residents of British colonies are therefore permitted to register their trade-marks under this treaty whenever it is satisfactorily shown that in the respective colonies similar protection is afforded to citizens of the United States.

RULES GOVERNING THE REGISTRATION OF TRADE-MARKS UNDER THE ACT APPROVED MARCH 3, 1881.

UNITED STATES PATENT OFFICE,
Washington, D. C., July 1, 1902.

The following rules, designed to be in strict accordance with the provisions of the act approved March 3, 1881, for the registration of trade-marks, are published for gratuitous distribution.

Applicants for registration and their attorneys are advised that their business will be facilitated by the close observance of the appended forms.

F. I. ALLEN,
Commissioner of Patents.

CORRESPONDENCE.

1. All business with the office should be transacted in writing. Unless by the consent of all parties, the action of the office will be based exclusively on the written record. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

2. Applicants and attorneys will be required to conduct their business with the office with decorum and courtesy. Papers presented in violation of this requirement will be returned. But all such papers will first be submitted to the Commissioner, and only returned by his direct order.

3. All letters should be addressed to "The Commissioner of Patents;" and all remittances by postal order, check, or draft should be to his order.

4. A separate letter should in every case be written in relation to each distinct subject of inquiry or application. Complaints against the examiner of trade-marks, assignments for record, fees, and orders for copies or abstracts must be sent to the office in separate letters.

5. Letters relating to pending applications should refer to the name of the applicant and date of filing. Letters relating to registered trade-marks should refer to the name of registrant, number and date of certificate, and the class of merchandise to which the trade-mark is applied.

6. The personal attendance of applicants at the Patent Office is unnecessary. Their business can be transacted by correspondence.

7. When an attorney shall have filed his power of attorney duly executed, the correspondence will be held with him.

8. A double correspondence with an applicant and his attorney, or with two attorneys, cannot generally be allowed.

9. The office cannot undertake to respond to inquiries propounded with a view to ascertain whether certain trade-marks have been registered, or, if so, to whom, or for what goods; nor can it give advice as to the nature and extent of the protection afforded by the law, or act as its expounder, except as questions may arise upon applications regularly filed.

10. Express charges, freight, postage, and all other charges on matter sent to the Patent Office must be prepaid in full; otherwise it will not be received.

ATTORNEYS.

11. An applicant may prosecute his own case, but he is advised, unless familiar with such matters, to employ a competent attorney. The office cannot aid in the selection of any attorney. An applicant may be represented by any person who is registered under the provisions of Rule 17 of the Rules of Practice of the Patent Office to prosecute applications for patents.

12. Before any attorney, original or associate, will be allowed to inspect papers or take action of any kind, his power of attorney must be filed. But general powers given by a principal to an associate cannot be considered. In each application the written authorization must be filed. A power of attorney purporting to have been given to a firm or copartnership will not be recognized, either in favor of the firm or of any of its members, unless all its members shall be named in such power of attorney.

13. Substitution or association can be made by an attorney upon the written authorization of his principal; but such authorization will not empower the second attorney to appoint a third.

14. Powers of attorney may be revoked at any stage in the proceedings of a case upon application to and approval by the Commissioner; and when so revoked the office will communicate directly with the applicant, or such other attorney as he may appoint. An attorney will be promptly notified by the docket clerk of the revocation of his power of attorney.

15. For gross misconduct the Commissioner may refuse to recognize any person as an attorney, either generally or in any particular case; but the reasons for such refusal will be duly recorded and be subject to the approval of the Secretary of the Interior.

WHO MAY REGISTER A TRADE-MARK.

16. A trade-mark may be registered by any person, firm, or corporation domiciled in the United States or located in any foreign country which, by treaty, convention, or law, affords similar privileges to citizens of the United States*, and who is entitled to the exclusive use of any trade-mark and uses the same in commerce with foreign nations or with Indian tribes.

Also, by any citizen or resident of this country wishing the protection of his trade-mark in any foreign country the laws of which require registration in the United States as a condition precedent upon the payment of the fee required by law and other due proceedings had.

17. Owners of trade-marks for which protection has been sought by registering them in the Patent Office under the act of July 8, 1870 (declared unconstitutional by the Supreme Court of the United States, 16 O. G., 999), may register the same for the same goods, without fee. With each application of this character a specific reference to the date and number of the former certificate is required.

18. Applicants whose cases were filed under the act of 1870, either prior to or since the decision of the Supreme Court declaring it unconstitutional, which are now pending before the office, must prepare their applications in conformity with the present law and rules. On the receipt of such an application, referring to the date of the one formerly filed, all fees paid thereon will be duly applied. Those who have paid only $10 as a first fee are advised that the law does not provide for

* For list of the countries having treaties with the United States at this time see page 221.

a division of the legal fee of $25, and that the remainder of the entire fee is required before the application can be examined.

19. No trade-mark will be registered unless it shall be made to appear that the same is used as such by the applicant in commerce between the United States and some foreign nation or Indian tribe, or is within the provisions of a treaty, convention, or declaration with a foreign power, or which is merely the name of the applicant, or which is identical with a known or registered trade-mark owned by another and appropriated to the same class of merchandise, or which so nearly resembles some other person's lawful trade-mark as to be likely to cause confusion in the mind of the public or to deceive purchasers, or which is merely descriptive in its nature, or which is primarily geographical.

THE APPLICATION.

20. An application for the registration of a trade-mark must be made to the Commissioner of Patents and must be signed by the owner of the trade-mark.

21. A complete application comprises—

(*a*) A brief letter of advice requesting registration, signed by the applicant. (See Form 1.)

(*b*) A statement specifying name, domicile, location, and citizenship of the party applying; the class of merchandise, and the particular description of goods comprised in such class to which the particular trade-mark has been appropriated; a description of the trade-mark itself, and a statement of the mode in which the same is applied and affixed to goods, and the length of time during which the trade-mark has been used, and if the applicant be a corporation it must set forth under the laws of what State or nation incorporated.

(*c*) A declaration or oath complying with section 2 of the statute on page 5. (See Forms 3, 5, and 7.)

(*d*) A facsimile or drawing of the mark. (See Rules 27 and 28.)

(*e*) A fee of twenty-five dollars.

22. The letter of advice, the statement, and the declaration must be in the English language and written on one side of the paper only.

23. Pending applications are preserved in secrecy, and no information will be given without authority of the applicant respecting the filing of an application for the registration of a trade-mark by any person, or the subject-matter thereof, unless it shall, in the opinion of the Commissioner, be necessary to the proper conduct of business before the office.

DECLARATION OR OATH.

24. The declaration or oath may be made before any person within the United States authorized by law to administer oaths, or, when the applicant resides in a foreign country, before any minister, chargé d'affaires, consul, or commercial agent holding commission under the Government of the United States, or before any notary public of the foreign country in which the applicant may be, who is authorized by the laws of said country to administer oaths, the oath being attested in all cases, in this and other countries, by the proper official seal of the officer before whom the oath or affirmation is made. When the person before whom the oath or affirmation is made is not provided with a seal, his official character shall be established by competent evidence, as by a certificate from a clerk of a court of record or other proper officer having a seal.

