



## James W. Tufts soda water apparatus.

[Boston, Mass.]: [J.W. Tufts], 1885

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WATER  
APPARATUS

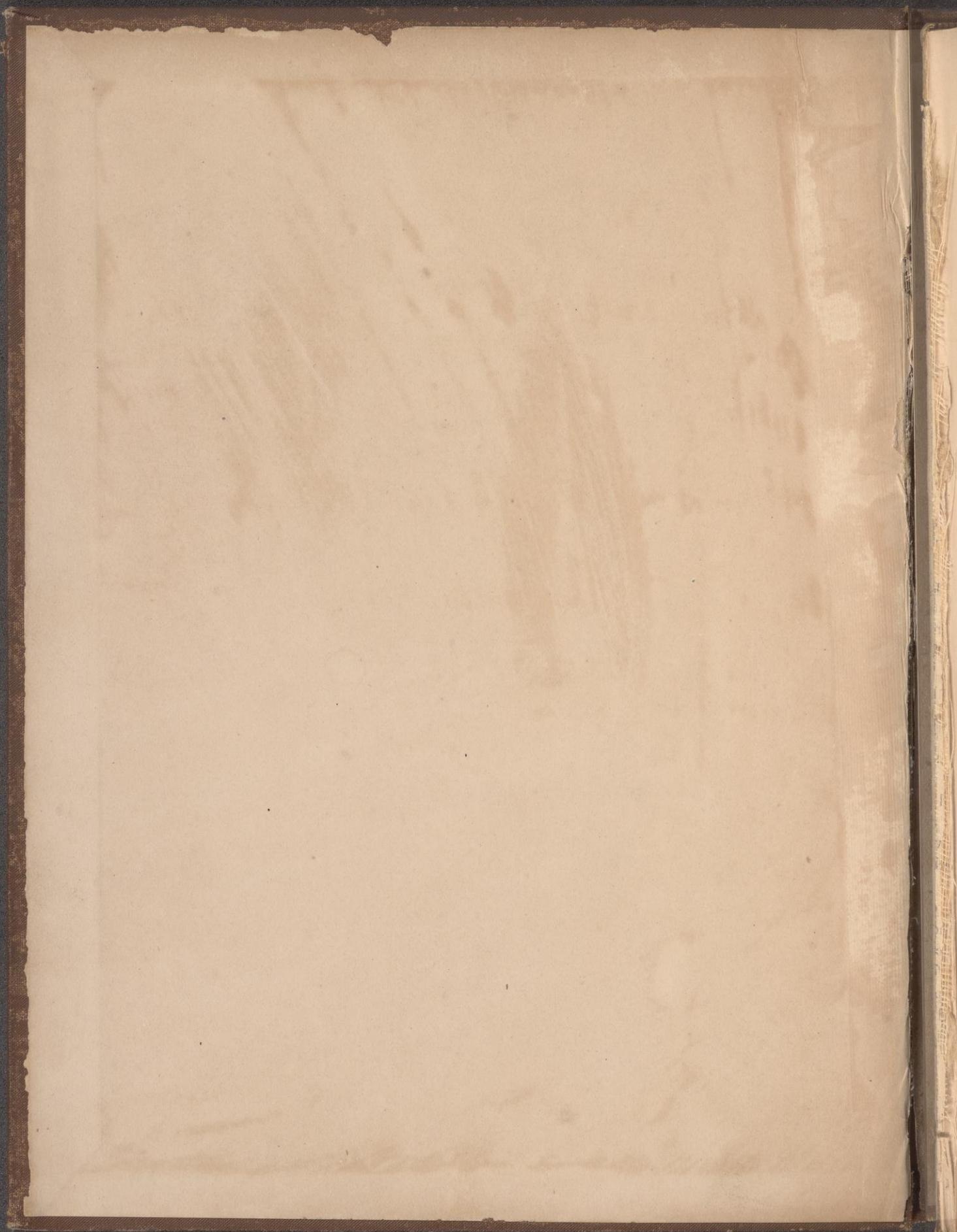
JAMES·W·TUFTS



SODA WATER APPARATUS



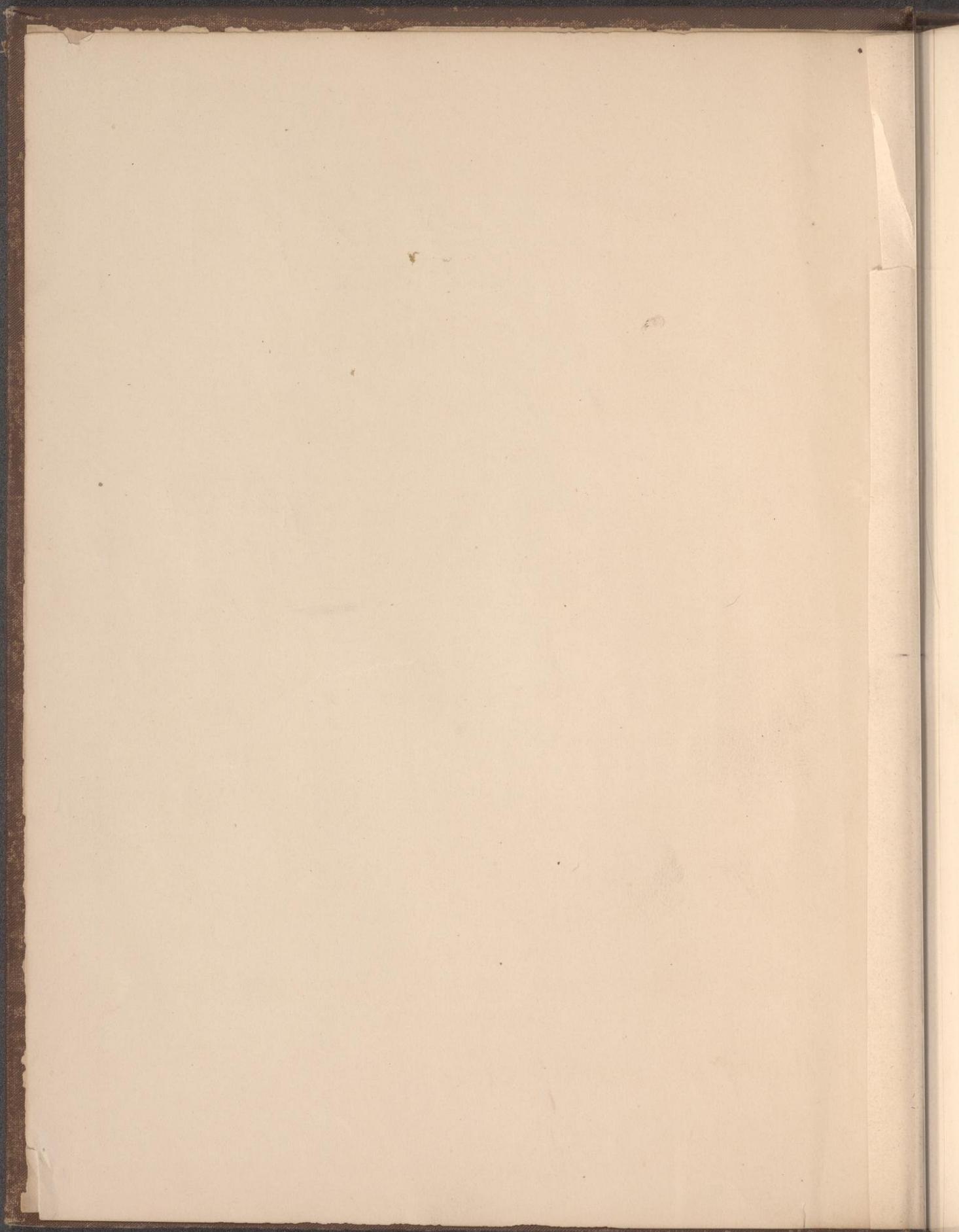
BOSTON MASS.



Autograph  
by EK

ABOUT  
1885

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## JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

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### IMPROVEMENTS.

I have kept constantly in view the perfection of my apparatus, and this year offer improvements in several directions, which keep the Arctic ahead of all others, as the most attractive in appearance, the most convenient in use, the most substantial in wear, the most economical in cooling, and delivering the beverages colder than is possible to others. While considering all the points that go to make up a perfect apparatus, with a view to these improvements, I have kept the price as low as before, keeping the Arctic, not only the best, but the cheapest, apparatus manufactured.

### DESCRIPTION OF THE ARCTIC SODA-WATER APPARATUS.

#### MARBLES.

None but the very finest grades of foreign and American fancy marbles are used, and in white marble only the best Italian. In finishing and polishing the marble for apparatus, only the very best mechanics are employed; so that, when it leaves my establishment, the marble-work is perfect in material and finish.

#### SILVER-PLATING.

This part of the apparatus is a matter of the greatest importance to the user, for the expense of replating an apparatus is very large. My plating is done in the most thorough manner, and the deposit of silver is several times heavier than the so-called "triple plate." It is intended to last, with constant use, many years; and there are numbers of my apparatus which have been in use over ten years, with the plating still as perfect as when new.

#### INNER CASING, OR SHELL.

The shell of the Arctic is made of heavy copper, and so substantially put together and finished, that, out of the thousands in use, I have never known a single case of leakage.

This shell, which contains the syrup-cans, coolers, etc., is set in such a way as to make a dead-air space between it and the marble, thus preventing the sweating of the marble so common in the apparatus of other manufacturers.

#### ICE-CASE.

The ice-case of the Arctic is so arranged as to economize every inch of available space; and as the casing, or shell, contains the syrup-cans as well as the coolers, the surplus ice and ice-water fall around the syrup-cans, thus making the syrup very cold, even before it passes into the extension-cooler. In this way, there is no loss of cooling-power, or waste of ice, as there must be where the syrup-cans are placed outside the ice-case, or simply with ice at their sides.

#### NEW PATENT BLOCK-TIN COOLER.

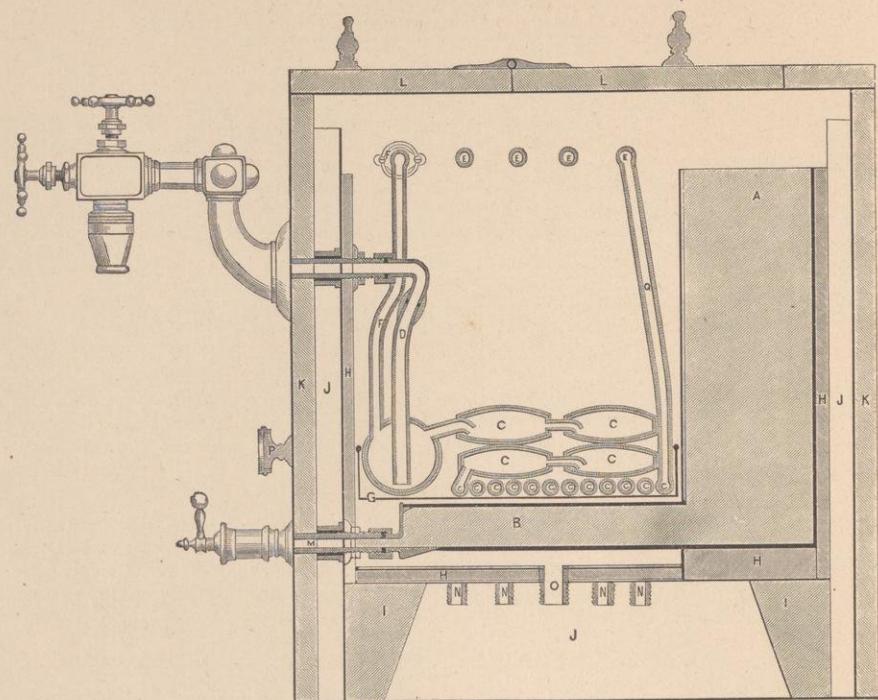
As the result of long experiment, I have at last invented and patented a cooler that combines every thing desirable, and is much superior to any ever before made. It is composed of block-tin of such thickness that it is practically impossible for it ever to wear out, while the necessary strength is given it by an outer casing of copper.

This new cooler is a series of cells, or cups, connected together and firmly fitted in one piece. Attached to and underlying this series of cups, is a coil of block-tin pipe, through which the water passes first, and then from one cup to another continuously throughout the whole number, and results in producing the most intense degree of coldness possible to soda-water, no matter how rapidly the water may be drawn, even if drawn continuously.

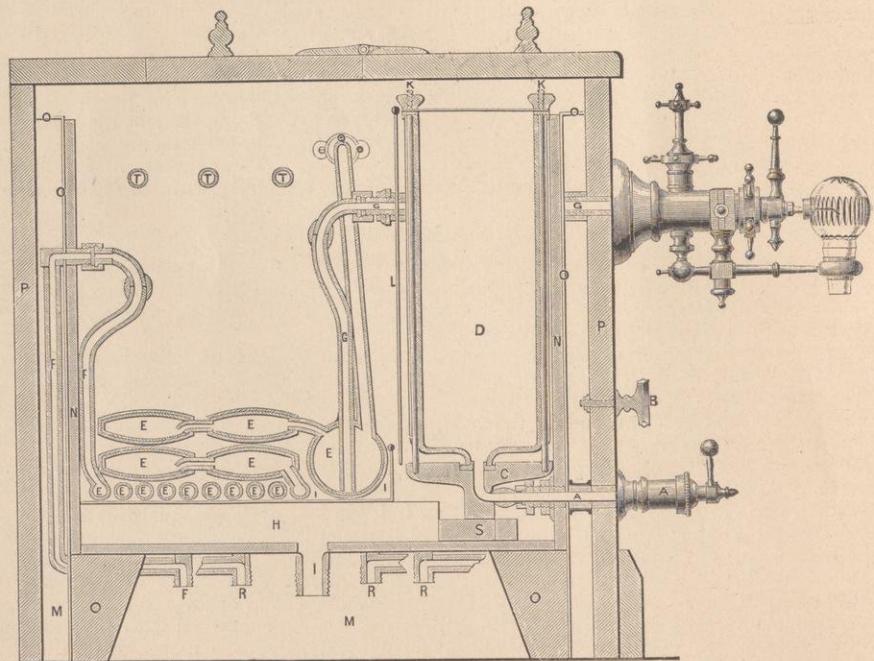
*By my new patent, I have, virtually and practically, a solid block-tin cooler with all the strength and perfection of my patent cup-cooler.*

The inner casing, by my new process, is not an independent piece of sheet-tin, as generally used for such purpose, but a perfect union is formed between it and the outer casing, which is of immense practical advantage. It is a well-known fact, that the greatest degree of cold cannot be communicated through two independent pieces of metal. The space between the surfaces, although so slight as to be almost imperceptible, is sufficient to operate as a non-conductor of cold. By my improved process, I secure a thin, strong casing, combined with a solid cooler of pure block-tin, which together constitute an exact equivalent of one metal, while the inner surface is permanently pure and indestructible.

Not only are the patent soda-water coolers of solid block-tin, but the cylinder-coolers for mineral-waters, etc., are also of solid sheet block-tin, with an outer casing of copper to give the necessary strength.



No. 1.



No. 2.

SECTIONAL VIEWS OF INSIDE ARCTIC SODA-WATER APPARATUS.

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## THE CAPITOL.

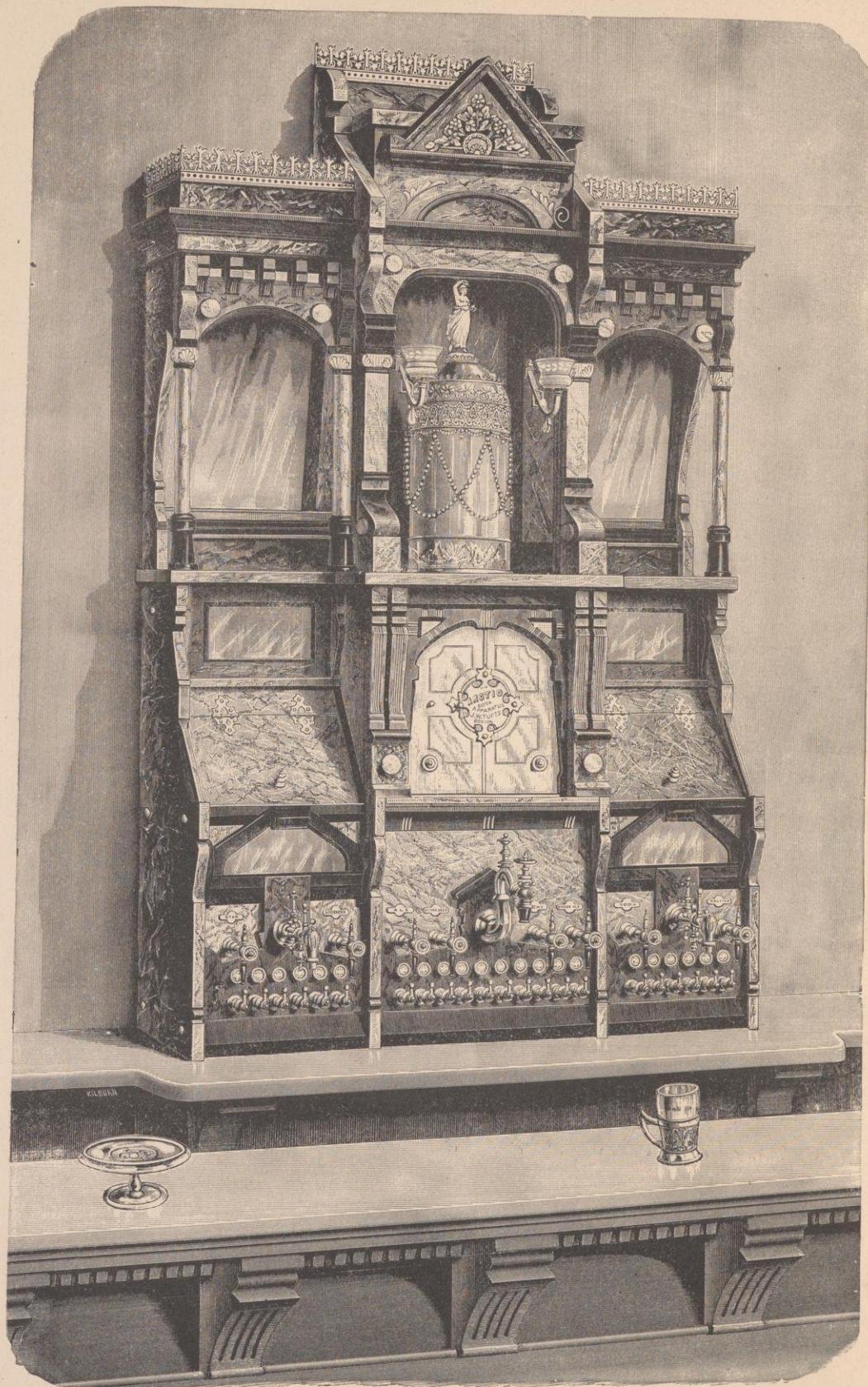
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THIS is one of the finest and most elaborate wall-apparatus ever made. The body is of Italian Bardiglio, with pilasters and sides of Formosa. On each side of body proper are recessed cabinets of Formosa marble, with very substantial double cap of black, supporting an Onyx base, on which rest bronze statues (three feet three inches high) serving as gas-holders. In inlaid recesses of these cabinets are two mirrors placed at right angles, and incased in black-marble frames. Above the cabinets rise very heavy pilasters of black, surmounted by circular shelf, also of black. The front of body has base-moulding of black, and overlaying tablets of Egyptian, black, and Griotte marbles; above which in the three sections are bevelled-edged mirrors, framed in black marble ornamented with gold. Directly over the centre of body are silver-plated doors set in casing of black marble, and within a portico of elaborate design furnished with pillars, capitals, and bases of Onyx, African, and Egyptian respectively. This door, with the sloping-roof sections on each side of central portico, furnishes easy access to all parts of the interior. Above the sloping-roof sections are mirrors set in frames of Sienna marble. Over all is a canopy of Formosa, supported by six Onyx pillars, and capped with African and black marbles ornamented in gold. This canopy is divided into three sections, the central one of which has a novel and unique water-attachment in form of globe, behind which is a mirror of French plate-glass framed in black marble. The side sections of canopy hold inclined mirrors of French plate-glass framed in black; and attached to sides of central portion are gas-brackets and globes, so arranged as to swing out in front of inclined mirrors. The whole design and finish of this apparatus are such that engraving or description fails to convey to the minds of those who have not seen it, any adequate idea of its architectural beauty, and rich effects of its blended colors of marble and silver.