25. The declaration can not be amended. If that filed with the application is faulty or defective, a substitute declaration must be filed.

FACSIMILE OR DRAWING.

26. If for any reason a drawing does not constitute a satisfactory facsimile of the trade-mark, two copies of the trade-mark as actually used must be deposited in addition to the required drawing, to be preserved in the office for reference.

27. (1) The drawing must be made upon pure white paper of a thickness corresponding to three-sheet Bristol board. The surface of the paper must be calendered and smooth. India ink alone must be used, to secure perfectly black and solid lines.

(2) The size of a sheet on which drawing is made must be exactly 10 by 15 inches. One inch from its edges a single marginal line is to be drawn, leaving the "sight" precisely 8 by 13 inches. Within this margin all work and signatures must be included. One of the shorter sides of the sheet is regarded as its top, and, measuring downwardly from the marginal line, a space of not less than 1¼ inches is to be left blank for the heading of title, name, number, and date.

(3) All drawings must be made with the pen only. Every line and letter, signatures included, must be absolutely black. This direction applies to all lines, however fine, and to shading. All lines must be clean, sharp, and solid, and they must not be too fine or crowded. Surface shading, when used, should be open.

(4) The name of the proprietor of the trade-mark signed by himself or his attorney of record must be placed at the lower right-hand corner of the sheet and the signatures of the witnesses at the lower left-hand corner, all within the marginal line, but in no instance should they encroach upon the drawing.

(5) When the view is longer than the width of the sheet, the sheet should be turned on its side, and the heading will be placed at the right and the signatures at the left, occupying the same space and position as in an upright view, and being horizontal when the sheet is held in an upright position.

(6) Drawings should be rolled for transmission to the office—not folded.

An agent's or attorney's stamp, or advertisement, or written address will not be permitted upon the face of a drawing, within or without the marginal line.

28. The office, at the request of applicants, will furnish the drawings at cost.

EXAMINATION OF APPLICANTS.

29. All applications for registration are considered in the first instance by the trade-mark examiner. Whenever, on examination of an application, registration is refused for any reason whatever, the applicant will be notified thereof. The reasons for such rejection will be stated, and such information and references will be given as may be useful in aiding the applicant to judge of the propriety of prosecuting his application.

30. The examination of an application and the action thereon will be directed throughout to the merits, but in each letter the examiner shall state or refer to all his objections.

AMENDMENTS.

31. The statement may be amended to correct informalities or to avoid objections made by the office, or for other reasons arising in the course of examination,

but no amendments will be admitted unless warranted by something in the statement or facsimile as originally filed.

32. In every amendment the exact word or words to be stricken out or inserted in the statement must be specified, and the precise point indicated where the erasure or insertion is to be ma (See Form 8.) All such amendments must be on sheets of paper separate from the papers previously filed, and written on but one side of the paper.

Erasures, additions, insertions, or mutilations of the papers and records must not be made by the applicant.

33. When an amendatory clause is amended, it must be wholly rewritten, so that no interlineation or erasure shall appear in the clause, as finally amended, when the application is passed to issue. If the number or nature of the amendments shall render it otherwise difficult to consider the case, or to arrange the papers for printing or copying, the examiner may require the entire statement to be rewritten.

34. After allowance, the examiner will exercise jurisdiction over an application only by special authority from the Commissioner.

Amendments not affecting the merits may be made after the allowance of an application, if the case has not been printed, on the recommendation of the examiner, approved by the Commissioner, without withdrawing the case from issue.

35. After the completion of the application the office will not return the papers for any purpose whatever. If the applicant has not preserved copies of the papers which he wishes to amend, the office will furnish them on the usual terms.

INTERFERENCES.

36. In case of conflicting applications for registration, or in any dispute as to the right to use which may arise between an applicant and a prior registrant, the office will declare an interference, in order that the parties may have an opportunity to prove priority of use, and the proceedings on such interference will follow, as nearly as practicable, the practice in interferences upon applications for patents.

APPEALS OR PETITIONS.

37. From an adverse decision of the examiner of trade-marks upon an applicant's right to register a trade-mark, or upon any interlocutory matter, or from a decision of the examiner of interferences, the case will be reviewed by the Commissioner, on petition or appeal, without fee.

ISSUE, DATE, AND DURATION OF CERTIFICATE.

38. When the requirements of the law and the rules have been complied with, and the office has adjudged a trade-mark lawfully registrable, a certificate will be issued by the Commissioner, under seal of the Interior Department, to the effect that applicant has complied with the law, and that he is entitled to the protection of his trade-mark in such case made and provided. Attached to the certificate will be a facsimile of the trade-mark and a printed copy of the statement and declaration.

39. The weekly issue closes on Thursday, and the certificates of registration of that issue bear date as of the third Tuesday thereafter.

40. A certificate of registry shall remain in force for thirty years from its date, except in cases where the trade-mark is claimed for and applied to articles

not manufactured in this country, and in which it receives protection under the laws of a foreign country for a shorter period, in which case it shall cease to have any force in this country by virtue of this act at the time that such trade-mark ceases to be exclusive property elsewhere.

At any time during the six months prior to the expiration of the term of thirty years such registration may be renewed on the same terms and for a like period.

ASSIGNMENTS.

41. The right to the use of any trade-mark is assignable by an instrument in writing, and provision is made for recording such instrument in the Patent Office. But no such instrument or conveyance will be recorded unless it is in the English language, and unless an application for the registration of a trade-mark shall have first been filed in the Patent Office, and such instrument must identify the application by date of filing, or, where the mark has been registered, by its certificate number and the date thereof. No particular form of instrument is prescribed.

COPIES AND PUBLICATIONS.

42. After a trade-mark has been registered printed copies of the statement and declaration in each case, with a facsimile of the trade-mark, can be furnished by the office upon the payment of the fee.

43. An order for a copy of an assignment must give the liber and page of the record, as well as the name of the proprietor; otherwise an extra charge will be made for the time consumed in making any search for such assignment.

44. The Official Gazette of the Patent Office will contain a list of all trade-marks registered, with the name and address of the registrant in each case, an illustration of the trade-mark, a brief description of the trade-mark itself, and the particular description of goods to which it is applied.

FEES.

45. On filing an application for registration of a trade-mark.....$25.00
For manuscript copies, for every 100 words or fraction thereof..... .10
For recording every assignment, agreement, power of attorney, or other paper, of 300 words or less..... 1.00
For recording every assignment, agreement, power of attorney, or other paper of more than 300 words and less than 1,000 words..... 2.00
For recording every assignment, agreement, power of attorney, or other paper of more than 1,000 words..... 3.00
For abstracts of title:
For the certificate of search..... 1.00
For each brief from the digest of assignments..... .20
For assistance to attorneys and others in the examination of records, one hour or less..... .50
Each additional hour or fraction thereof..... .50
For single printed copy of statement, declaration, and facsimile..... .05
If certified, for the grant, additional..... .50
For the certificate..... .25

46. Money required for office fees may be paid to the Commissioner, or to the Treasurer, or any of the assistant treasurers of the United States, or to any of the

depositaries, national banks, or receivers of public money designated by the Secretary of the Treasury for that purpose, who shall give the depositor a receipt or certificate of deposit therefor, which shall be transmitted to the Patent Office. When this cannot be done without inconvenience, the money may be remitted by mail, and in every such case the letter should state the exact amount inclosed. All money orders, drafts, and checks should be made payable to the "Commissioner of Patents."