SIZE.—Length, 9 feet 3 inches; height, 9 feet 11 inches; depth at base, 2 feet; extreme depth, 2 feet 2 inches.

### PRICE.

With twenty-two syrups and eleven draught-tubes . . . . . \$5,000



THE PEORIA.

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## THE CLARENDOON.

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THIS is an elegant wall-apparatus. A peculiarity of this design is the placing of the water-fountain just above the body; so that this feature of an apparatus, which generally adds to its height, is retained without making the extreme height too great for a store of ordinary size. The body of the one shown in the engraving is of black marble, while the mouldings at the base and between top and lower sections are of Griotte marble. The tablet is of Italian Bardiglio marble, the sides of the top section and the dividing-wings are of black marble, the various shelves of African, the supporting brackets of Sevier, and the pillars of Onyx. The curtains to the three divisions are of white Italian, and the cornice of Egyptian marble. Two elegant gas-fixtures project from the centre of each side division, while in the centre division is placed a water-fountain covered by a roof of Sevier marble. Mirrors of the finest French plate-glass are set in the rear of the side divisions.

SIZE.—Length, 5 feet 10 inches; depth, 2 feet; height, 6 feet 6 inches.

### PRICE.

With Twenty-four Syrups and Thirteen Draught-Tubes.

In white Italian marble, base of black, tablet of Sevier, and trimmings of fancy marbles . . . . .	\$1,700
In Sevier marble, with base of black, tablet of Formosa, and trimmings of fancy marbles . . . . .	1,775
In black marble, with Griotte base, tablet of Italian Bardiglio, and trimmings of fancy marbles . . . . .	1,925
In Tennessee or Italian Bardiglio marble, with black base, tablet of Formosa, and trimmings of fancy marbles . . . . .	2,000

For such expensive and elaborate apparatus, I would advise the higher-cost marbles.

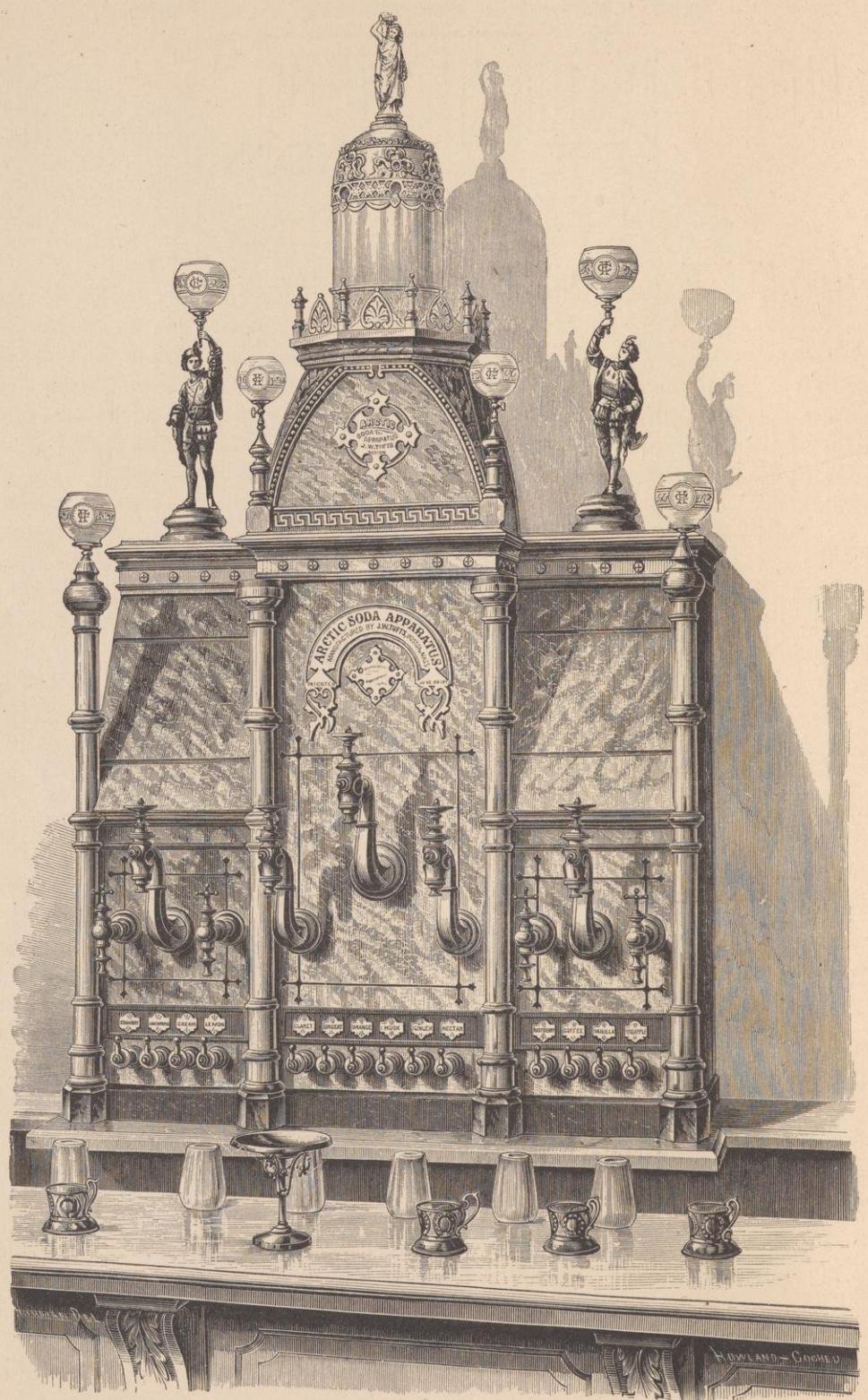
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## THE CLARENDOON, NO. 2.

THIS is a modification of the regular Clarendon, in which the construction is the same, with the exception of the tablet on front, which is omitted in this.

SIZE.—Length, 6 feet 6 inches; depth, 2 feet 2 inches; height, 6 feet 6 inches.

Price, with twenty-two syrups and thirteen draught-tubes, same as for regular Clarendon.



THE ACME.

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## THE VIRGINIAN.

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A MASSIVE and elegant counter-apparatus. The body is Formosa, with base and cornice mouldings of black. The two massive faces, also of Formosa, and four times the ordinary thickness, rise with a graceful curve to support the heavy roof of black and African, reaching out at each side to meet the pinnacles.

The covers are Tennessee. At each corner of body is a pillar of Onyx, with base of black and Pyrenees green, and cap of black, supporting a heavy pinnacle of Griotte and black, surmounted by a gas-jet, with shade of unique shape and beautiful color.

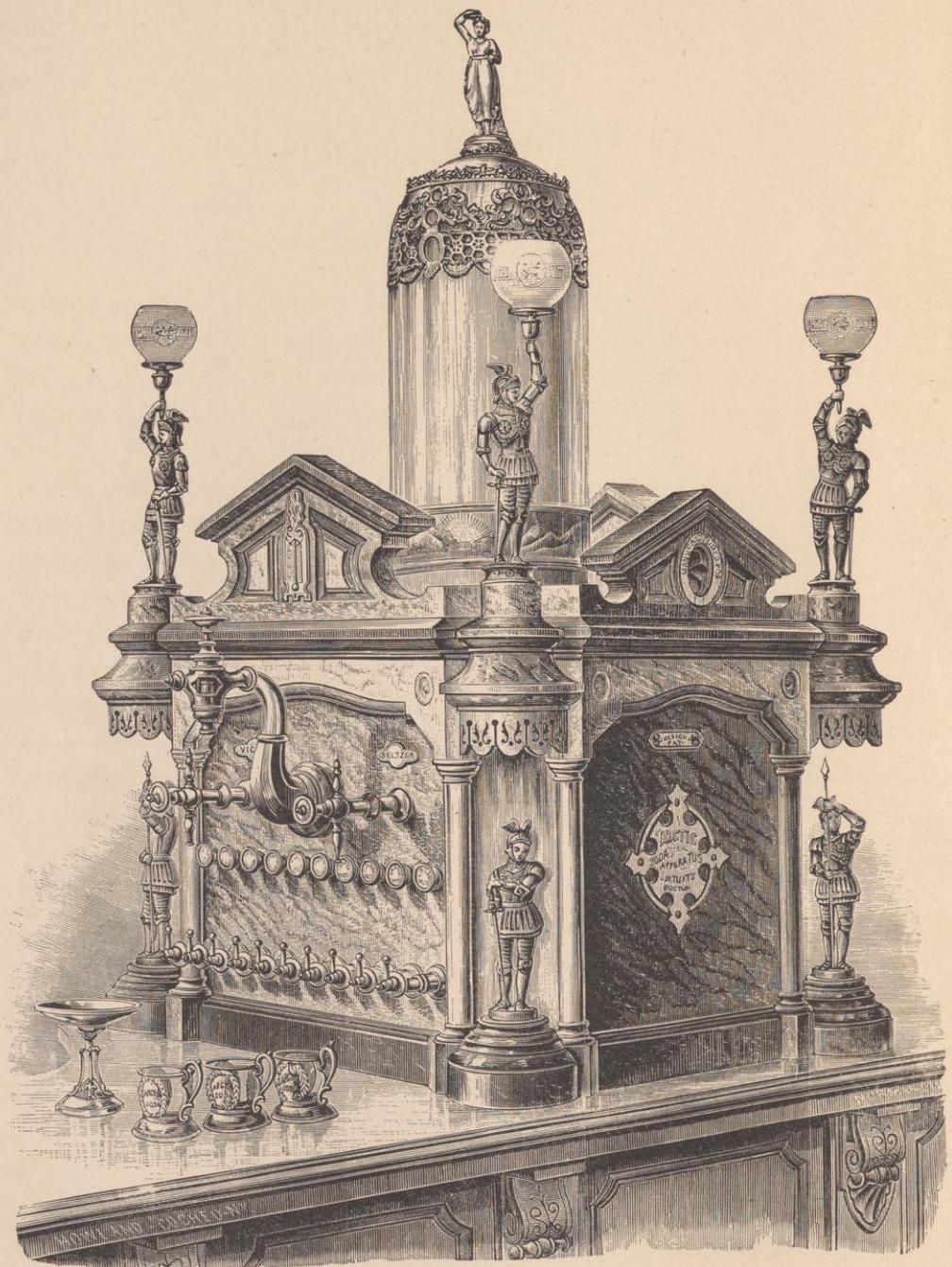
The space between faces is filled by inclined mirrors of French plate-glass, framed in Sienna. Knobs of Onyx and carved tracery, with gold-leaf, ornament and relieve the faces and sides. From each of the faces projects the novel and attractive globe water-fountain, wherein the jet of water continually rings a bell. Is well adapted for use in centre of store. The apparatus has ten syrups and five draught-tubes on each side.

SIZE.—Height of marble, 77 inches; square at base, 34 inches.

### PRICE.

#### With Twenty Syrups and Ten Draught-Tubes.

In white Italian, base-moulding of black, covers and roof of Sevier, pillars and trimmings of fancy marbles . . . . .	\$2,000
In Sevier, with base-moulding, covers, and roof of black, pillars and trimmings of fancy marbles . . . . .	2,050
In black, with base-moulding of Griotte, covers and roof of Tennessee, pillars and trimmings of fancy marbles . . . . .	2,150
In Formosa, with base-moulding of black, covers of Tennessee, roof of African, pillars of Onyx, and trimmings of fancy marbles . . . . .	2,250
In Italian Bardiglio or Tennessee, base-moulding of black, covers of Formosa, roof of Egyptian, pillars of Onyx, and trimmings of fancy marbles . . . . .	2,250



THE STATUE.

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## THE BALTIMORE.

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THIS elegant wall-apparatus, as shown in the engraving, has body of Italian Bardiglio marble, with base-mouldings of black, and overlay of Formosa marble. In centre of working-section is an inclined door of black marble, by means of which the interior is reached. On each side of this door rise pediments of Italian Bardiglio marble, ornamented by small Onyx inlays, and capped by gables of Rouge-Jasper marble having black covings; while on inner side of each pediment is placed a small French-plate mirror. Over the body rises a canopy supported by six pillars of African marble, with bases and capitals of black and Onyx marble respectively. The canopy is divided into three sections, each having as background mirrors of finest French plate. The central mirror is inclined, and placed directly in front of it is my new globe water-fountain of peculiarly unique and pleasing design. Enclosing the water-fountain is a Gothic portico of Italian Bardiglio marble, capped with black, attached to which is gas-fixture of lantern-shape, ornamented with numerous glass pendants of ball-form. Above mirrors, and serving as superstructure on both sides of portico, are double moulded cappings of Sienna and black marble, surmounted by an elegant silver rail.

SIZE.—Length, 54 inches; depth, 26 $\frac{3}{4}$  inches; height, 78 $\frac{1}{2}$  inches.

### PRICE.

#### With Eighteen Syrups and Nine Draught-Tubes.

In white Italian marble, with base of black, tablets of Sevier, gables of Tennessee, Onyx pillars, and top-mouldings of African and Sevier marbles .	\$1,550
In Sevier marble, with base of black, tablets of Italian Bardiglio, gables of Egyptian, African pillars, and top-mouldings of Griotte and Tennessee .	1,600
In black marble, with base of Griotte, tablets of Formosa, gables of African, Onyx pillars, and top-mouldings of Sevier and Egyptian. . . . .	1,700
In Italian Bardiglio marble, or Tennessee, with base of black, tablets of Formosa, gables of Rouge-Jasper, African pillars, and top-mouldings of Sienna and black marbles . . . . .	1,800



THE MARQUETTE.

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## THE COMMONWEALTH.