47. All money sent by mail, either to or from the Patent Office, will be at the risk of the sender. All payments to the office must be made in specie, Treasury notes, national-bank notes, certificates of deposit, money orders, or certified checks.

REPAYMENT OF MONEY.

48. Money paid by actual mistake, such as a payment in excess, or when not required by law, or by neglect or misinformation on the part of the office, will be refunded; but a mere change of purpose after the payment of money, as when a party desires to withdraw his application for the registration of a trade-mark, will not entitle a party to demand such a return.

FORMS.

The following forms illustrate the manner of preparing papers for applications for registration of trade-marks. Applicants will find their business facilitated by following them closely:

(1) LETTER OF ADVICE.

To the Commissioner of Patents:

The undersigned presents herewith a facsimile of his lawful trade-mark, and requests that the same, together with the accompanying statement and declaration, may be registered in the United States Patent Office in accordance with the law in such cases made and provided.

A. B.

Dated ———, 19—..

(2) STATEMENT BY AN INDIVIDUAL.

To all whom it may concern:

Be it known that I, A. B., a citizen [*or subject, as the case may be*] of the ——— ———, residing at ———, ———, and doing business at No. ——— ——— street, in said city, have adopted for my use a trade-mark for molasses, of which the following is a description: As shown in the accompanying facsimile, my trade-mark consists of the representation of a flying dove, associated with the word "Dove." This trade-mark has been continuously used in my business since ——— —, 1———. The class of merchandise to which this trade-mark is appropriated is groceries, and the particular description of goods comprised in said class upon which I use the said trade-mark is molasses. It is usually displayed on heads of barrels or packages, and on cans containing the goods, by placing thereon a printed label on which the described trade-mark is shown.

A. B.

Witnesses:

C. D.

E. F.

(3) DECLARATION FOR AN INDIVIDUAL.

STATE OF ———, COUNTY OF ———, *ss:*

A. B., being duly sworn, deposes and says that he is the applicant named in the foregoing statement; that he verily believes that the foregoing statement is true; that he has at this time a right to the use of the trade-mark therein described; that no other person, firm, or corporation has the right to such use, either in the identical form or in any such near resemblance thereto as might be calculated to deceive; that it is used by him in commerce between the United States and foreign nations or Indian tribes, and particularly with ——— [*here name one or more foreign nations or Indian tribes, or both, as the case may be*]; and that the description and facsimiles presented for record truly represent the trade-mark sought to be registered.

A. B.

Sworn and subscribed before me, a ———, this —— day of ———, 19—.

[L.S.] G. H.

(4) STATEMENT BY A FIRM.

To all whom it may concern:

Be it known that we, C. D. & Co., a firm domiciled in ———, county of ———, State of ———, and doing business at No. ——, ——— street, in said city, and composed of the following members, ———, ———, ———, citizens of (or subjects, as the case may be) ———, have adopted for our use a trade-mark for molasses, of which the following is a description:

As shown in the accompanying facsimile, our trade-mark consists of the representation of a flying dove associated with the word "Dove." This trade-mark has been continuously used in our business since ——— —, 1——. The class of merchandise to which this trade-mark is appropriated is groceries, and the particular description of goods comprised in said class upon which we use the said trade-mark is molasses. It is usually displayed on heads of barrels or packages, and on cans containing the goods, by placing thereon a printed label on which the described trade-mark is shown.

Witnesses:
E. F.
G. H.

C. D. & Co.,
By C. D.,
A member of the firm.

(5) DECLARATION FOR A FIRM.

STATE OF ———, COUNTY OF ———, *ss:*

C. D., being duly sworn, deposes and says that he is a member of the firm of C. D. & Co., the applicant named in the foregoing statement; that he verily believes that the foregoing statement is true; that the said firm at this time has a right to the use of the trade-mark therein described; that no other person, firm, or corporation has the right to such use, either in the identical form or in any such near resemblance thereto as might be calculated to deceive; that the trade-mark is used by the said firm in commerce between the United States and foreign nations or Indian tribes, and particularly with ——— [*here name one or more foreign nations or Indian tribes, or both, as the case may be*]; and that the description and facsimiles presented for record truly represent the trade-mark sought to be registered.

C. D.

Sworn and subscribed before me, a ———, this —— day of ———, 19—.

[L.S.] E. F.

(6) STATEMENT BY A CORPORATION.

To all whom it may concern:

Be it known that The E. & F. Company, a corporation duly organized under the laws of the State of ———, and located in the city of ———, county of ———, in said State, and doing business in said city of ———, has adopted for its use a trade-mark for molasses, of which the following is a description: As shown in the accompanying facsimile, the trade-mark consists of the representation of a flying dove associated with the word "Dove." This trade-mark has been continuously used in the business of the said corporation since ——— —, 1——. The class of merchandise to which this trade-mark is appropriated is groceries, and the particular description of goods comprised in said class upon which the said trade-mark is used is molasses. It is usually displayed on heads of barrels or packages, and on cans containing the goods, by placing thereon a printed label on which the described trade-mark is shown.

Witnesses:
I. J.
K. L.

THE E. & F. COMPANY,
By G. H., *Secretary.*

(7) DECLARATION FOR A CORPORATION.

STATE OF ———, COUNTY OF ———, *ss:*

G. H., being duly sworn, deposes and says that he is secretary (*or other officer*) of the corporation The E. & F. Company, the applicant named in the foregoing statement; that he verily believes that the foregoing statement is true; that the said corporation at this time has a right to the use of the trade-mark therein described; that no other person, firm, or corporation has the right to such use, either in the identical form or in any such near resemblance thereto as might be calculated to deceive; that the trade-mark is used by the said corporation in commerce between the United States and foreign nations or Indian tribes and particularly with ——— [*here name one or more foreign nations or Indian tribes, or both, as the case may be*], and that the description and facsimiles presented for record truly represent the trade-mark sought to be registered.

G. H., *Secretary** (*or other officer.*)

Sworn and subscribed before me, a ———, this ——— day of ———, 19—.
[L.S.] I. J.

(8) AMENDMENT.

To the Commissioner of Patents:

In the matter of my application for the registration of trade-mark for molasses, No. ———, filed ——— ——, 19—, I hereby amend my statement as follows:

Page ——, line ——, cancel the words "The Dove Brand," and insert in place thereof the following: "D[illegible]" *and the representation of a dove.*

Same page, line — [illegible] the words "about ten years" and insert *since* ——— ——, *1*——.

A. B.,
By J. K.,
His Attorney.

Dated ———, 19—.

* If the corporation have a seal, it may be used to authenticate the signature of the officer.

STATE LAWS

REGULATING THE USE OF THE WORDS "STERLING," "STERLING SILVER," "COIN" AND "COIN SILVER," AND OF THE KARAT MARK.