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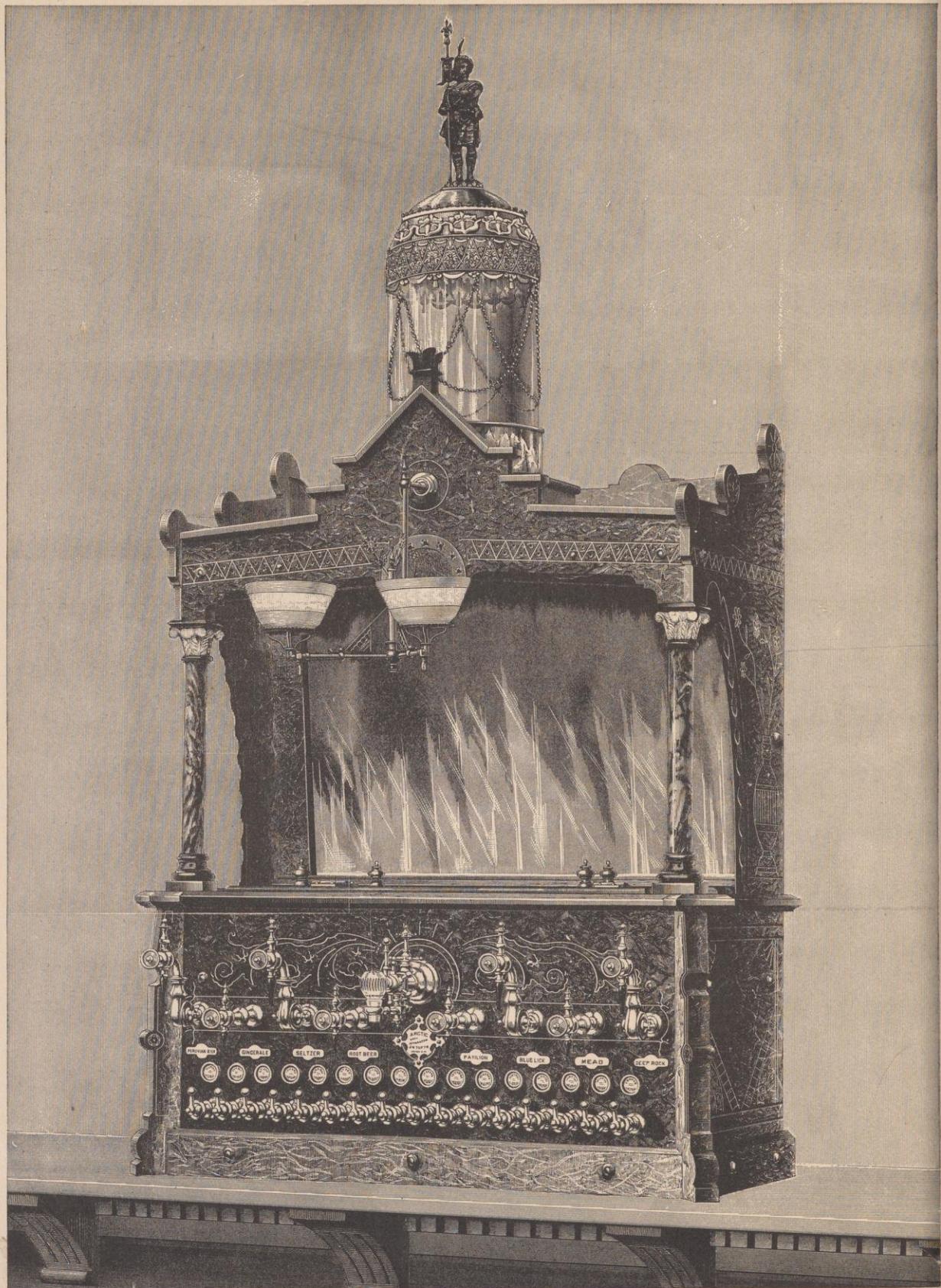
A WALL-APPARATUS of elaborate design and of elegant and imposing appearance. Both body and upper section are of black marble, the base of Egyptian; and the tablet, which projects beyond the body-line, is of Griotte. A peculiar feature of this design is the double supporting columns of the top section, which are surmounted by a gable-roof, and between the sides of which are set tiles of Onyx elaborately carved. The main roof is of African marble, surmounted by a shell of black marble. Across the top, between the side gable-roofs, runs a double railing; and each of the gable-roofs is surmounted by a silver-plated finial with sunflower design. A mirror of finest French plate-glass is set in back, on each side of which is placed a gas-bracket.

SIZE.—Length, 4 feet; depth, 2 feet; height to top of marble, 7 feet 3 inches; extreme height, 8 feet 3 inches.

### PRICE.

With Sixteen Syrups and Seven Draught-Tubes.

In white Italian marble, with black base, Onyx tiles, Sevier tablet and roof . . . . .	\$1,150
In Sevier marble, with black base, Onyx tiles, Tennessee tablet, and Formosa roof . . . . .	1,200
In black marble, with Egyptian base, Onyx tiles, Griotte tablet, and African roof . . . . .	1,275
In Italian Bardiglio or Tennessee marble, with black base, Onyx tiles, Formosa tablet, and Egyptian roof . . . . .	1,300



THE TEXAN.

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## THE ARTIST.

**A** WALL-APPARATUS. The base-moulding and body-tablets are of black marble. The body-marble is of Italian Bardiglio, surrounded by a cornice of Tennessee marble. Immediately below the cornice is set a row of elegant tiles. The centre of the body projects beyond the side sections, which form elegantly receding wings.

The upper part of the apparatus is divided into three sections. The centre section, in keeping with the body below, projects beyond the sides, and has a flat roof, supported by pillars of fancy marble, and wings of white Italian marble. The side sections have slanting roofs of white Italian marble, supported in front by pillars, and in rear by pilasters of fancy marble. A mirror of French plate-glass is placed in rear of the centre section, and engraved marble tablets or tiles in rear of side section. In upper part of centre, and also sides, are placed plates of stained glass elaborately ornamented.

SIZE.—Length, 60 inches; depth, 25 inches; height, 92 inches.

### PRICE.

With Eighteen Syrups and Ten Draught-Tubes.

In black marble, base of Griotte, tablet of Formosa, and trimmings of fancy marbles . . . . .	\$1,950
In Italian Bardiglio, Tennessee, or Griotte, with black base, tablet of African, and trimmings of fancy marbles . . . . .	2,000

## THE TOPEKA.

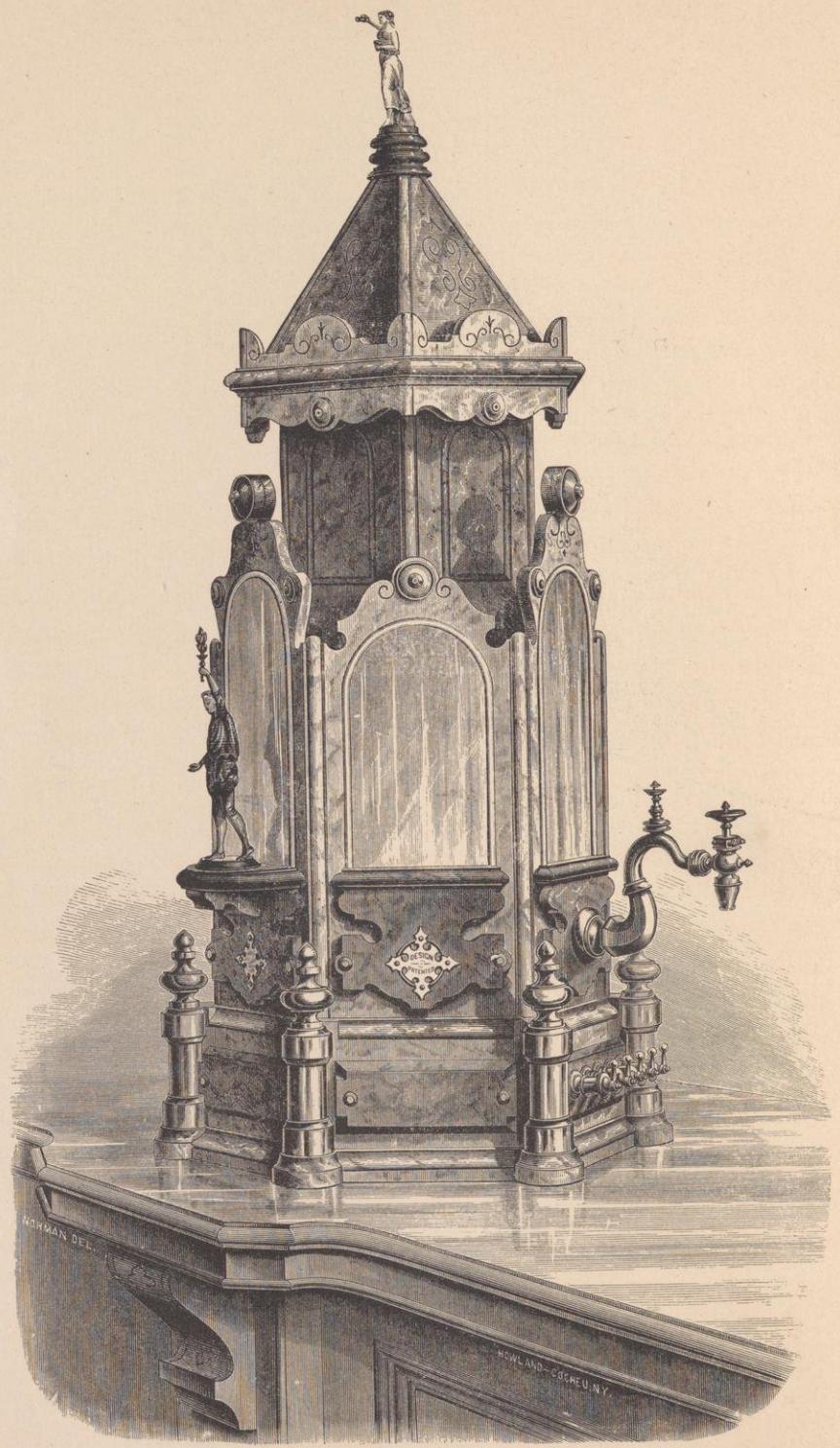
**A** WALL-APPARATUS of elegant design. As shown, the Topeka has a body of Formosa marble, with base of black, and front-moulding of Griotte. The top-moulding and cover of body are of black marble. Above the working-section of body rises a superstructure, containing as its central feature a mirror of finest French plate, incased in frame of black marble; on each side of which are pilasters of Formosa, and columns of Onyx. The capping over all is of black and Griotte marble, from the centre of which hangs a double gas-bracket; and on each end is placed an elegant vase.

Length, 43½ inches; depth, 24½ inches; height of body, 23¾ inches; height of marble, 67 inches; extreme height, including vases, 74½ inches.

### PRICE.

With Fifteen Syrups and Eight Draught-Tubes.

In black marble, with black base, tablets of Griotte, and trimmings of fancy marbles . . . . .	\$1,300
In Formosa, Italian Bardiglio, or Tennessee marble, base of black, tablets of either of above different from body, and trimmings of fancy marbles .	1,400



THE SOVEREIGN.

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## THE CHARLOTTE.

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**A** WALL-APPARATUS. The body is of black marble, with base and cornice mouldings of Griotte, and an overlaid tablet of Tennessee. The cover is black, and is made in three sections, each hinged in the centre, and opening back and front. The upper section is black, supported in front by two columns of African Onyx. The cornice and keystone are Griotte, the finials black marble. The back is divided into three sections by partition-brackets of African, and in the intersections are inclined plate-mirrors framed in Sienna. The ceiling is white Italian. From the keystone drops a gas-lantern of burnished brass and crystal pendants.

This combination of marbles in the Charlotte is very effective; the black marble affording a strong contrast with the rich hues of the deep-red Griotte, the brown-and-white Tennessee, the golden-yellow Sienna, the black-and-white African, the flecked-white Italian, and the delicately veined Onyx.

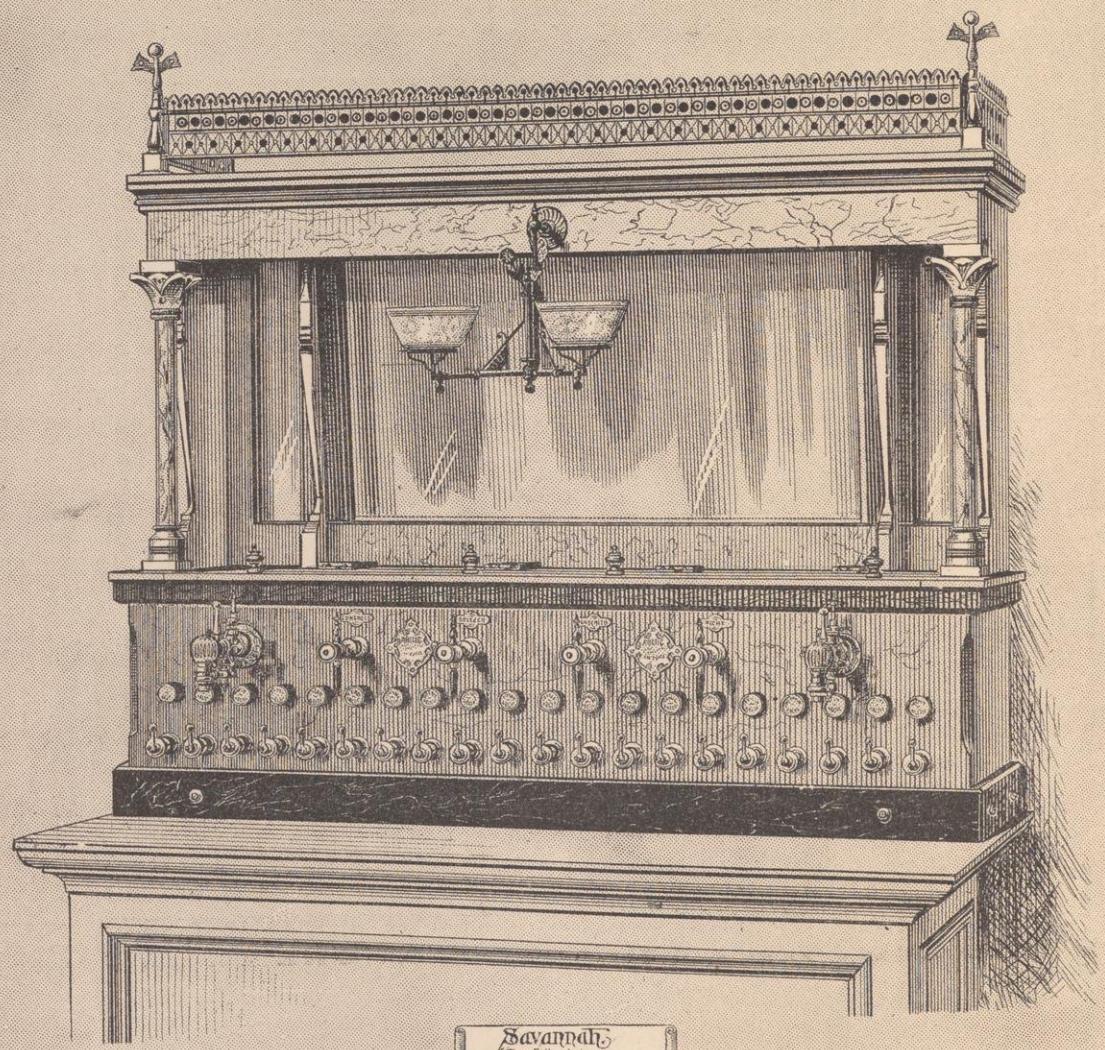
The Charlotte is provided with glass syrup-jars and the new glass-lined syrup-gates. The jars are placed in front of the ice-case, and by a simple device a perfectly tight joint is made with the syrup-gate. The gate is similar in construction to our usual style,—which is so favorably known,—but is cast in pure block-tin, and lined throughout with a glass tube, in the flared end of which fits the plug of hard vulcanized rubber. This gate is inserted from the inside of apparatus, thereby rendering necessary *but one joint*. This method of construction is guaranteed against leakage or drip, and the syrup comes in contact with glass only.

**SIZE.**—Length, 6 feet; depth, 2 feet; height of body, 2 feet 1 inch; extreme height, 6 feet 4 inches.

### PRICE.

With Fourteen Syrups, Two Still Mineral-Water Gates, Two Soda and Six Mineral Draught-Tubes.

In white Italian marble, with black base, Sevier tablet, and fancy trimmings . . . . .	\$1,400
In Sevier marble, with black base and tablet, with fancy trimmings . . . . .	1,450
In black marble, with base of Griotte, tablet of Tennessee, and fancy trim- mings . . . . .	1,550
In Tennessee or Italian Bardiglio marble, with black base, tablet of Formosa, and trimmings of fancy marbles . . . . .	1,650



Savannah

See following page.

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## THE DANVILLE.

A WALL-APPARATUS of rich and novel design. As shown in the engraving, the body and lower sides are of Breccia,—a new and beautiful marble of bright red, mottled and veined, and, as used in this apparatus, of unusual thickness. The tablets are Pyrenees green; the base-moulding, cover, and cornice of black. Above the body is an inclined mirror, oval in shape, of bevelled French plate-glass. The mirror-frame is black, with supporting sides and back of Formosa, African base, black cornice-moulding, and a sloping roof of Breccia.

From two of the ornamented Onyx bosses depend graceful gas-brackets with colored shades; and from a black bracket above the mirror rises the new globe water-fountain, with bell-attachment.

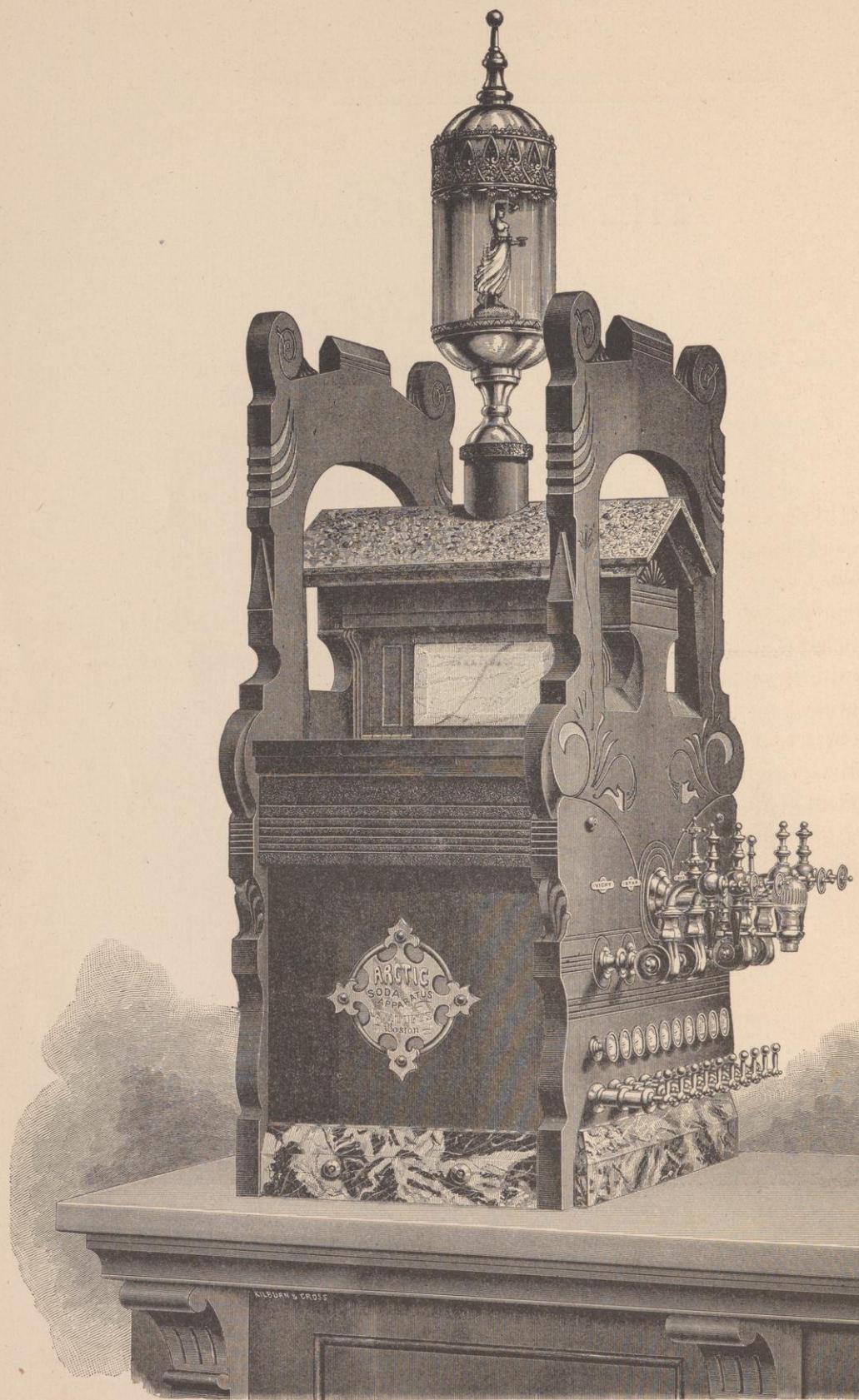
The Danville is greatly admired by all who have seen it, and I consider it one of the best efforts of the designer.