ARKANSAS.

LAWS OF 1895, ACT 116.

SECTION 1. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling," or "sterling silver," or encased or enclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, inclosed, or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is silver, sterling silver or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 2. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin," or "coin silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, enclosed, or otherwise prepared for sale or disposition, having thereon any engraving, or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 3. Whoever violates the provisions of either of the preceding sections shall, upon conviction thereof, be fined in any sum not exceeding one hundred dollars for each offence.

CONNECTICUT.

GENERAL STATUTES, REVISION OF 1902.

SECTION 1380. *Articles Purporting To Be Made of Gold Must Be Marked.*—Any and every article represented to be of gold, which is made for sale, or offered for sale, or held in possession with intent to sell by any dealer, shall bear upon it, plainly stamped, the figures indicating the exact number of twenty-fourth parts of pure gold or proportion of gold that the said article or articles contain.

SECTION 1381. *Articles Made of Gold or Alloy; False Representations.*—Any manufacturer or dealer who makes for sale, or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article or articles constructed in part of gold or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint, or other mark, indicating, or designed or intended to indicate, that the gold alloy, or imitation thereof in such article or articles is different from or better than the actual kind and quality of such gold, alloy, or imitation thereof, shall be guilty of a misdemeanor.

SECTION 1382. *Sterling Silver Defined; Misdemeanor.*—Any manufacturer or dealer who makes for sale, sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article or articles constructed in part of silver, or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper, or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint, or other mark, containing the word "sterling" or the words "sterling silver," referring, or designed or intended to refer, to the silver, alloy, or imitation thereof in such article or articles, when such silver, alloy, or imitation thereof shall contain less than nine hundred and twenty-five one-thousandths thereof of pure silver, shall be guilty of a misdemeanor.

SECTION 1383. *Coin Silver Defined; Misdemeanor.*—Any manufacturer or dealer who makes for sale, sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article or articles constructed in part of silver, or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper, or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint, or other mark containing the word "coin" or the words "coin silver," referring, or designed or intended to refer, to the silver, alloy, or imitation thereof, in such article or articles, when such silver, alloy, or imitation shall contain less than nine-tenths thereof of pure silver, shall be guilty of a misdemeanor.

SECTION 1384. *Penalty for Violating Preceding Sections.*—Every person guilty of a violation of any of the provisions of this act shall, upon conviction thereof, be fined in any sum not exceeding one thousand dollars, or imprisoned in a common jail not exceeding one year, or both, at the discretion of the court.

LAWS OF 1903, CHAPTER 120.

SECTION 1. Any manufacturer of or dealer in articles constructed in part of gold or silver or any alloy or imitation thereof, upon payment of a fee of ten dollars, may file in the office of the secretary of state a bond executed by himself as principal, with sufficient surety, which bond shall be approved by the secretary of the state, in the sum of five thousand dollars, conditioned that said manufacturer or dealer shall not violate any of the provisions of sections 1380, 1381, 1382, and 1383 of the general statutes.

SECTION 2. If it shall appear to the court before whom any person shall be prosecuted for the violation of any of the provisions of sections 1380, 1381,

1382, and 1383 of the general statutes, that the article of merchandise concerning which the charge is brought was not made or altered in any way by the defendant, and that it was acquired by him in good faith as an article of the standard of purity prescribed in said sections, and without knowledge or information on his part to the contrary, said prosecution shall be dismissed and the defendant discharged, provided the person from whom the defendant acquired the article is within the jurisdiction of the court or has filed the bond provided for in section one of this act and said bond was in full force and effect at the time of the sale by said defendant and at the time of the dismissal of said prosecution; and provided, also, that said defendant shall furnish to said court an affidavit stating the name, residence, and place of business of the person from whom said article was acquired by the defendant and the date and circumstances of its acquisition.

SECTION 3. Upon satisfactory proof by affidavit to the attorney-general of this state of a violation by any person giving bond as provided in section one of this act of the terms of said bond, it shall be the duty of said attorney-general to declare the bond forfeited and to forthwith proceed on behalf of the state of Connecticut to collect as damages the whole of the sum specified therein from the parties thereto. If, however, the violation of said sections 1380, 1381, 1382, or 1383 by the principal in said bond occurred within the limits of this state, and said principal in said bond shall at any time before the recovery of judgment upon such forfeiture appear before any magistrate or court in this state having jurisdiction, so that a criminal prosecution for the violation of any of the provisions of said sections 1380, 1381, 1382, or 1383 may be commenced against him, said proceedings for the forfeiture and collection of said bond shall be discontinued. The court before which such action for the forfeiture and collection of said bond is pending shall have power in its discretion to chancer said bond.

FLORIDA.

LAWS OF 1895, CHAPTER 4417 (NO. 96).

SECTION 1. Any person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or inclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 2. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin" or "coin silver," or encased or inclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp,

imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 3. Whoever violates the provisions of either of the preceding sections shall be punished by a fine not exceeding one hundred dollars for each offense, or by imprisonment in the county jail not exceeding sixty days, or by both fine and imprisonment, in the discretion of the court.

ILLINOIS.

LAWS OF 1899, PAGE 138.

SECTION 1. Whoever makes for sale, or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article or articles constructed in whole or in part of gold or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint or other mark, indicating, or designed or intended to indicate, that the gold, alloy or imitation thereof in such article or articles is different from or better than the actual kind and quality of such gold, alloy or imitation, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not less than fifty dollars nor more than one hundred dollars.

SECTION 2. Whoever makes for sale, sells or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article or articles constructed in whole or in part of silver or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint or other mark containing the words "sterling" or "sterling silver," referring, or designed or intended to refer, to the silver, alloy or imitation thereof in such article or articles, when such silver, alloy or imitation thereof shall contain less than nine hundred and twenty-five one-thousandths thereof of pure silver, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not less than fifty dollars or more than one hundred dollars.

SECTION 3. Whoever makes for sale, sells or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article or articles constructed in whole or in part of silver or any alloy or imitation thereof, having thereon, or on any box, package, cover, wrapper or other thing enclosing or encasing such article or articles for sale, any stamp, brand, engraving, printed label, trade-mark, imprint or other mark, containing the words "coin" or "coin silver," referring to or designed or intended to refer to, the silver, alloy or imitation thereof, in such article or articles, when such silver, alloy or imitation shall contain less than nine-tenths thereof of pure silver, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not less than fifty dollars and not more than one hundred dollars.

MAINE.

LAWS OF 1895, CHAPTER 6.

SECTION 1. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 2. A person who makes or sells or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin," or "coin silver," or encased or inclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 3. Whoever violates the provisions of either of the preceding sections shall forfeit a sum not exceeding one hundred dollars for each offence, the same to be recovered on complaint before any trial justice, police or municipal court in the county in which said offence is committed.

MARYLAND.

CODE OF PUBLIC GENERAL LAWS.

SECTION 119c. Any manufacturer or dealer who makes or sells or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in, by or with which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraved or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor.

SECTION 119d. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin" or "coin silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in, by or with which the said article is

packed, enclosed or otherwise prepared for sale or disposition, having thereupon an engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless nine hundred one-thousandth parts of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor.