SIZE.—Length, 3 feet 6 inches; depth, 2 feet 1 inch; height of body, 2 feet 2 inches; height to top of marble, 7 feet  $\frac{1}{2}$  inch; extreme height, 7 feet 6 inches.

### PRICE.

With Fourteen Syrups and Five Draught-Tubes.

In white Italian, with black base, tablet of Sevier, and trimmings of fancy marbles . . . . .	\$1,000
In Sevier marble, with black base, tablets of white, and trimmings of black and fancy marbles . . . . .	1,050
In black marble, with base of Griotte, tablets of Formosa, and trimmings of fancy marbles . . . . .	1,150
In Formosa, Italian Bardiglio, or Tennessee marble, with black base, tablets and trimmings of fancy marbles . . . . .	1,250
In Breccia marble, with black base, tablets of Pyrenees green, and trimmings of black . . . . .	1,250



THE RICHMOND.

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## THE MACON.

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A WALL-APPARATUS, noticeable for its correct proportion, and elegant combination of rich marbles, and for the convenience of access to its large ice-case.

For stores where the room cannot be spared for the usual high-back apparatus, and yet where elegance and richness are desired, this is specially adapted.

As shown, the body is of black marble overlaid by tablets of red-mottled Breccia. The pilasters at corners are of Pyrenees green with carved Sienna capitals, and bases and caps of Formosa. Base-moulding and cover are black, and cornice-moulding is Pyrenees.

SIZE.—Length, 54 inches; depth, 25 inches; height, 25 inches.

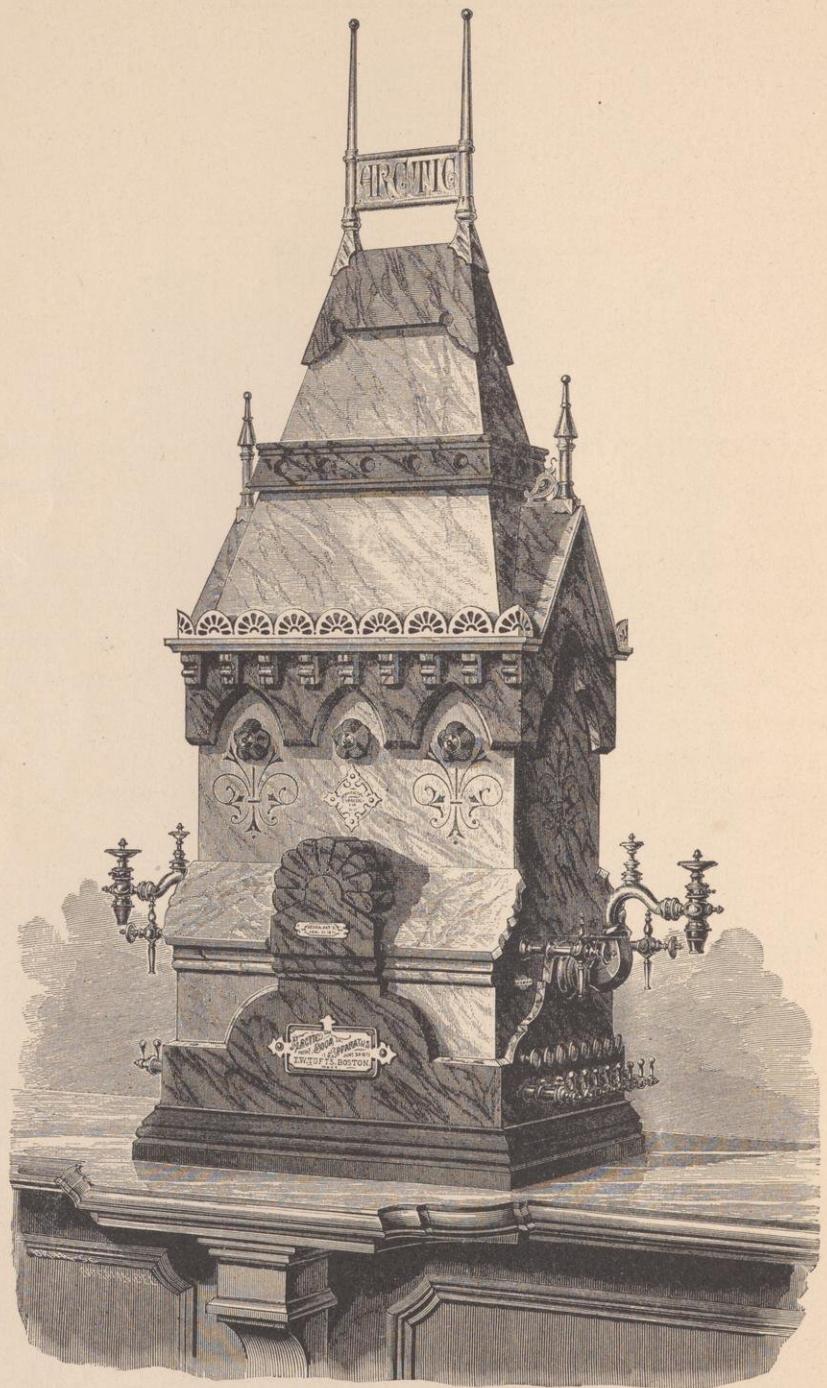
### PRICE.

With Sixteen Syrups and Seven Draught-Tubes.

White Italian, with black base, Sevier tablets and pilasters, and fancy trimmings . . . . .	\$800
Sevier marble, with black base and tablets, Formosa pilasters, and fancy trimmings . . . . .	850
Black marble, with black base, Breccia tablets, Pyrenees green pilasters, and fancy trimmings . . . . .	925
Italian Bardiglio or Tennessee marble, with black base, Formosa tablets, Egyptian pilasters, and fancy trimmings . . . . .	1,000

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The tumbler-washer shown with this apparatus is the No. 1 style described on p. 223.



THE ENTERPRISE.

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## THE CASPIAN.

AS shown, the body is composed of black marble, with base-moulding and cornice of Griotte. The sides and ends are ornamented with engraved lines finished in gold. The roof of body has in centre a square top of black marble, while on each side the sloping portion of body-roof serves as covers. From the centre portion of body-roof rises an elegant structure, supported by pilasters of Formosa marble, with panels of Onyx, forming a hip-roof of black marble, separated into two distinct gables; and between the pilasters on front and back are inserted inclined mirrors. Surmounting the whole is a silver rail with two finials.

SIZE.—Length, 33½ inches; depth, 24½ inches; height of body-marble, 37½ inches; total height of marble, 74 inches; extreme height, 86½ inches.

## PRICE.

## With Twelve Syrups and Five Draught-Tubes.

In white Italian, with base and cornice of black marble, overlay of Onyx, pilasters of Sevier, panels of Tennessee, and roofs of same . . . . .	\$875
In Sevier, with base and cornice of Italian Bardiglio, overlay of Egyptian, pilasters of Tennessee, panels of Onyx, and roofs of black marble . . . . .	900
In black marble, with base and cornice of Griotte, pilasters of Formosa, overlay and panels of Onyx, and roofs of black marble . . . . .	950
In Italian Bardiglio, with base and cornice of black, overlay of Tennessee, pilasters of Sevier, panels of Egyptian, and roofs of Italian Bardiglio . . . . .	975

## THE EBION.

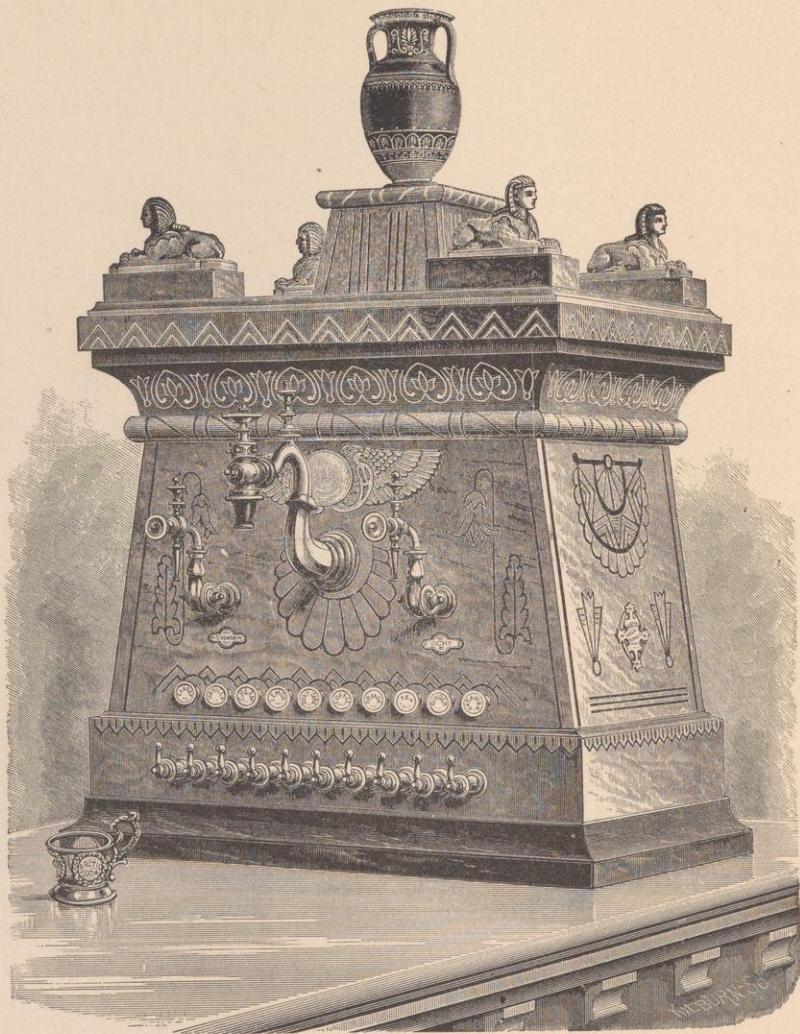
A WALL-APPARATUS. The body of the apparatus shown is of Sevier marble, the base of black, and the tablet and cover are of African marble. The shelf upon which the water-fountain rests is of black marble, with bracket of Italian Bardiglio, and overhanging roof of African marble. A mirror of plate-glass is set in the top section, surrounded by a frame of black marble.

SIZE.—Length, 32 inches; depth, 22 inches; height to top of marble, 59 inches; extreme height, 74 inches.

## PRICE.

## With Ten Syrups and Five Draught-Tubes.

In white Italian marble, with base of black, tablet, cover, and shelf of Sevier marble . . . . .	\$600
In Sevier marble, with base of black marble, tablet, cover, and roof of African marble . . . . .	625
In Tennessee or Italian Bardiglio marble, with base of black marble, tablet of Sevier, and cover of Egyptian marble . . . . .	675



THE EGYPTIAN.

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## THE BONANZA.

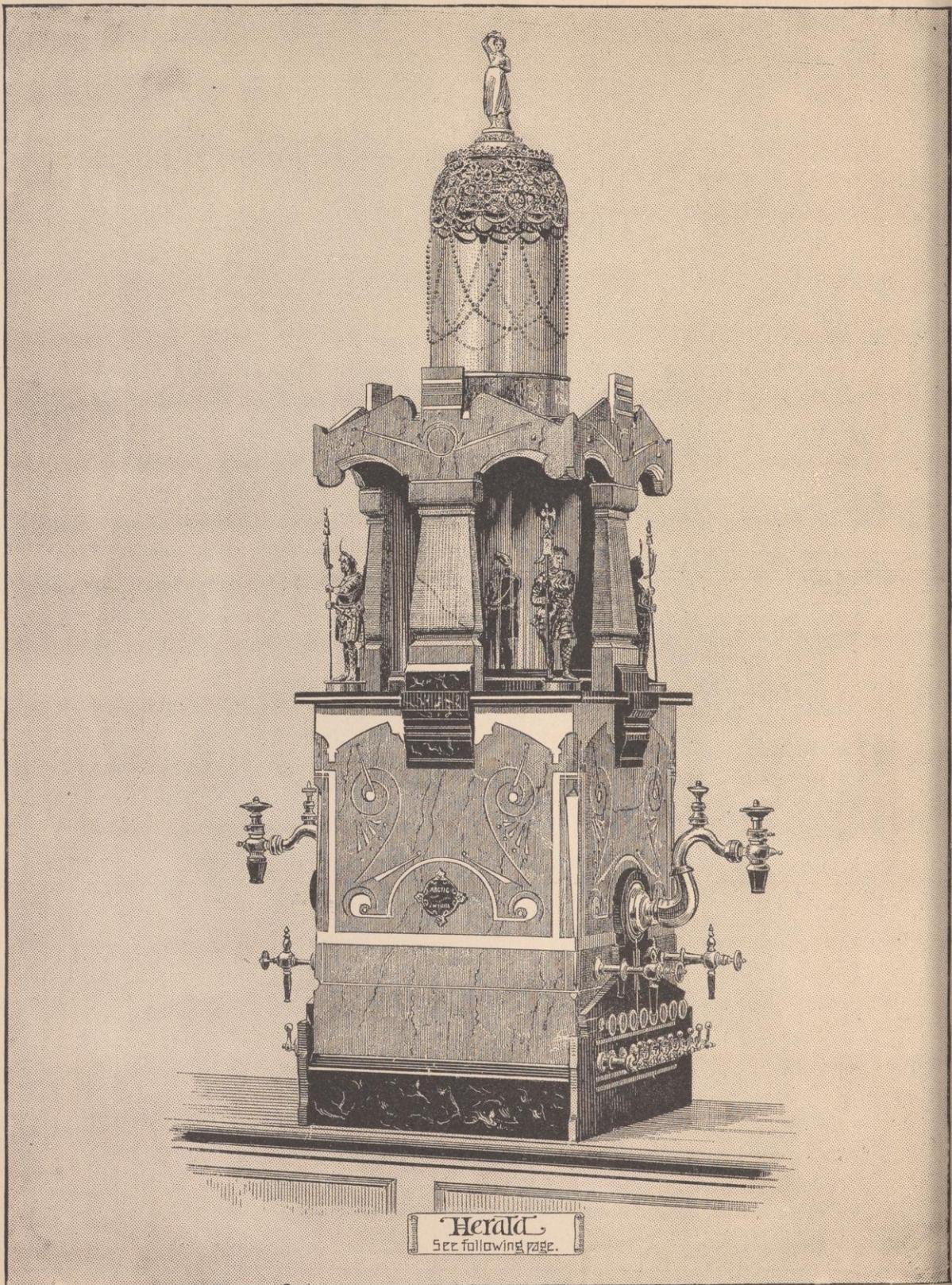
A COUNTER-APPARATUS of elegant proportions and imposing appearance. Architecturally considered, it is one of the most correct styles designed. The body is of Italian Bardiglio, with base of black, and sub-base and corner pilasters of Tennessee. Above the body, and separating it from the top, is a black moulding. The top is of Moorish architecture, and consists of three sections of Italian Bardiglio. The side sections have at each corner a pair of Formosa pinnacles elaborately carved, which complete the body-pilasters. Above these is a black moulding, a moulding of Bardiglio, and a Tennessee and black cap with a silver rail. The central section of top is carried above side sections in tower-like form. Its sides, projecting slightly beyond the body, support a heavy black cap, bevelled and relieved by a carved, serrated design in gold. The front and back of this section are cut away in a Moorish curve, and underlaid with Bardiglio; and from each projects a brass lantern arranged for gas. The cap is surmounted by a silver railing, and supports a water-fountain of the largest size. Small knobs of dark-red Griotte adorn the corners. The main draught-tubes are backed by bosses of African Onyx; and access is had to the interior through an ample silver door in back, hinged to swing outward.

SIZE.—Square at base, 2 feet 6½ inches; height of body, 3 feet; height of marble, 5 feet 1½ inch; extreme height, 8 feet 10 inches.

### PRICE.

#### With Sixteen Syrups and Six Draught-Tubes.

In white marble, with black base, Sevier pilasters, and trimmings of fancy marbles . . . . .	\$1,100
In Sevier marble, with black base and pilasters, and trimmings of fancy marbles . . . . .	1,150
In black marble, with black base, Formosa pilasters, and trimmings of fancy marbles . . . . .	1,225
In Tennessee or Italian Bardiglio, with black base, Formosa pilasters, and trimmings of fancy marbles . . . . .	1,300



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## THE RESORT.

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THIS apparatus, as shown, is constructed of the following variety of marbles:

Starting at the base, which is of black marble, the body is of Sevier, with front and end tablets of Italian Bardiglio. The tablets and front of apparatus are engraved with lines in black and gold. One distinguishing feature of this design is shown in the Gothic embrasures and ornamentation of upper roof, which are made by cutting through the marble of outer case, and placing black marble on the inner surface. All gables are furnished with silver finials. Access to the interior is given by means of a close-fitting silver-plated door.

SIZE.—Length of base, 2 feet 9½ inches; width of base, 2 feet 3 inches; height of marble, 4 feet.

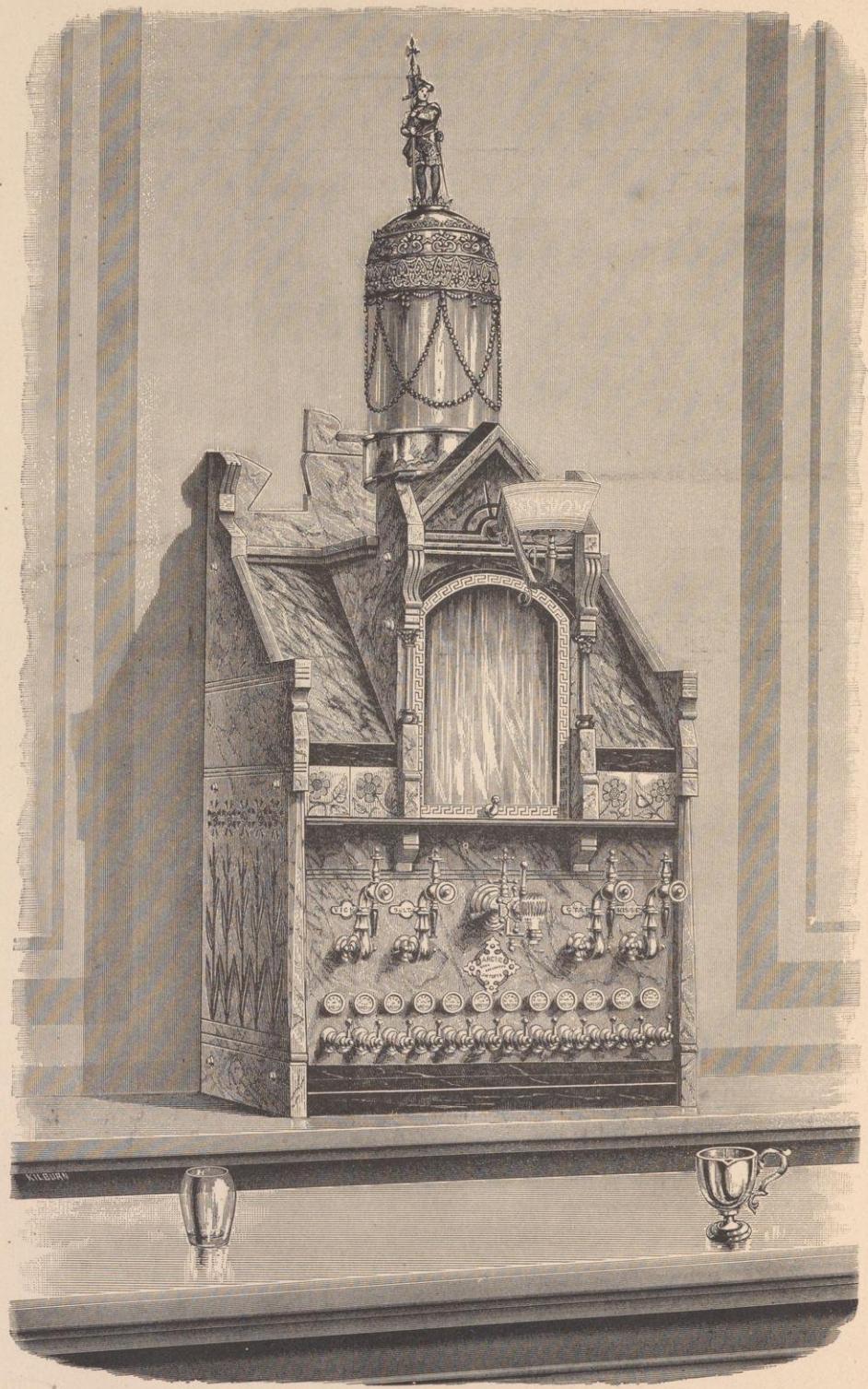
SIZE OF DOUBLE RESORT.—Extreme length, 2 feet 9½ inches; extreme width, 2 feet 8 inches; height of marble, 4 feet.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white Italian or American Bardiglio marble, with Tennessee panels, and black base . . . . .	\$800
In Sevier marble, with Bardiglio panels, and black base . . . . .	825
In Tennessee marble, with Bardiglio panels, and black base . . . . .	900
In Italian Bardiglio marble, with Tennessee panels, and black base . . . . .	900

Either of the above styles made double, twenty syrups and six draught-tubes, for an additional price of \$250.



THE GOLDEN GATE.

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## THE FORTRESS.

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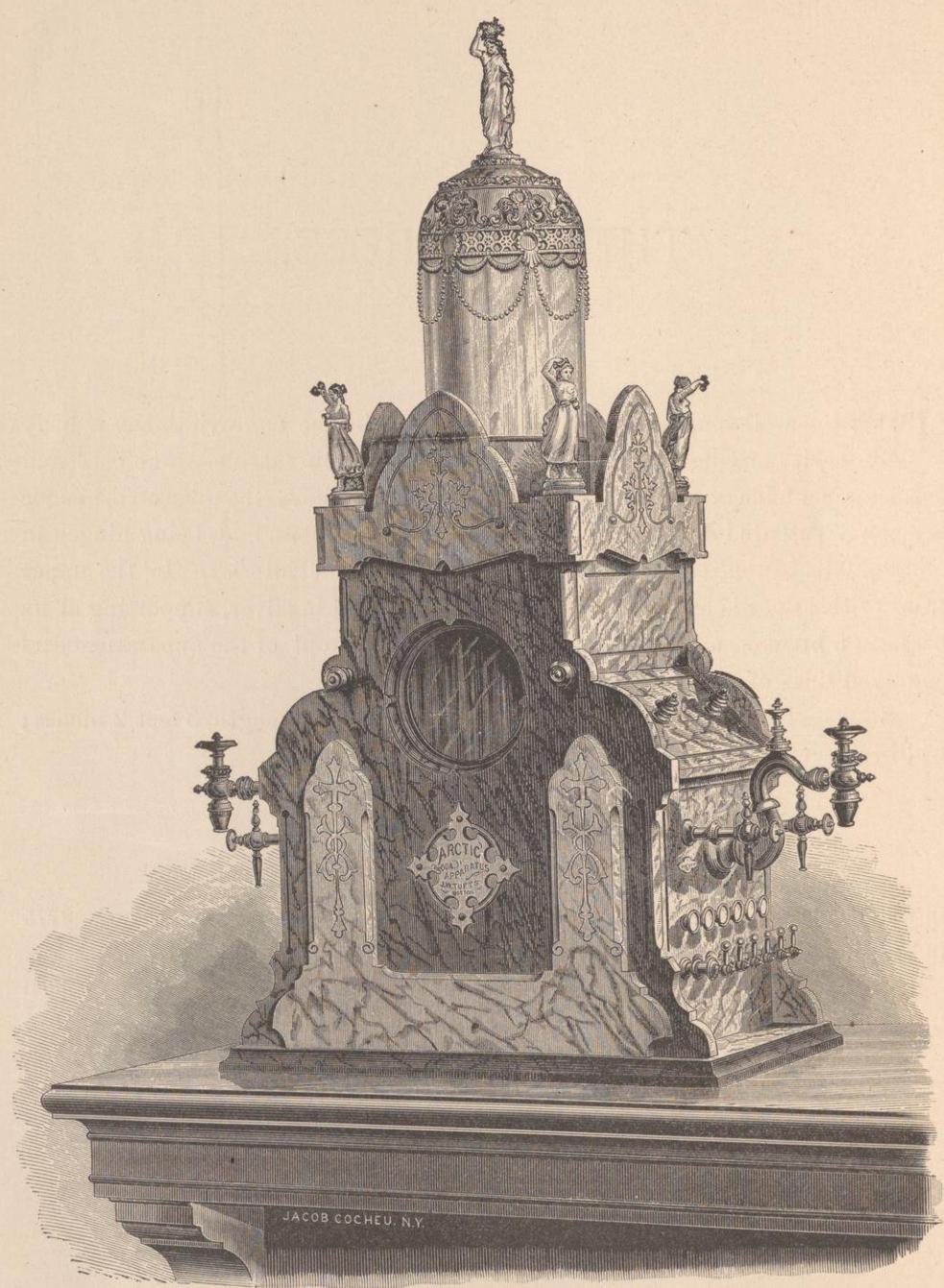
THIS is a wall-apparatus, and, as represented in the engraving, has a body of Sevier marble, with tablets of Italian Bardiglio marble. The base and cornice are of black marble. Upon the front, just above the black cornice, is my newly patented door, which rises above the apparatus, and, being hinged in middle, falls to the rear, thus giving easy access to the interior. In the upper front of this door is a mirror of French plate, framed in silver, supporting at its base, on a bracket, a bronze statuette. The entire front of the apparatus bears engraved lines of gold or black.

SIZE.—Extreme height of marble, 5 feet 6 inches; length, 3 feet 2 inches; width, 2 feet 2 inches.

### PRICE.

#### With Twelve Syrups and Three Draught-Tubes.

In white and Tennessee marbles, base and cornice of black marble . . . . .	\$775
In Sevier marble, tablets of Italian Bardiglio marble, base and cornice of black marble . . . . .	800
In Bardiglio and Tennessee marbles, base and cornice of black marble . . . . .	875



JACOB COCHEU, N.Y.

THE MIRROR.

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## THE MANITOBA.

THIS is designed for counter-use, and the one shown on opposite page has body of white Italian marble. Each corner is niched, and has shelf and inlay of Sevier marble; upon each shelf is placed a bronze statuette; the lower section of roof on both sides is of white, and is hinged, thus affording access to interior. Directly in rear of front façade is placed the water-fountain, which rests upon a base of Sevier marble.

SIZE.—Length, 2 feet 5½ inches; width, 2 feet ½ inch; height to top of marble, 4 feet 10 inches.

### PRICE.

#### With Ten Syrups and Three Draught-Tubes.

In white Italian marble, with corners and shelves of Sevier marble . . . . .	\$525
In Sevier marble, with corners and shelves of Formosa marble . . . . .	550
In Italian Bardiglio marble, with corners and shelves of Tennessee marble . . .	600
In Tennessee marble, with corners and shelves of Italian Bardiglio marble . . .	600

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## THE EUTAW.

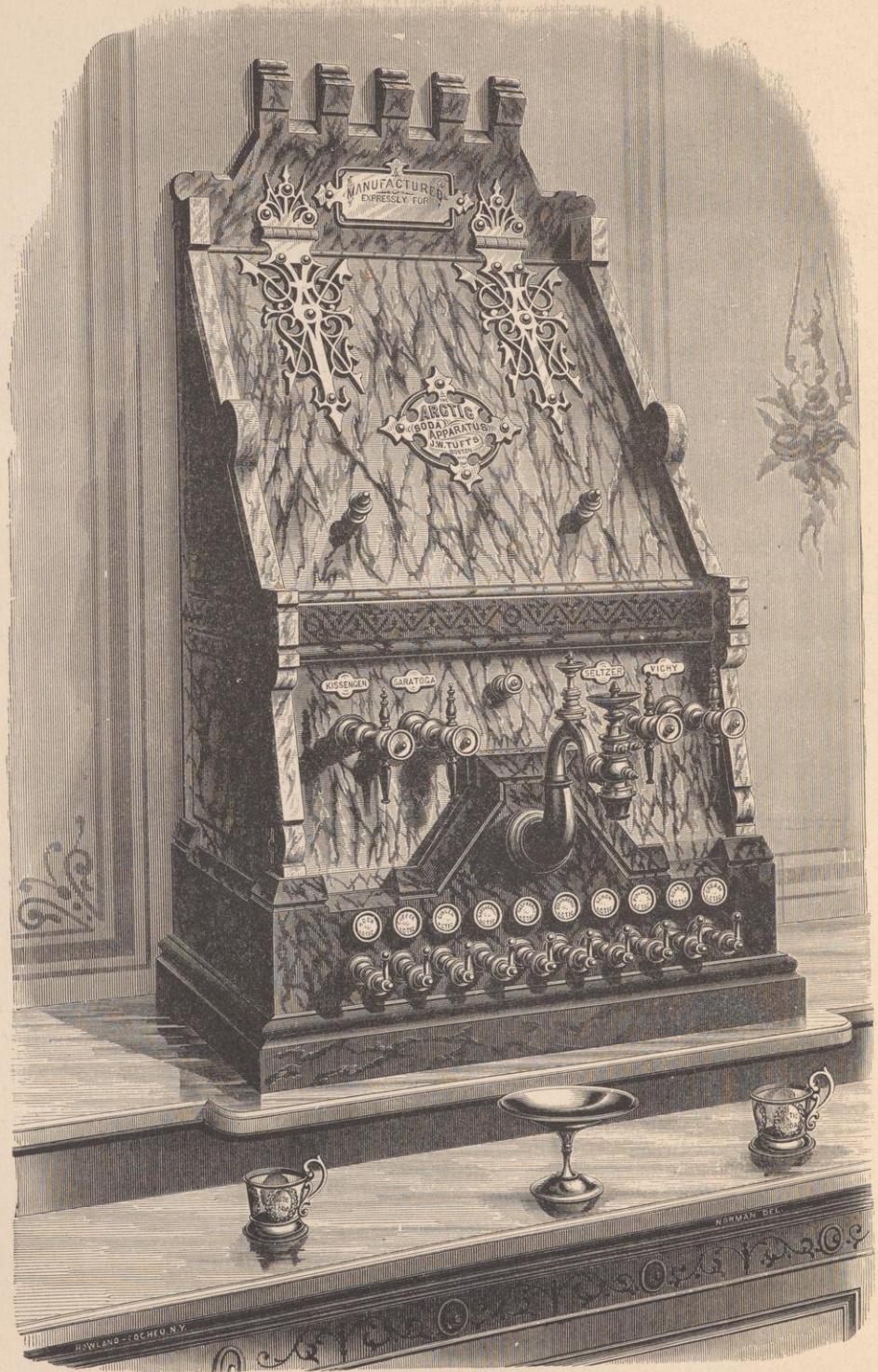
THIS counter-apparatus is of cottage design, and, as shown, has body of Formosa marble, and base-moulding of black. The corners are bevelled, and inlaid with Rouge-Jasper marble, and black shelves. Just over the working-section of body, and in centre of slanting portion of roof, is a dormer-window with French-plate mirror framed in black marble. Above the dormer-window rises a square tower of Formosa marble, capped with black marble, ornamented by gilded lines, and surmounted by a capital of Sevier marble. At each end are rafters of black marble, on front end is a gas-bracket, and over all rises a water-fountain.

SIZE.—Length, 31 inches; width, 23 inches; height, 54 inches.

### PRICE.

#### With Ten Syrups and Five Draught-Tubes.

In white Italian marble, corners of Sevier, rafters and shelves of black . . . . .	\$750
In Sevier, corners of African, rafters and shelves of Sevier . . . . .	775
In Tennessee or Italian Bardiglio, with corners of Rouge-Jasper, and rafters and shelves of black . . . . .	850
In Formosa, corners of Rouge-Jasper, and shelves and rafters of black . . . .	850



THE ALPINE.

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## THE BRILLIANT.

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INTENDED for use on the counter. The Brilliant, as shown, has body of Italian Bardiglio marble, base of black, and double abutments at each corner of Formosa. The upper part of body is decorated with overlays of Sevier marble in form of Gothic arches, which extend over the top of body. An elaborate silver rail surmounts the entire body and arches; while below, and in centre of each arch, on front and end, are placed convex frosted glasses of circular form.

SIZE OF BRILLIANT.—Length, 2 feet 10 inches; width, 1 foot 11 inches; height, 3 feet.

SIZE OF DOUBLE BRILLIANT.—Length, 2 feet 10 inches; width, 2 feet 4 inches; height, 3 feet 4 inches.