SECTION 119e. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise whose component parts are made of the metal soldered together, which article is marked, stamped or branded with the words "sterling" or "sterling silver," unless all of said component parts shall contain not less than nine hundred and twenty-five one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119f. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise whose component parts are made of the same metal soldered together, which article is marked, stamped or branded with the words "coin" or "coin silver," unless all of said component parts shall contain not less than nine hundred one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119g. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, celluloid, pearl, glass, porcelain, pottery, steel or wood, to which is applied or attached a metal mounting marked, stamped or branded with the words "sterling" or "sterling silver," unless said applied or attached metal mounting shall contain not less than nine hundred and twenty-five one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119h. Any manufacturer or dealer who makes or sells or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, celluloid, pearl, glass, porcelain, pottery, steel or wood, to which is applied or attached a metal mounting marked with the words "coin" or "coin silver," unless said applied or attached metal mounting shall contain not less than nine hundred one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119i. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of works or movements, and a case or covering applied or attached thereto, wholly or partially concealing said works or movements marked, stamped, or branded with the words "sterling" or "sterling silver," unless said case or covering shall contain not less than nine hundred and twenty-five one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119j. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of works or movements, and a case or covering applied or attached thereto, wholly or partially concealing said works or movements, marked, stamped or branded with the words "coin"

or "coin silver," unless said case or covering shall contain not less than nine hundred one-thousandth parts of pure silver, is guilty of a misdemeanor.

SECTION 119k. Every person, firm, corporation or association guilty of a violation of any of the provisions of this act shall, upon conviction thereof, be fined in any sum not exceeding five hundred dollars, or imprisonment in a common jail not exceeding one year, or both, at the discretion of the court.

MASSACHUSETTS.

REVISED LAWS OF 1902, CHAPTER 208, SECTION 65.

Whoever makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling," "sterling silver," "coin" or "coin silver," or encased or enclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is silver, sterling silver, solid silver, coin or coin silver, shall, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article so marked, stamped or branded with the words "sterling" or "sterling silver," is manufactured are pure silver, or unless nine hundred one-thousandths of the component parts of the metal of which the article so marked, stamped, or branded with the words "coin" or "coin silver," is manufactured, are pure silver, shall be punished by a fine of not more than one hundred dollars for each offence.

MICHIGAN.

COMPILED LAWS OF 1897.

(5468) SECTION 1. A person who knowingly makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

(5469) SECTION 2. A person who knowingly makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin" or "coin silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the

metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

MISSOURI.

REVISED STATUTES, 1899.

SECTION 2351. *Sale of Silverware, Regulation Of.*—A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 2352. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin," or "coin silver," or encased or enclosed in any box, package, cover or wrapper or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the metal of which the article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

NEW HAMPSHIRE.

LAWS OF 1895, CHAPTER 63.

SECTION 1. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or inclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, inclosed, or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark, or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 2. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped, or branded with the words "coin" or "silver coin," or encased or inclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, inclosed, or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp,

imprint, mark, or trade-mark, indicating or denoting by such marking, stamping, branding, engraving, or printing that such article is coin or coin silver, unless nine hundred one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

SECTION 3. Whoever violates the provisions of either of the preceding sections shall forfeit a sum not exceeding one hundred dollars for each offence.

SECTION 4. This act shall not be so construed as to apply to such springs, catches, or pins as may be necessary to adapt it to its use.

SECTION 5. This act shall take effect on and after July 1, 1895.

NEW JERSEY.

LAWS OF 1898, CHAPTER 235, SECTION 212.

Any manufacturer or dealer who makes, sells or offers to sell, any article of merchandise marked with the words "sterling" or "sterling silver" or "coin" or "coin silver," or incased in any box, package, cover or other thing in or by which the said article is packed, or otherwise prepared for sale, and having thereupon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating that such article is silver or sterling silver or is coin or coin silver, or if the component parts of any such article are made of the same metal soldered together, or if such article be made of metal mounting, marked as aforesaid respectively, and applied or attached to leather, shell, ivory, pearl, glass, porcelain, pottery, steel or wood, or of interior works or movements and an exterior case or covering applied or attached thereto, and marked as aforesaid respectively; unless nine hundred and twenty-five one-thousandths of all said component parts of the metal marked "sterling" or "sterling silver" is pure silver; or, if marked "coin" or "coin silver," unless nine hundred one-thousandths of all the component parts of the metal, metal mounting, case or covering marked respectively as aforesaid, and of which and with which the article is manufactured, is pure silver, shall be guilty of a misdemeanor.

NEW YORK.

PENAL CODE.

SECTION 364a. *Offences Against Marking, Et Cetera; Words "Silver," "Sterling Silver," or "Solid Silver."*—Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or incased or inclosed in any box, package, cover or wrapper, or other thing in, by or with which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereupon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor.

SECTION 364b. Any person, firm, corporation or association who makes

or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "coin" or "coin silver," or incased or inclosed in any box, package, cover or wrapper, or other thing in, by or with which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereupon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless nine hundred one-thousandths parts of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor.

SECTION 364c. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise, whose component parts are made of the same metal soldered together, which article is marked, stamped, or branded with the words "sterling" or "sterling silver," unless all of said component parts shall contain not less than nine hundred and twenty-five one-thousandths parts of pure silver, is guilty of a misdemeanor.

SECTION 364d. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise, whose component parts are made of the same metal soldered together, which article is marked, stamped or branded with the words "coin" or "coin silver," unless all of said component parts shall contain not less than nine hundred one-thousandths parts of pure silver, is guilty of a misdemeanor.

SECTION 364e. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, celluloid, pearl, glass, porcelain, pottery, steel, or wood, to which is applied or attached a metal mounting marked, stamped or branded with the words "sterling" or "sterling silver," unless said applied or attached metal mounting shall contain not less than nine hundred and twenty-five one-thousandths parts of pure silver, is guilty of a misdemeanor.

SECTION 364f. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, celluloid, pearl, glass, porcelain, pottery, steel, or wood, to which is applied or attached a metal mounting marked, stamped or branded with the words "coin" or "coin silver," unless said applied or attached metal mounting shall contain not less than nine hundred one-thousandths parts of pure silver, is guilty of a misdemeanor.

SECTION 364g. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise comprised of works or movements and a case or covering applied or attached thereto, wholly or partially concealing said works or movements marked, stamped or branded with the words "sterling" or "sterling silver," unless said case or covering shall contain not less than nine hundred and twenty-five one-thousandths parts of pure silver, is guilty of a misdemeanor.

SECTION 364h. Any person, firm, corporation or association who makes or sells, or offers to sell or dispose of, or has in his, her or its possession with intent to sell or dispose of, any article of merchandise comprised of works or movements and a case or covering applied or attached thereto, wholly or partially concealing said works or movements, marked, stamped or branded with the words "coin" or "coin silver," unless said case or covering shall contain not less than nine hundred one-thousandths parts of pure silver, is guilty of a misdemeanor.

LAWS OF 1898, CHAPTER 331.