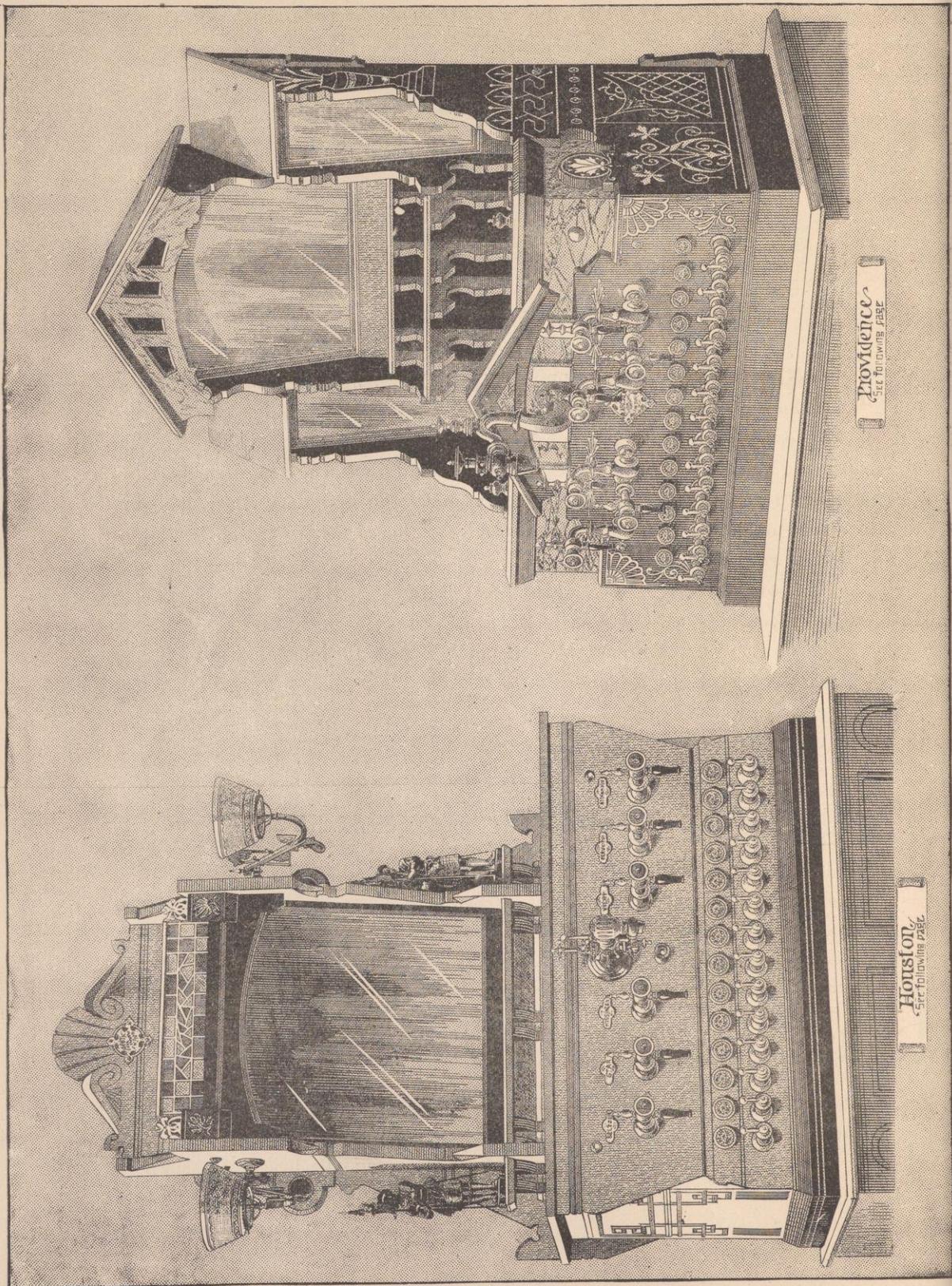
### PRICE.

#### With Ten Syrups and Three Draught-Tubes.

In white Italian marble, with arches of Tennessee marble, base of black marble, and abutments of Formosa marble . . . . .	\$725
In American Bardiglio marble, with arches of Tennessee marble, base of black marble, and abutments of Formosa marble . . . . .	725
In Sevier marble, with arches of Bardiglio marble, base of black marble, and abutments of Formosa marble . . . . .	750
In Italian Bardiglio marble, with arches of Sevier marble, base of black marble, and abutments of Formosa marble . . . . .	825
In Tennessee marble, with arches of Italian Bardiglio marble, base of black marble, and abutments of Formosa marble . . . . .	825

Either of above styles made double, with twenty syrups and six draught-tubes, at  
an additional price of \$225.

Either of the styles will be furnished with fountain-attachment, as shown in  
engraving of Radiant, for \$50 additional.



Providence  
See following page

Houston  
See following page

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## THE NORTHERNER.

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**A** WALL-APPARATUS of beautiful design and attractive appearance. As represented by engraving on opposite page, the Northerner has a body of Italian Bardiglio marble, supported by a heavy base of finest black marble. The lower half of the apparatus forms five sides of an irregular octagon, above which the corners, deeply recessed, are cut out in form of a crescent. These corners are supported by pillars of beautiful Onyx, and rest upon a shelf of fine black marble. Hinged covers give convenient access to the inside of the apparatus at each corner; while a finely wrought door in the front of apparatus, above the draught-tubes, secured by invisible hinges, gives additional access to the interior. The centre of the front of the apparatus is carried about fifteen inches above the roof, which is slightly pitched; and its ornamental lines are surmounted by caps of finest black marble. The back and sides rise slightly above the roof, and terminate in graceful outlines; while the beauty of the whole apparatus is greatly enhanced by engraved lines and scroll-work finished in gilt.

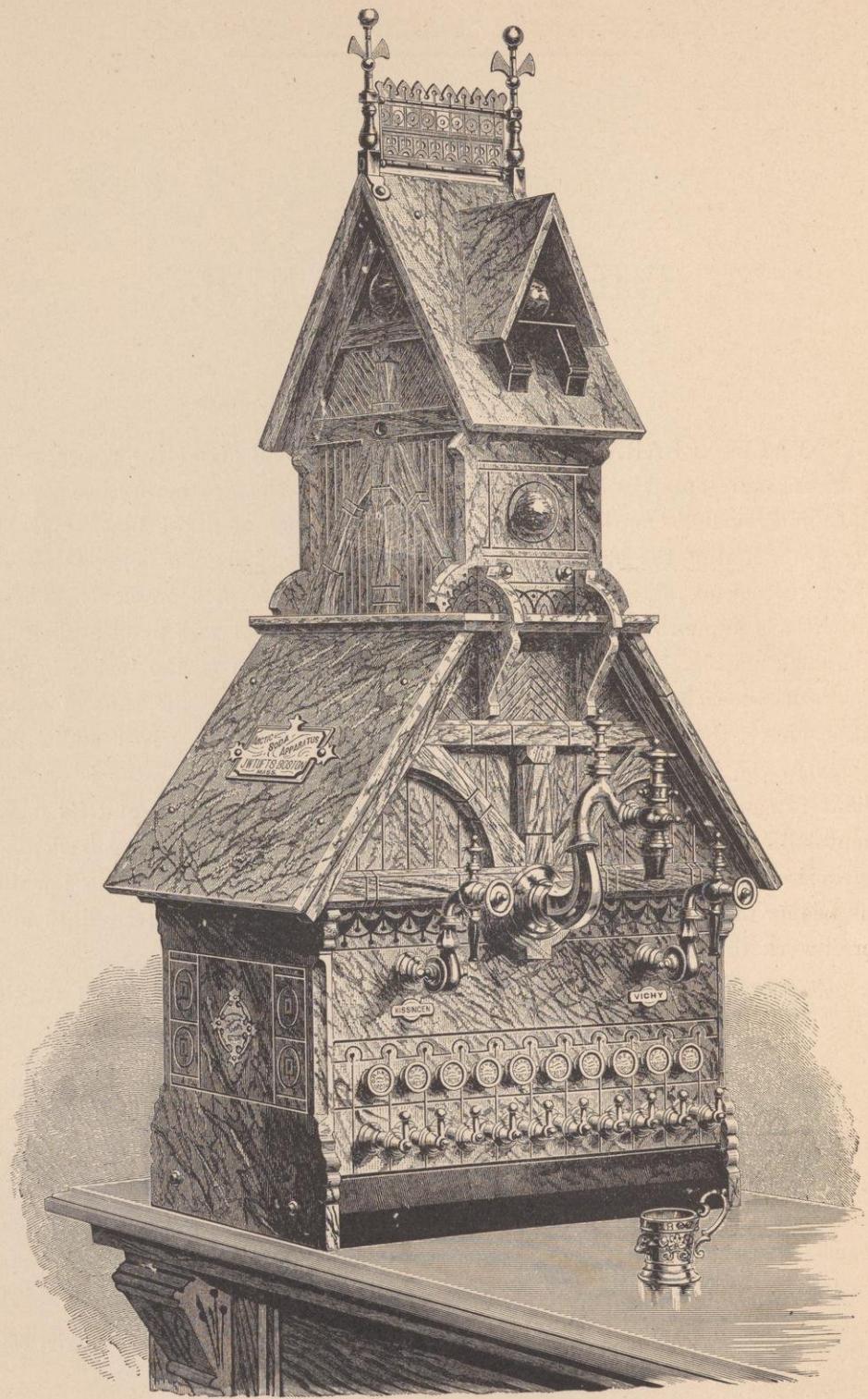
**SIZE.**—Extreme height, 4 feet 10 inches; width, 4 feet 1 inch; depth, 1 foot 10 inches.

### PRICE.

#### With Eighteen Syrups and Five Draught-Tubes.

White Italian marble, with Sevier trimmings, and black base . . . . .	\$800
Sevier marble, with white Italian trimmings, and black base . . . . .	825
Italian Bardiglio marble, with Tennessee trimmings, and black base . . . . .	900
Tennessee marble, with Italian Bardiglio or Formosa trimmings, and black base . . . . .	900

For apparatus with ten syrups and five draught-tubes, same size and style, \$50 less.



THE LOTUS.

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## THE IMPERIAL.

THIS wall-apparatus, as shown, has body of Italian Bardiglio, with base-moulding of black. The side tablets, of scroll-design, and extending to nearly double the height of body, are of white Italian. In elevated back of apparatus, and between the side tablets, are placed two mirrors of French plate-glass, separated by partition-tablet, and with façade of Italian Bardiglio. The mirrors are set receding from centre to side, giving a very pleasing effect. The surface-marble of front and ends is adorned by engraved lines finished in either gold or black. On shelf in rear of façade are placed two bronze statuettes.

SIZE.—Height to top of marble, 3 feet 9½ inches; length, 2 feet 5½ inches; depth, 1 foot 9½ inches.

## PRICE.

With Ten Syrups and Five Draught-Tubes.

In white Italian marble, with black base-moulding, and white Italian marble tablets	\$450
In Sevier marble, with black base-moulding and tablets	475
In Italian Bardiglio marble, with black base-moulding, and white Italian or Sevier marble tablets	525
In Tennessee marble, with black base-moulding, tablets of Sevier or Formosa marble	525

## THE HAMILTON.

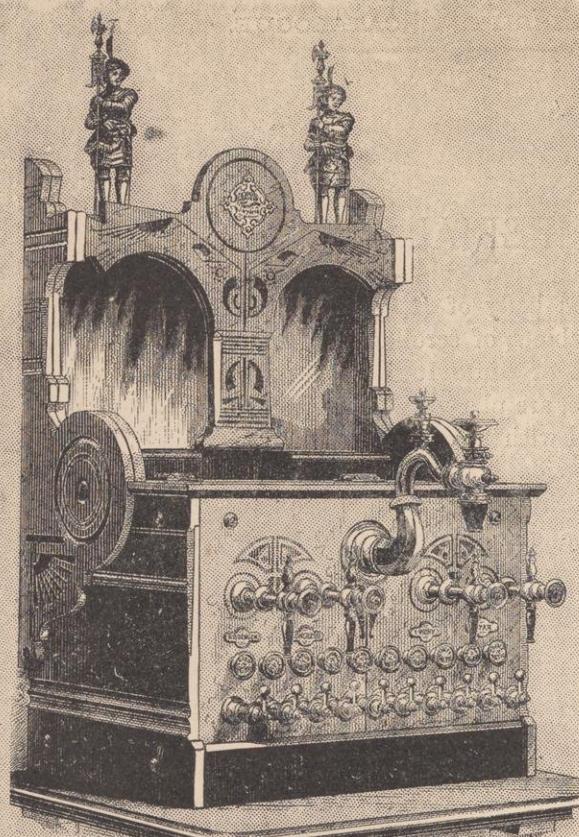
A WALL-APPARATUS. The body is of Sevier marble, with back of white Italian, and tablet of Formosa marble. It is ornamented by carved lines finished in gold. The tablet above covers is of African, and the bracket and shelf of black marble. Upon the black-marble shelf rests a water-fountain.

SIZE.—Length, 31 inches; depth, 22½ inches; height to top of marble, 49 inches; extreme height, 60 inches.

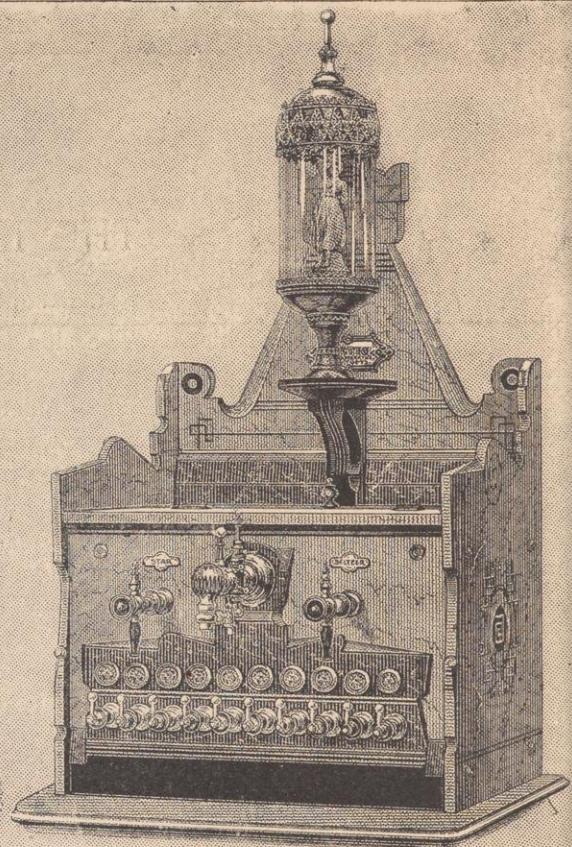
## PRICE.

With Ten Syrups and Three Draught-Tubes.

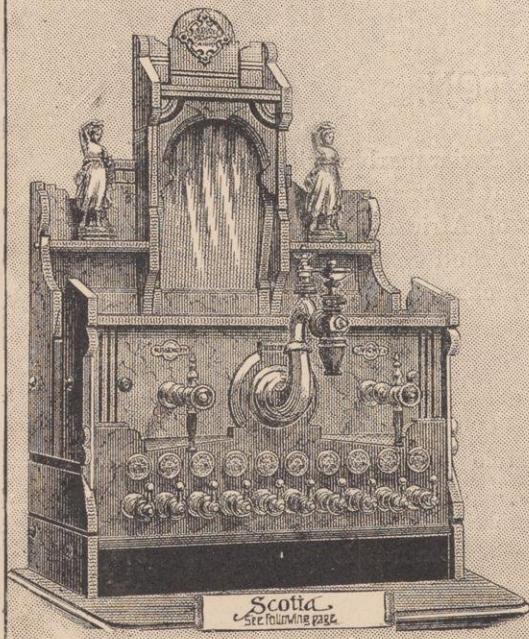
In white Italian marble, with tablets of Sevier marble	\$475
In Sevier marble, with tablets of Formosa marble	500
In black marble, with tablets of Italian Bardiglio marble	550
In Tennessee or Italian Bardiglio, with tablets of Formosa marble	575



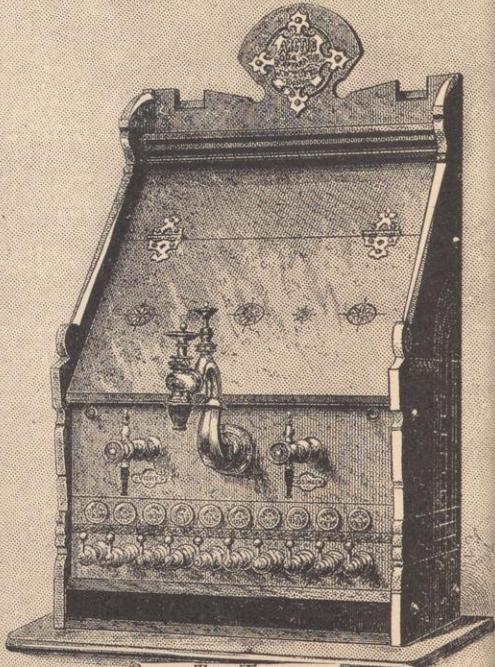
Imperial  
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Hamilton  
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Scotia  
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Temple  
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## THE CRUSADER, NO. 1.

THIS wall-apparatus, as shown in the engraving, is made of Sevier marble, ornamented by engraved lines finished in gold. The base-moulding and the cornice are of black marble, the cover of white Italian marble. From the body rises an ornamented top, containing a large mirror of the finest French plate-glass. The side-pieces supporting the canopy are of white Italian marble; while the canopy is of Egyptian marble, with a curtain of white Italian elaborately engraved, with the lines finished in gold. The canopy is ornamented by a silver-plated cornice of elaborate design. The keystone is of black marble, and from it projects an elegant gas-bracket. The mirror, which is inclined at the top, is surrounded by a frame of black marble, and is supported by shelves of Formosa marble, which in turn rest upon brackets of the same marble.

SIZE.—Length, 3 feet 3½ inches; depth, 1 foot 9½ inches; height, 5 feet.