SECTION 1. Upon any information against a person, firm, corporation or association for violation of sections 364a, 364b, 364c, 364d, 364e, 364f, 364g, or 364h, of the penal code, the magistrate must issue a summons in substantially the form prescribed in section 676, signed by him, with his name of office, requiring the accused to appear before him at a specified time and place to answer the charge; the time to be not more than twenty days after the issuing of the summons.

SECTION 2. The summons must be served by delivering a copy thereof and showing the original to the defendant; or, if the defendant be a corporation, by delivering a copy thereof and showing the original to the president or other head of the corporation; or, to the secretary, cashier, or managing agent thereof.

SECTION 3. At the time appointed the magistrate must proceed to investigate the charge, in the manner provided by law for the investigation of a charge against any natural person or corporation brought before him, so far as those proceedings are applicable, except as provided by sections 4, 5, 6 and 7.

SECTION 4. If it shall appear to the magistrate upon the investigation that the defendant has filed a bond as provided in section 5, and that the article of merchandise concerning which the charge is brought was not made or altered in any way by the defendant, and that it was acquired by him in good faith as an article of the standard of purity prescribed in sections 364a, 364b, 364c, 364d, 364e, 364f, 364g, or 364h, of the penal code, and without knowledge or information on the part of the defendant to the contrary, the charge must be dismissed and the defendant discharged, provided the person from whom the defendant acquired the article is within the jurisdiction of the court or has likewise filed a similar bond, which bond is in full force and effect at the time of the sale by said defendant, and provided, also, the defendant furnish to the magistrate an affidavit stating the name, residence and place of business of the person from whom the article was acquired by the defendant, and the circumstances of its acquisition, together with an undertaking with two sufficient sureties, in a sum to be fixed by the magistrate, conditioned for the appearance of the defendant to testify in any prosecution, action, or proceeding against the person from whom the article was acquired, or in any action or proceeding upon the bond given by such person.

SECTION 5. Any manufacturer of silverware, or any wholesale or retail dealer in silverware, upon payment of a fee of fifteen dollars, may file in the office of the Secretary of State a bond, executed by himself as principal, and

by a fidelity or surety company authorized by the laws of this State to transact business, or by himself as principal and two sufficient sureties, both of whom must be freeholders, and at least one of whom must be a resident of this State and a freeholder therein, which bond shall be approved by a justice of the Supreme Court, and be subject to the provisions of chapter 8, title 6, article 5th, of the code of civil procedure, so far as they are applicable, in the penal sum of five thousand dollars, conditioned for faithful compliance with all the provisions of sections 364a, 364b, 364c, 364d, 364e, 364f, 364g, or 364h of the penal code.

SECTION 6. Upon satisfactory proof by affidavit to the Attorney General of a violation of any provision of sections 364a, 364b, 364c, 364d, 364e, 364f, 364g, or 364h, of the penal code, it shall be his duty to declare the bond provided for in the preceding section forfeited, and to forthwith proceed on behalf of the people of the State of New York to recover, as liquidated damages, the whole of the sum specified therein from the parties thereto, against whom judgment for the entire amount must be rendered upon proof duly made of a violation by the principal of any provision of the said sections of the penal code, unless the principal shall already have been convicted in a criminal prosecution for the same violation. If, however, at any time before the recovery of judgment upon such forfeiture, the principal shall appear before the magistrate who issued such warrant or summons, so that the charge against him may be duly examined and proceeded with criminally, any proceedings before the Attorney General shall be discontinued, and if the bond shall have been meanwhile forfeited, such forfeiture shall be rescinded by the Attorney General, and any subsequent action thereon thereby rendered null and inoperative.

SECTION 7. Proof of the actual recovery by the people of the State of the whole amount named in a bond given pursuant to the provisions of section 5, may be pleaded in bar of any subsequent criminal prosecution for the same violation for which the recovery upon the bond was had.

SECTION 8. This act shall take effect immediately.

OHIO.

LAWS OF 1896, PAGE 54.

SECTION 1. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped, or branded with the words "sterling" or "sterling silver," or incased or inclosed in any box, package, cover or wrapper or other thing in, by or which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such stamping, branding, engraving or printing, that such article is silver, sterling silver or solid silver, unless nine hundred and twenty-five one-thousandths part of the component parts of the metal of which said article is manufactured is pure silver, is guilty of a misdemeanor, and be fined in any sum not exceeding one hundred ($100.00) dollars.

SECTION 2. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the word "coin," or "coin silver,"

or encased or inclosed in any box, package, cover or wrapper or other thing in, by or which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless nine hundred one-thousandths part of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor, and be fined in any sum not exceeding one hundred ($100.00) dollars.

PENNSYLVANIA.

LAWS OF 1897, NO. 136.

SECTION 1. Any manufacturer, dealer or other person who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "gold" or "solid gold," or any other number of karat not less than ten in fineness, or wrapped, incased or enclosed in any box, package, cover or wrapper or other thing, in or by which the said article is packed, wrapped, incased or enclosed, or otherwise prepared for sale or distribution, having thereupon any engraving, label, stamp, imprint, mark or trade-mark indicating or denoting by such marking, stamping, branding, engraving or printing, that such article is solid gold, or of any other number of karat of not less than ten in fineness, unless the component parts of which the said article is made are in the following ratio: If eighteen karat, there should be eighteen parts of pure gold and six parts alloy; if fourteen karat, there should be fourteen parts of pure gold and ten parts alloy; if ten karat, there should be ten parts pure gold and fourteen parts alloy, and other qualities in the same proportion with twenty-four karats as the standard of pure gold by which the article is marked, stamped or branded, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be sentenced to pay a fine not exceeding one hundred dollars, or undergo an imprisonment not exceeding three months, or both, in the discretion of the court.

SECTION 2. No article of merchandise marked, stamped or labelled "gold" or "solid gold" shall be sold or offered for sale or disposition, unless such article shall contain at least ten karats of pure gold with twenty-four karats as the standard of pure gold. Any person who makes or sells or offers to sell or to dispose of, or has in his or her possession with intent to sell or to dispose of, any article of merchandise so marked, stamped or branded, containing less than ten karats of pure gold, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be sentenced to pay a fine not exceeding one hundred dollars, or undergo an imprisonment not exceeding three months, or both, in the discretion of the court.

RHODE ISLAND.

LAWS OF 1896, CHAPTER 329.