### PRICE.

#### With Twelve Syrups and Five Draught-Tubes.

In white Italian marble, with base of black, mouldings of Sevier marble, and sides of white Italian marble . . . . .	\$600
In Sevier marble, with base and mouldings of black marble, and sides of white Italian marble . . . . .	625
In Italian Bardiglio marble, with base of black, mouldings of black or Formosa marble, and sides of Sevier marble . . . . .	675
In Tennessee marble, with base of black, mouldings of black or Italian Bardiglio marble, and sides of Sevier marble . . . . .	675

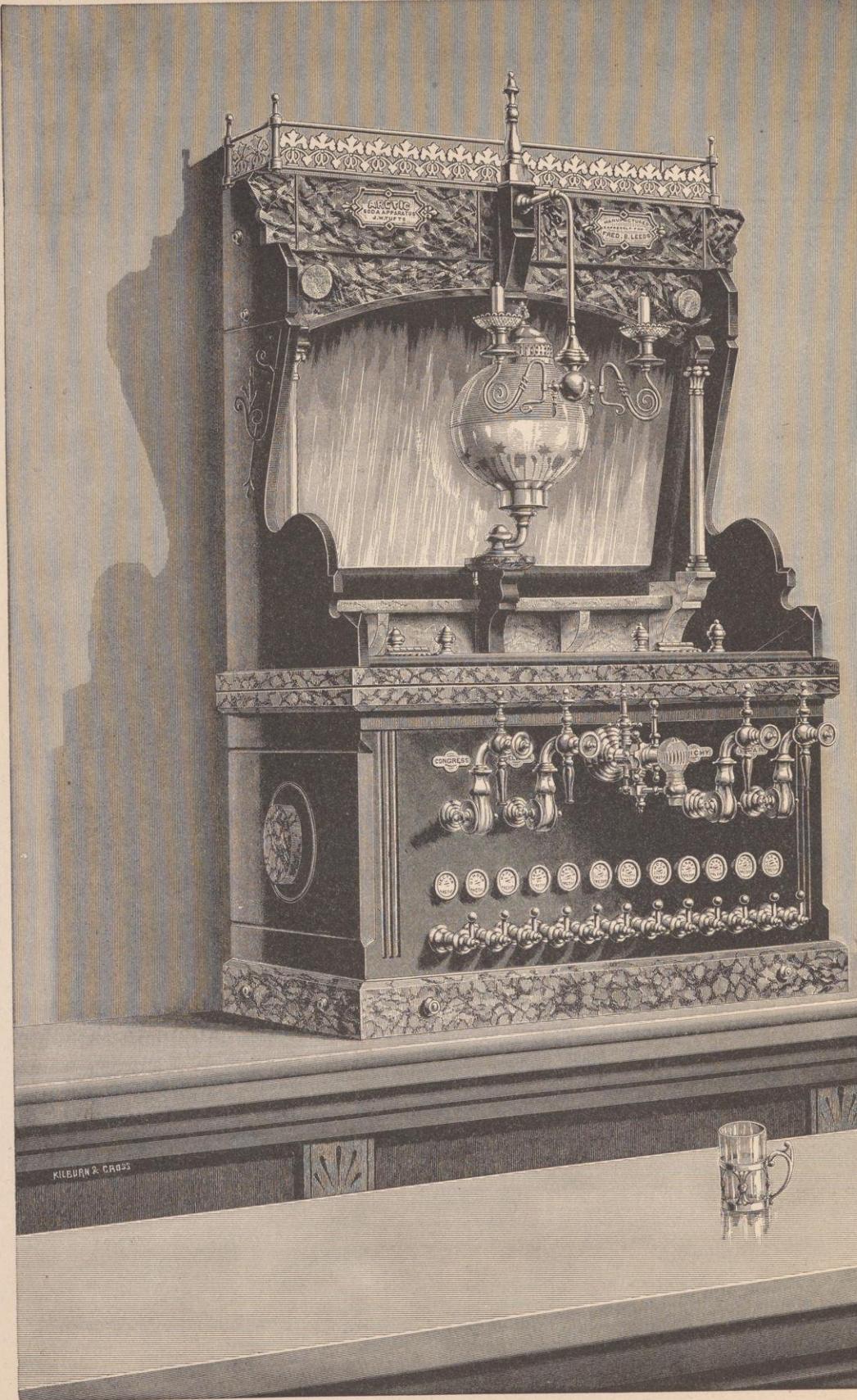
## “MATCHLESS” CRUSADER, NO. 1.

THIS is the finest and most effective combination of marbles that I have ever seen in any apparatus. It cannot fail to please any customer. It is made as follows:—

Black body and wings, black frame for mirror, Griotte moulding top and bottom, also the round tablet on end of Griotte, Egyptian curtain and upper cornice, Onyx shelves and brackets. Ornamented lines in gold on ends.

Price . . . . . \$675

For water-fountain on top of apparatus, add \$50.



THE CRUSADER, No. 2.

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## THE DELPHOS.

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INTENDED for use on the counter. This apparatus has base of black marble, body of Italian Bardiglio, with overlay tablets of Sevier marble on both front and back, which extend to roof of tower, forming the fronts of the double tower, which, though covered by the same roof, virtually forms two towers, an incased opening extending from side to side. Each outer corner of both towers forms a recess in which are set panels of Onyx. The rafters are of Italian Bardiglio, and the roof of tower, of Sevier. A gas-bracket projects from top front of tower, while the ridge-pole holds a bouquet-holder. The roofs of main body are hinged, thus making closely fitting covers that afford easy access to interior, and are of same marble as body.

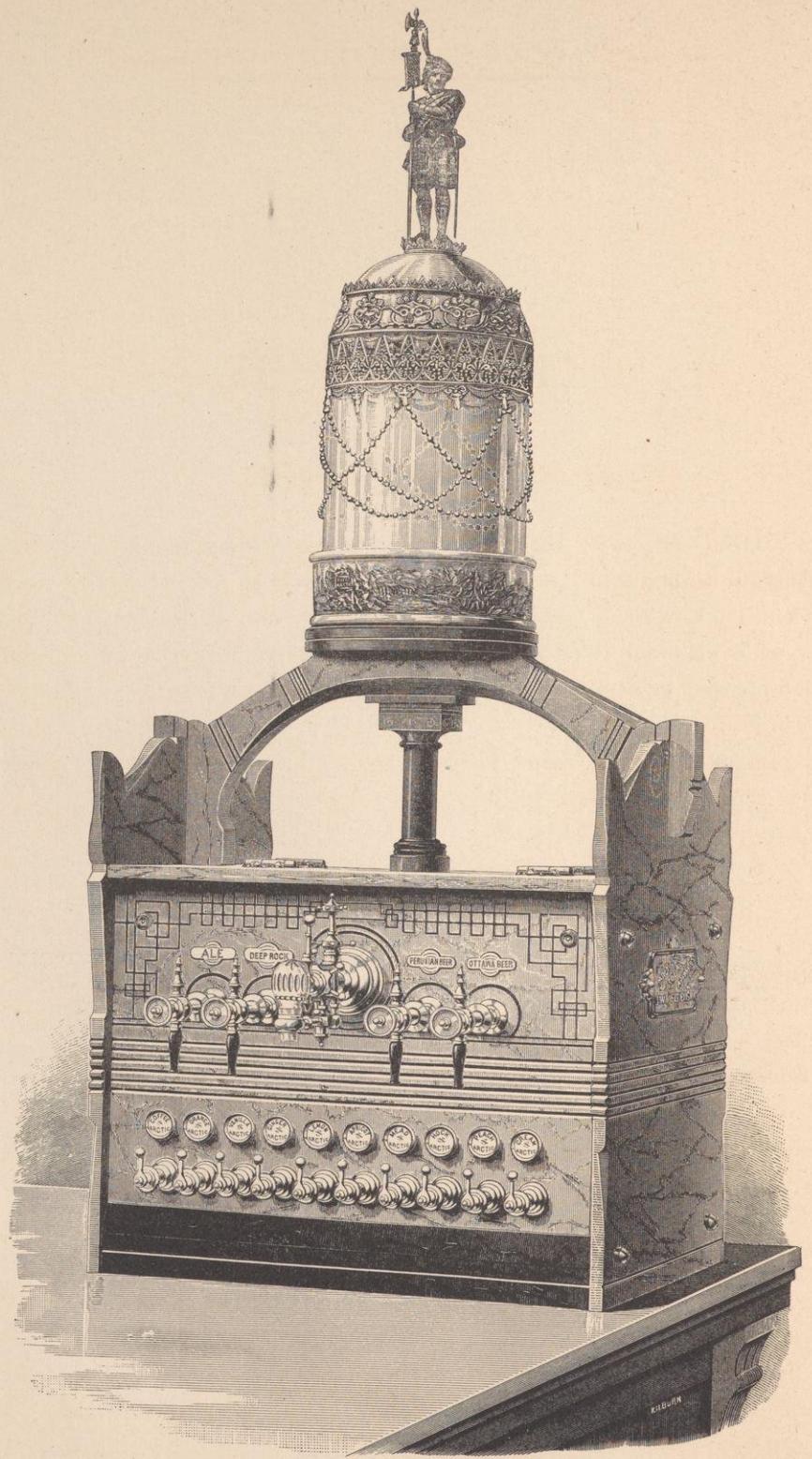
A water-fountain, similar to that shown on the Naxos, can be placed within the tower if desired, at an additional price of \$25.

SIZE.—Length, 2 feet 9 inches; depth, 2 feet; height, 4 feet 3 inches.

### PRICE.

With Ten Syrups and Five Draught-Tubes.

In white Italian marble, base of black, with tablets and roof of Sevier . . . .	\$575
In Sevier marble, base of black, tablets of white Italian, and roof of Sevier . .	600
In Italian Bardiglio or Tennessee marble, base of black, tablets and roof of	
Sevier . . . . .	675



THE SHIRLEY.

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## THE ENVOY.

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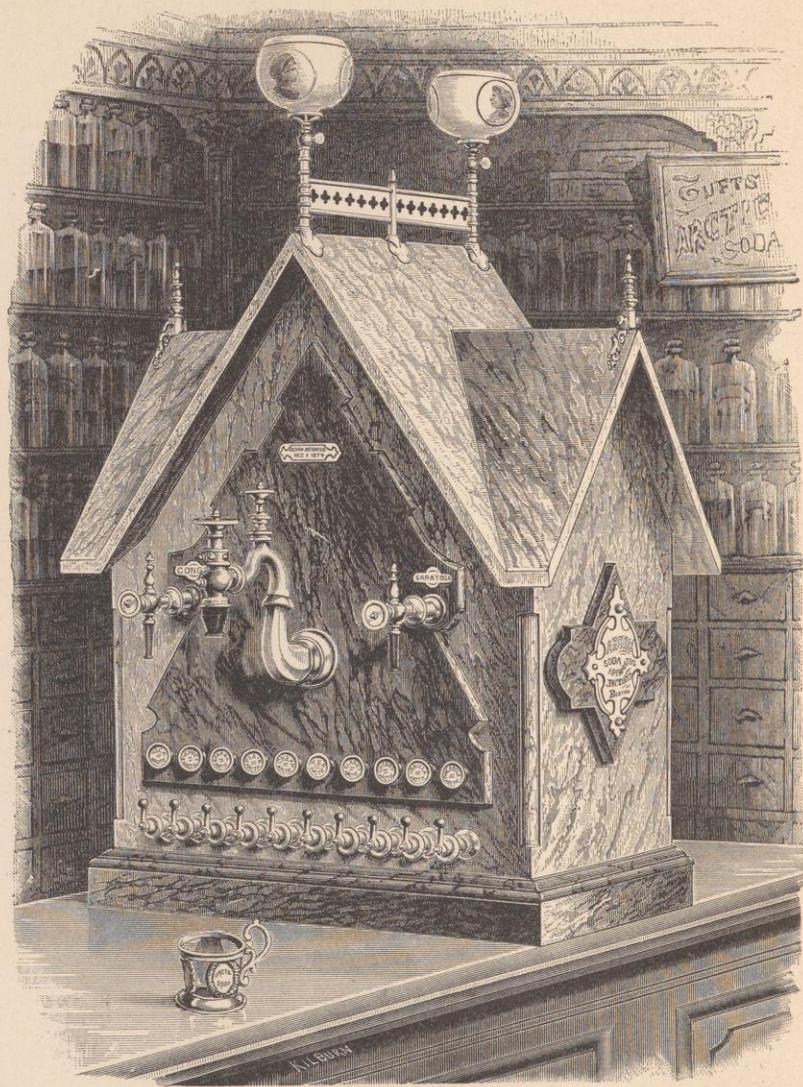
FOR use as a wall-apparatus. The one represented by engraving on opposite page has a white Italian marble body, with black moulding at top and base of body. The sides project slightly in front, and extend above the top of body, serving as a support for the back, which, together with the sides, is of Sevier marble. Just above cover to ice-case, two mirrors of French plate-glass are inserted in back. A shelf of Egyptian marble, resting on three brackets of Sevier marble, is placed directly over the mirrors; and over this, nearly at top of back, is the water-fountain, supported by shelf of Sevier marble, with brackets of same.

SIZE.—Length, 3 feet; depth, 1 foot 9 $\frac{1}{4}$  inches; height to top of marble, 4 feet 7 inches.

### PRICE.

With Twelve Syrups and Five Draught-Tubes.

In white Italian marble	.....	\$575
In Sevier marble	.....	600
In Tennessee marble	.....	650
In Italian Bardiglio marble	.....	650



THE CRITERION.

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## THE CREAMMOOR.

THE apparatus shown is of white Italian marble. The front and back of apparatus, having the same shape, project beyond the ends and top, and, from being almost square at the base, assume an oval shape just above the syrup name-plate, and terminate in a point. The edges are finished in an elaborate scallop. The front and outside are ornamented by artistic scroll-work in black enamel or gold as preferred.

Access to inside is had by covers on the top, as in other apparatus of cottage-shape.

SIZE.—Length, 36 inches; width, 21 inches; height, 52 inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white Italian marble . . . . .	\$400
In American Bardiglio marble . . . . .	400
In Sevier marble . . . . .	425
In Italian Bardiglio marble . . . . .	475
In Tennessee marble . . . . .	475
In Formosa marble . . . . .	475

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## THE ARGYLE.

THIS beautiful style was designed for a wall-apparatus. The one shown is of Italian Bardiglio, with base-mouldings and tablets of black, back of Sevier, shelves, and round cap in centre of back, of Egyptian marble. It is provided with two gas-attachments, in shape of statuettes, supporting globes. The ornamental lines are engraved in the marble, and finished either in black or gold, as desired.

SIZE.—Length, 2 feet 6 inches; depth, 1 foot 6½ inches; height to top of marble, 2 feet 11 inches; extreme height, 3 feet 6½ inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white Italian marble, with black base-moulding, Sevier tablet and back, and shelves of Formosa . . . . .	\$425
In Sevier marble, with black base and tablet, back of white Italian marble, and shelves of Formosa . . . . .	450
In Italian Bardiglio marble, with base-moulding and tablet of black, back of Sevier, and shelves of Egyptian . . . . .	500
In Tennessee marble, with base-moulding of black, tablet and back of Egyptian, and shelves of Formosa . . . . .	525



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JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

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## THE POLAR WAVE.

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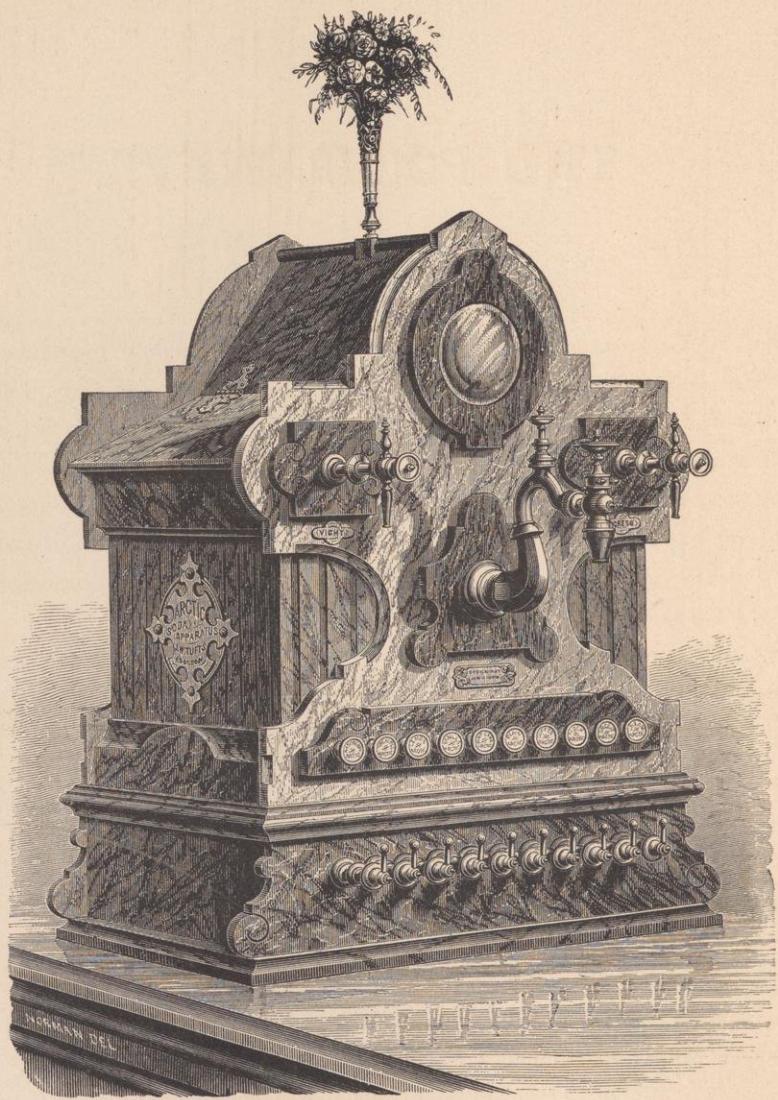
DESIGNED for counter-use. This unique and pleasing apparatus is constructed with body of Italian Bardiglio marble, with overlays of fine black marble on front, back, and sides, which also serve to form a very substantial base. The cover is hinged in centre, giving very convenient access to ice-case and syrup-cans. The ends of front and back rise in graceful outline eleven inches above body, and support at each end an elegantly hand-engraved bracket of heavy silver-plate, from which rises a water-fountain. Further decorations consist of engraved lines, finished in either gold or black.

SIZE.—Extreme height, 5 feet 10 inches; length, 2 feet 9 inches; width, 1 foot 8 inches; height of body, 2 feet; height to top of marble, 2 feet 11 $\frac{1}{2}$  inches; extreme height, 4 feet 6 inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

White Italian marble, with Sevier tablets . . . . .	\$475
Sevier marble, with American Bardiglio tablets . . . . .	500
Italian Bardiglio marble, with black marble or Tennessee marble tablets . . . . .	550
Tennessee marble, with Italian Bardiglio or Formosa marble tablets . . . . .	550
Black marble, with Onyx tablets . . . . .	575



THE BEACON.

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## THE DESPATCH.

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**A WALL-APPARATUS.** The one represented in the engraving is of white Italian marble, the front tablet being of Bardiglio, and the base of solid black marble. The door is balanced and swung on hinges, the top falling back, and giving access to the interior. This apparatus is ornamented with engraved lines of especially elegant and tasteful design. The door on this apparatus and the Fortress is patented, and will be found only on the Arctic.