SECTION 1. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "Sterling" or "Sterling Silver," or incased or inclosed in any box, package, cover or

wrapper, or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereupon any engraving or printed label, stamp, imprint, mark or trade mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver or sterling silver, unless 925-1000 of the component parts of the metal of which the said article is manufactured is pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 2. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words, "Coin" or "Coin Silver," or incased or inclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, inclosed or otherwise prepared for sale or disposition, having thereupon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless 900-1000 of the component parts of the metal of which the said article is manufactured is pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 3. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise whose component parts are made of the same metal soldered together, which article is marked, stamped or branded with the words "Sterling" or "Sterling Silver," unless all of said component parts shall contain not less than 925-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 4. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise, whose component parts are made of the same metal soldered together, which article is marked, stamped or branded with the words "Coin" or "Coin Silver," unless all of said component parts shall contain not less than 900-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 5. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, pearl, glass, porcelain, pottery, steel or wood, to which is applied or attached a metal mounting marked, stamped or branded with the words "Sterling" or "Sterling Silver," unless said applied or attached metal mounting shall contain not less than 925-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 6. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of leather, shell, ivory, pearl, glass, porcelain, pottery, steel or wood, to which is applied or attached a metal mounting marked, stamped, or branded with the words "Coin" or "Coin Silver," unless said applied or attached metal mounting shall contain not less than

900-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 7. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of interior works or movements and an exterior case or covering applied or attached thereto, marked, stamped or branded with the words "Sterling" or "Sterling Silver," unless said case or covering shall contain not less than 925-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SECTION 8. Any manufacturer or dealer who makes or sells, or offers to sell or dispose of, or has in his or her possession with intent to sell or dispose of, any article of merchandise comprised of interior works or movements and an exterior case or covering applied or attached thereto, marked, stamped or branded with the words "Coin" or "Coin Silver," unless said case or covering shall contain not less than 900-1000 parts of pure silver, shall be imprisoned not more than six months or fined not more than five hundred dollars for each offence.

SOUTH CAROLINA.

CRIMINAL CODE, SECTION 363.

A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver or solid silver, unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be deemed guilty of a misdemeanor.

A person who makes, or sells, or offers to sell or dispose of or has in his possession with intent to sell or dispose of any article of merchandise marked, stamped or branded with the words, "coin" or "coin silver," or enclosed in any box, package, cover or wrapper, or other thing in or by which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, "mark" or "trade-mark" indicating or denoting by such marking, stamping, branding, engraving or printing that such article is "coin" or "coin silver," unless nine hundred and twenty-five one-thousandths of the component parts of the metal of which the said article is manufactured are pure silver, shall be guilty of a misdemeanor.

Whoever violates the provisions of this section shall, upon conviction, be subject to a fine not exceeding one hundred dollars for each offense or be imprisoned in the county jail not more than thirty days.

VIRGINIA.

LAWS OF 1895-96, PAGE 349.

1. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise, marked, stamped or branded with the words "sterling" or "sterling silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in, by or which the said article is packed, enclosed, or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is silver, sterling silver, or solid silver, unless nine hundred and twenty-five one-thousandths part of the component parts of the metal of which the said article manufactured is pure silver, is guilty of a misdemeanor, and on conviction thereof shall be fined not less than twenty-five dollars nor more than one hundred and fifty dollars, and, in default of payment, be confined in jail not less than ten nor more than sixty days, or both.

2. A person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise marked, stamped or branded with words "coin" or "coin silver," or encased or enclosed in any box, package, cover or wrapper, or other thing in, by or which the said article is packed, enclosed or otherwise prepared for sale or disposition, having thereon any engraving or printed label, stamp, imprint, mark, or trade-mark, indicating or denoting by such marking, stamping, branding, engraving or printing that such article is coin or coin silver, unless nine hundred one-thousandths part of the component parts of the metal of which the said article is manufactured is pure silver, is guilty of a misdemeanor, and on conviction thereof shall be fined not less than twenty-five dollars nor more than one hundred and fifty dollars, and, in default of payment, be confined in jail not less than ten nor more than sixty days, or both.

3. Any person who makes or sells, or offers to sell or dispose of, or has in his possession with intent to sell or dispose of, any article of merchandise made of gold of a less karat of fineness than is stamped or marked on it, or of a less karat of fineness than is engraved, printed, stamped or imprinted on the tag, card, box, label, package, wrapper, cover or other thing in, by or which the said article is packed, enclosed or otherwise prepared for sale or disposition, shall be guilty of a misdemeanor, and, on conviction thereof, shall be fined not less than twenty-five dollars nor more than one hundred and fifty dollars for such offence, and, in default of payment, be confined in jail not less than ten nor more than sixty days, or both.

TABLES OF WEIGHTS.

TROY WEIGHTS.

24 grains = 1 dwt. (pennyweight).
480 grains = 20 dwts. = 1 oz. (ounce)
5760 grains = 240 dwts. = 12 ozs. = 1 lb. (pound).

AVOIRDUPOIS WEIGHTS.

437½ grains = 1 oz. 7000 grains = 16 oz. = 1 lb.
The grain is the same in both cases.
175 oz. Troy = 192 oz. Avoirdupois.
1 oz. Troy = 31.1 grammes.
1 gramme = 15.4 grains.

The following table will show the proportion of fine metal there should be in each standard per pound Troy weight:

GOLD.

	ozs.	dwts.	
22 karat	11	0 = 917	millims.
18 "	9	0 = 750	"
15 "	7	10 = 625	"
12 "	6	0 = 500	"
9 "	4	10 = 375	"

SILVER.

Britannia Standard	11	10 = 959	"
Sterling Standard	11	2 = 925	"
Scotch Standard	11	0 = 917	"
Coin Standard	10	16 = 900	"

In London, May, 1879, the Select Committee appointed by the House of Commons to inquire into the operation of the Acts relative to the Hall-marking of Gold and Silver Manufactures considered the matters to them referred, and agreed to the following Report:

The lower standards of gold, viz., 15, 12, and 9 karats (equal respectively to $\frac{15}{24}$, $\frac{12}{24}$, and $\frac{9}{24}$, of pure metal), should be discontinued. A composition containing *less than two-thirds of pure metal ought not to be called by the name of that metal.*

THE TROY AND DECIMAL SYSTEM—EQUIVALENTS.

Dwts.	Decimal.	Grains.	Decimal.
20	= 1.000	23	= 0.048
19	= 0.950	22	= 0.045
18	= 0.900	21	= 0.043
17	= 0.850	20	= 0.041
16	= 0.800	19	= 0.039
15	= 0.750	18	= 0.037
14	= 0.700	17	= 0.035
13	= 0.650	16	= 0.033
12	= 0.600	15	= 0.031
11	= 0.550	14	= 0.029
10	= 0.500	13	= 0.027
9	= 0.450	12	= 0.025
8	= 0.400	11	= 0.022
7	= 0.350	10	= 0.020
6	= 0.300	9	= 0.018
5	= 0.250	8	= 0.016
4	= 0.200	7	= 0.014
3	= 0.150	6	= 0.012
2	= 0.100	5	= 0.010
1	= 0.050	4	= 0.008
		3	= 0.006
		2	= 0.004
		1	= 0.002

EXAMPLE.

Ozs. 71.15.12
decimally expressed
would be

71 Ozs.	71.000
15 Dwts.	0.750
12 Grs.	0.025
	71.775

ALPHABETICAL INDEX TO FIRMS HAVING TRADE-MARKS.

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NOTE: The article "the" and its French equivalents "le," "la" and "les" are omitted except where they form part of a proper name. In seeking a monogram, as it is often difficult to determine in which order the letters should come, look for each letter until the right combination is found.

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(OVER)

RELIABLE TRADE-MARKS.

Sterling Hollowware.

THE BARBOUR SILVER CO.

(Factory A, International Silver Co., Successor).

Formerly located in Hartford. This trade-mark appears on sterling hollowware manufactured by them.

B. S. C.

WORKS, MERIDEN, CONN.

MERIDEN BRITANNIA CO.

(Factory E, International Silver Co., Successor).

This trade-mark appears on sterling hollowware made by them, and at the present time the line made embraces nearly everything that can be conceived or thought of in the way of Sterling Silver. The designs and finishes are unsurpassed.

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WORKS, MERIDEN, CONN.

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(Factory N, International Silver Co., Successor).

This trade-mark appears on sterling hollow ware made by them. Any article so stamped can be safely looked upon as the best of the kind it is possible to produce.

WORKS, MERIDEN, CONN.

SIMPSON, HALL, MILLER & CO.

(Factory L, International Silver Co., Successor).

This trade-mark appears on the sterling hollowware made by them, and includes a line of Hand Wrought Silver, with Floral Decorations, as well as many beautiful designs in Toilet Ware.

WORKS, WALLINGFORD, CONN.

THE WATROUS MFG. CO.

(Factory P, International Silver Co., Successor).

This trade-mark appears on sterling hollowware made by them, and includes a large variety of Napkin Rings, Cups and small articles, as well as a general line of larger pieces.

W STERLING 925/1000 FINE.

WORKS, WALLINGFORD, CONN.

Standard Hollowware.

THE DERBY SILVER CO.

(Factory B, International Silver Co., Successor).

This trade-mark appears on plated hollowware made by them, and the line made has always been salable and desirable.

WORKS, DERBY, CONN.

ROGERS, SMITH & CO.

(Factory E, International Silver Co., Successor).

This Company was established in New Haven nearly fifty years ago, and the trade-mark shown has always been looked upon by the best trade as a guarantee of unsurpassed reliability.

WORKS, MERIDEN, CONN.

Standard Hollowware.

THE BARBOUR SILVER CO.

(Factory A, International Silver Co., Successor).

BARBOUR SILVER CO. NICKEL SILVER

BARBOUR SILVER CO. QUADRUPLE SILVER

Formerly located in Hartford. One or the other of these trade-marks appear on the plated hollowware made by them. The Nickel Silver line in particular is well known for its excellence in design and general attractiveness.

WORKS, MERIDEN, CONN.

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1847 ROGERS SMITH & BRO. STERLING SILVER

The round trade-mark is used on their standard grade of White Metal hollowware, which has been on the market for half a century. The Nickel Silver White Metal Mounts trade-mark is used on a new line of hollowware, especially designed for fine retail trade. The Silver Soldered trade-mark is used on the finest grade of Nickel Silver hollowware that can be produced, and is especially desirable for hotels, clubs or family use, where the best and most expensive grade of silver plate can be afforded and used.

WORKS, MERIDEN, CONN.

THE MERIDEN SILVER PLATE CO.

(Factory F, International Silver Co., Successor).

THE MERIDEN SILVER PLATE CO.

TRADE MARK

This trade-mark appears on plated hollowware made by them. This brand of Meriden Ware has been produced for many years, and is handled by a large number of dealers with great success.

WORKS, MERIDEN, CONN.

WILCOX SILVER PLATE CO.

(Factory N, International Silver Co., Successor).

WILCOX SILVER PLATE CO.

This trade-mark appears on plated hollowware made by them, and has been noted for years, from the fact that many of the most beautiful designs brought out have been produced by this company, and have borne this trade-mark. The designs turned out at the present time are up to their usual high standard.

WORKS, MERIDEN, CONN.

SIMPSON, HALL, MILLER & CO.

(Factory L, International Silver Co., Successor).

MANUFACTURED AND PLATED BY SIMPSON HALL MILLER & CO U.S.A.

This trade-mark appears on plated hollowware made by them, and has had a large sale in this country as well as abroad. Their shapes, styles and finish are always the best that it is possible to produce.

WORKS, WALLINGFORD, CONN.

RELIABLE TRADE-MARKS.

Sterling Flatware.

MERIDEN BRITANNIA CO.

(Factory E, International Silver Co., Successor).

This trade-mark is on sterling silver flatware made by them, and at the present time is being stamped on a number of new, desirable and very salable patterns in heavy and medium weights.

TRADE MARK
STERLING 925/1000 FINE

WORKS, MERIDEN, CONN.

SIMPSON, HALL, MILLER & CO.

(Factory L, International Silver Co., Successor).

This trade-mark appears on sterling flatware made by them, and includes quite a variety of styles covering the wants of nearly every first-class dealer.

TRADE

WORKS, WALLINGFORD, CONN.

Sterling Inlaid Flatware.

THE HOLMES & EDWARDS SILVER CO.

(Factory C, International Silver Co., Successor).

E HOLMES & EDWARDS STERLING INLAID HE

This trade-mark appears on all sterling silver inlaid flatware. Spoons and forks bearing this trade-mark are made by a patented process, each article having a piece of pure silver inserted at the points most exposed to wear. This brand is guaranteed in family use to wear twenty-five years.

WORKS, BRIDGEPORT, CONN.

Plated Flatware.

THE HOLMES & EDWARDS SILVER CO.

(Factory C, International Silver Co., Successor).

✠ HOLMES & EDWARDS.

This trade-mark appears on plated flatware manufactured by them.

WORKS, BRIDGEPORT, CONN.

THE WM. ROGERS MFG. CO.

(Factory H, International Silver Co., Successor).

ROGERS

1865 WM. ROGERS MFG. CO.
WM. ROGERS & SON.

For 38 years located at Hartford. One of these trade-marks appear on plated flatware made by them. These brands have been well known for many years.

WORKS, MERIDEN, CONN.

Plated Flatware.

MERIDEN BRITANNIA CO.

(Factory E, International Silver Co., Successor).

"1847 ROGERS BROS."

The above trade-mark appears on plated flatware manufactured by them. This brand was first made by Rogers Bros. in Hartford, established in the year 1847, and it has been recognized as the standard of quality from the year it was first put upon the market.

WORKS, MERIDEN, CONN.

ROGERS, SMITH & CO.

(Factory E, International Silver Co., Successor).

ROGERS, SMITH & CO.

This trade-mark appears on plated flatware made by them.

WORKS, MERIDEN, CONN.

SIMPSON, HALL, MILLER & CO.

(Factory L, International Silver Co., Successor).

Wm ROGERS

This trade-mark appears on plated flatware made by them, and has met with a large sale for many years. The dealers handling the "Eagle Brand" have always been well satisfied with the result from its sale.

WORKS, WALLINGFORD, CONN.

ROGERS & BROTHER.

(Factory J, International Silver Co., Successor).

★ ROGERS & BRO. A-1.

This trade-mark appears on plated flatware made by them. The "Star Brand" has been upon the market for half a century, and is handled by many of the most exclusive dealers as their leading line of electro-plate.

WORKS, WATERBURY, CONN.

THE ROGERS & HAMILTON CO.

(Factory K, International Silver Co., Successor).

ROGERS & HAMILTON.

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One or the other of these trade-marks appear on the plated flatware made by them. These stamps have been well known throughout the trade for many years, and the fancy pieces in particular have met with a ready sale.

WORKS, WATERBURY, CONN.

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