A consideration of the advantages of my new patented door used upon the Despatch and Fortress cannot fail to impress the dealer with its importance. While extremely novel and attractive in appearance, its convenience must be a source of continual satisfaction. The facility it gives for placing bottles of mineral-water or other beverages in the ice-case will prove an advantage which all experienced dealers have heretofore desired, but never possessed.

For true neatness, as well as for convenience and price, the Despatch is its own best recommendation.

The Parian statuettes shown in the engraving are not furnished; as they detract from the appearance of the apparatus, and so are the reverse of ornamental. They should not have been shown in the engraving.

**SIZE.**—Length, 2 feet  $7\frac{1}{2}$  inches; width, 2 feet 1 inch; height, 5 feet 7 inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white or American Bardiglio marble, tablets of Tennessee, and base of black marble	.....	\$575
In Sevier marble, tablets of Bardiglio, and base of black marble	.....	600
In Tennessee marble, tablets of Bardiglio, and base of black marble	.....	650
In Bardiglio marble, tablets of Tennessee, and base of black marble	.....	650



**Mystic**  
See following page

**Electric**  
See following page

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## THE ZENITH.

A HEXAGONAL apparatus for counter-use. The one in engraving on opposite page has base of black marble, supporting at each corner a silver column. The body is constructed of white Italian marble, and the top is cut into arches of Gothic design. Each side has one or more overlays of a variety of fancy marbles; many of them, such as Brocatello, Sienna, Sarencollin, Trieste, and Levantine, being especially adapted for these small tablets, though entirely unsuitable for body-marble where strength is requisite. The Zenith is furnished with water-attachment, so arranged, that, by raising without removing it, the interior can be replenished.

Silver chains are festooned from cap of glass dome to top of each column.

SIZE.—2 feet 5½ inches across the counter; 2 feet 9½ inches lengthwise the counter; height of marble, 3 feet 4 inches; whole height, 5 feet.

SIZE OF SMALLER ZENITH.—2 feet across the counter, 2 feet 3 inches lengthwise the counter.

### PRICE.

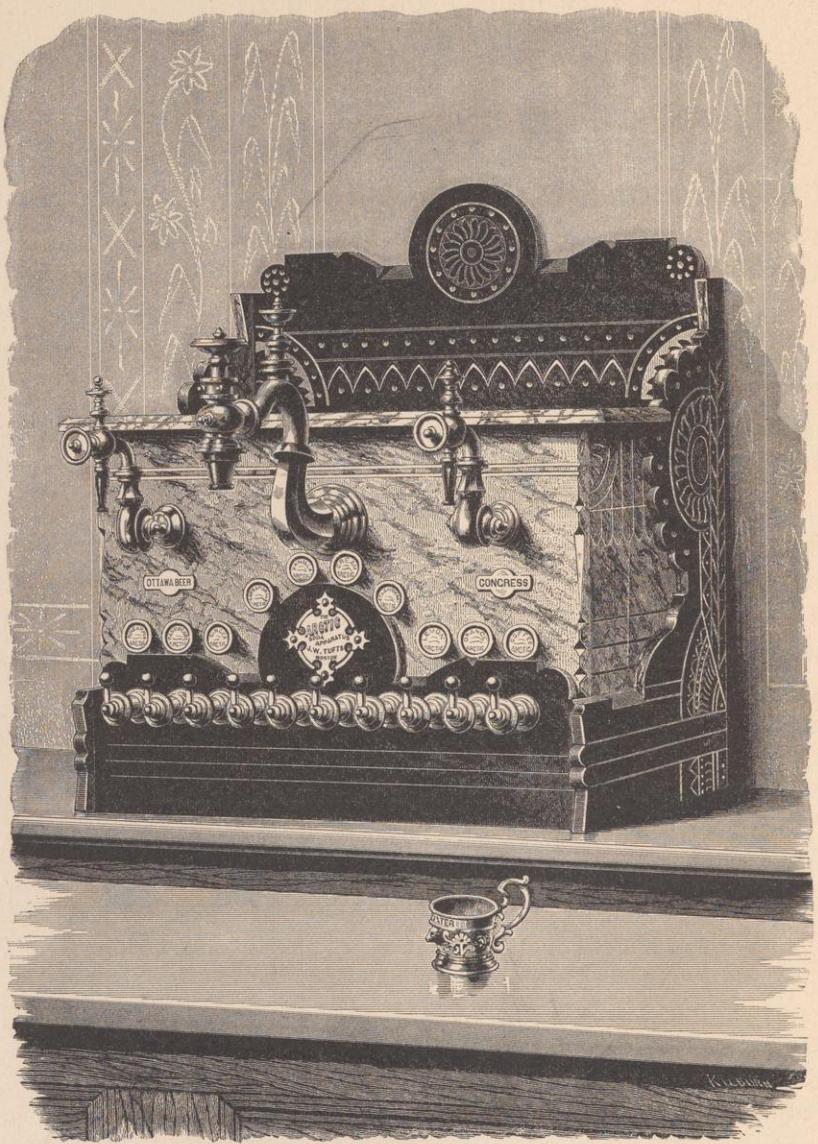
#### With Fifteen Syrups and Three Draught-Tubes.

In white Italian or in Dove marble, with tablets of fancy marble . . . . .	\$600
In Sevier marble, with tablets of fancy marble . . . . .	625
In alternate sides of Italian Bardiglio, Tennessee, and black marbles, with tablets of fancy marble . . . . .	700
In Italian Bardiglio marble, with tablets of fancy marble . . . . .	700
In Tennessee marble, with tablets of fancy marble . . . . .	700

#### Smaller Size, with Twelve Syrups and Three Draught-Tubes.

In white Italian marble, or in American Bardiglio marble, with tablets . . . . .	\$550
In Sevier marble, with tablets of fancy marble . . . . .	575
In alternate sizes of American Bardiglio, white Italian, and Dove marbles, with tablets of fancy marble . . . . .	650
In Tennessee or in Italian Bardiglio marble, with tablets of fancy marble . . . . .	650

Either of the above combinations, with statuette in place of fountain and cap, \$50 less.



THE EFFERVESCENT.

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## THE UNDIINE.

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THE counter-apparatus, as shown by engraving on preceding page, has but one variety of marble used in its construction, which is of white Italian. The sides, which project slightly in front and rear of body, also extend over the body, and form supports for shelf, which, capped with tessellated border, holds the water-fountain. At sides, underneath shelf, are marble brackets; while corner-pieces, just over cover of body, add to the beauty of design.

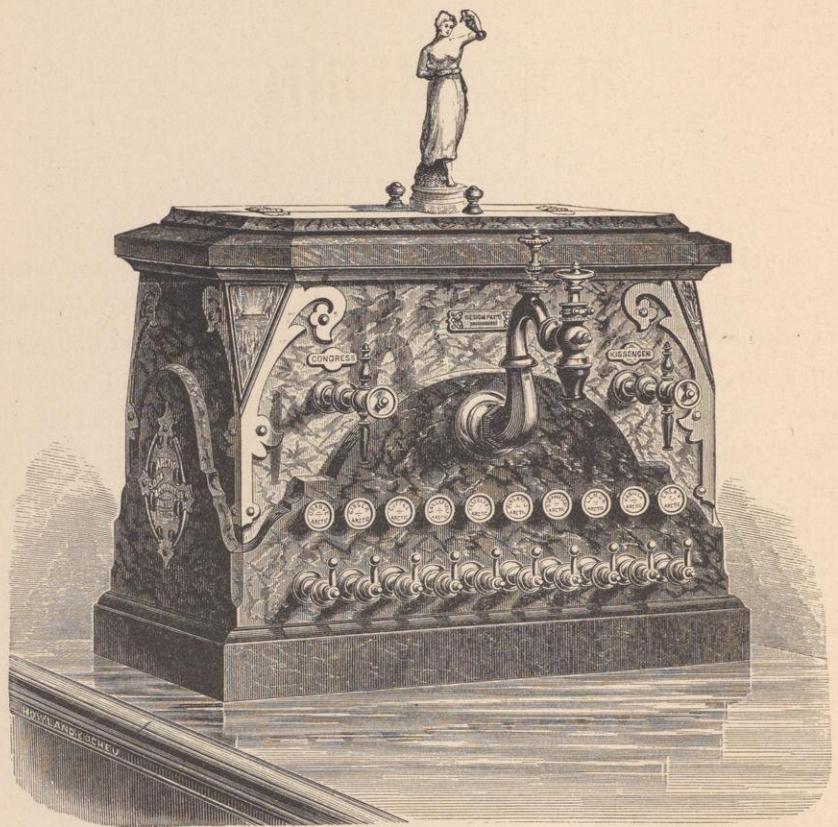
Hinged in centre, the body-cover gives easy access to syrup-jars and ice-case.

SIZE.—Length across the counter, 2 feet 6 inches; width, 1 foot 9 inches; height to top of marble, 3 feet 5½ inches; extreme height to top of statuette, 6 feet.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white Italian marble	.....	\$500
In Sevier marble	.....	525
In Italian Bardiglio marble	.....	575
In Tennessee marble	.....	575



THE AURORA.

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## THE GOTHIC.

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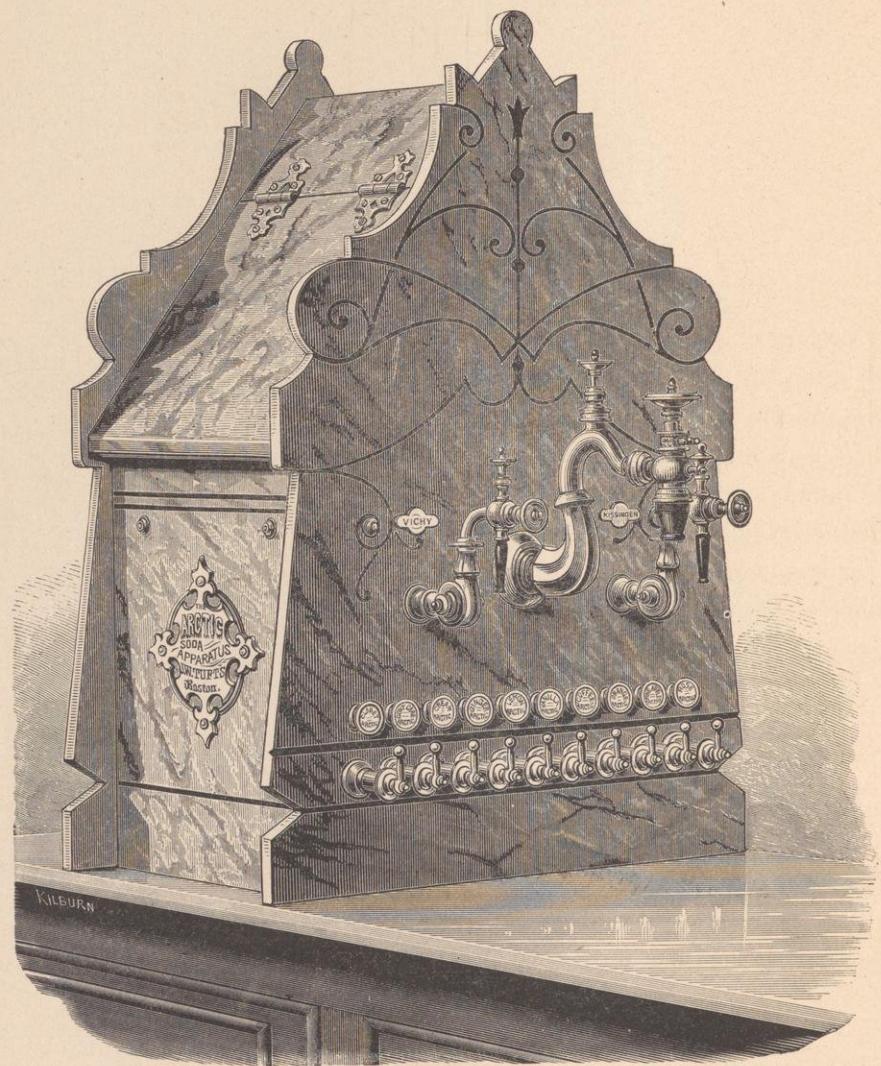
INTENDED for counter-use, and, as implied by name, of Gothic architecture. This apparatus has two separate casings of marble, one within the other. The feature of cutting through outer casing in elaborate panels, gives a pleasing effect. The inner case is of black marble, upon which, and in arches, are placed tablets of Tennessee marble. It has a solid base of black marble, from each corner of which rises an elaborate silver pillar; while on front and end are moulded bands of Italian Bardiglio marble.

SIZE.—Length, 2 feet 11 $\frac{1}{2}$  inches; width, 2 feet 3 inches; height, 2 feet 2 $\frac{1}{2}$  inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white or American Bardiglio marble, panels of Tennessee, and base of black marble	\$450
In Sevier marble, panels of Bardiglio, and base of black marble	475
In Bardiglio marble, panels of Tennessee, and base of black marble	525
In Tennessee marble, panels of Bardiglio, and base of black marble	525



THE QUEEN ANNE.

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## THE FRENCH COTTAGE.

---

**A**DAPTED for use on counter, this apparatus, as seen in engraving, has a body of Tennessee marble, with front and end tablets of white Italian marble. Surrounding the tablets the body-marble is finely grooved or moulded, giving effect of inlaid work. The French roof, at its break on front and rear, is hinged, affording access to the interior. A bouquet-holder, with projecting hard-wood rests, set in heavily plated metal, which serve to support the covers when open, embellishes the top.

### PRICE.

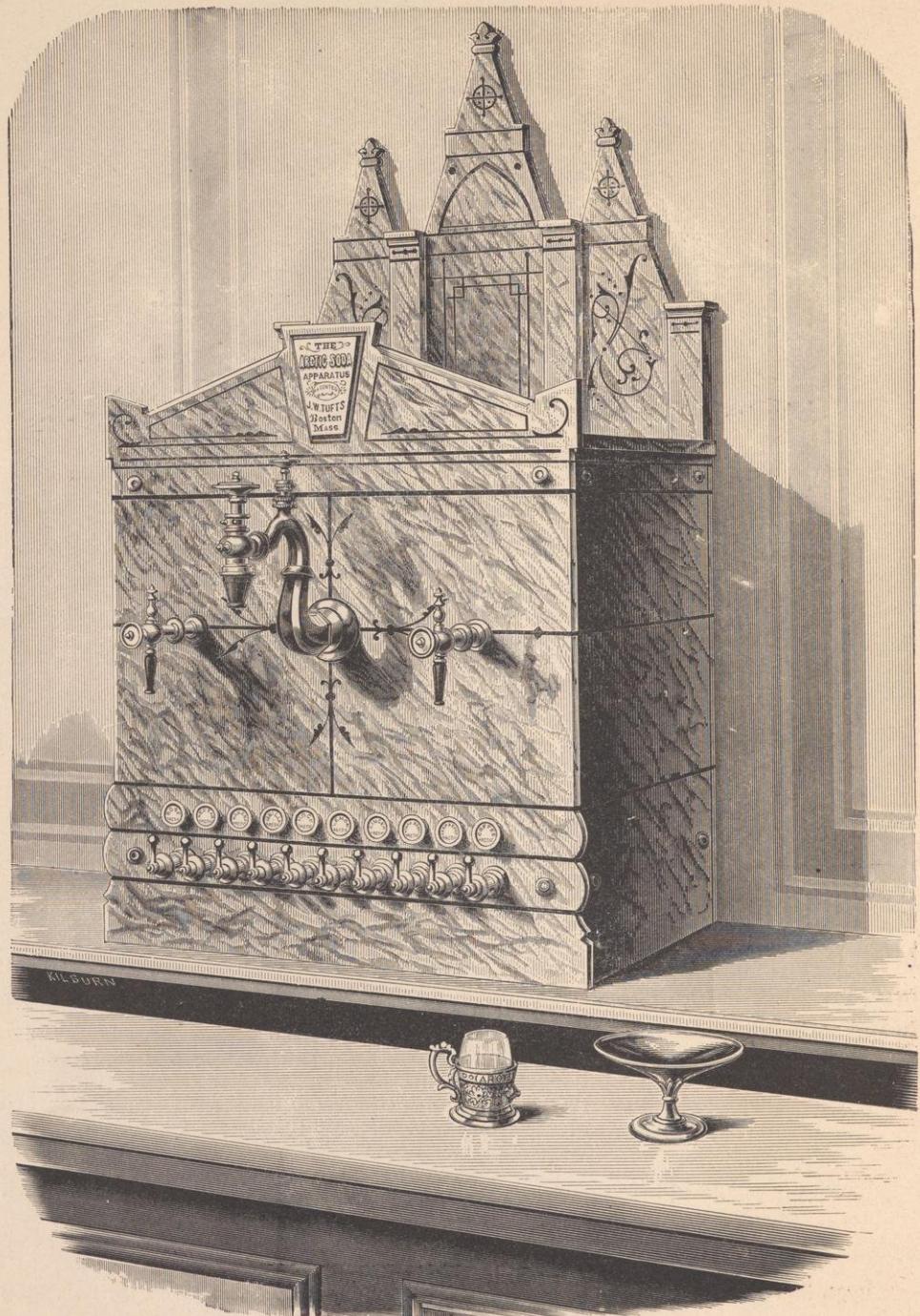
#### With Ten Syrups and Three Draught-Tubes.

In white Italian or in American Bardiglio marble, with panels of Tennessee marble . . . . .	\$425
In Sevier marble, with panels of Formosa marble . . . . .	450
In Tennessee marble, with panels of Italian Bardiglio marble . . . . .	475
In Italian Bardiglio marble, with panels of Brocatello marble . . . . .	475
In black marble, with panels of Italian Bardiglio marble . . . . .	475
In Tennessee marble, with panels of Sienna or of Bardiglio marble . . . . .	500
In Tennessee marble, with panels of gilded black marble . . . . .	500

Length of each, 2 feet 8 inches ; height, 2 feet 10 inches ; width, 1 foot 6 inches.

In Italian marble or in American Bardiglio marble, without tablets, and cut on face, in style of Cottage . . . . .	\$350
In Sevier marble . . . . .	375
In Tennessee marble . . . . .	400

Length, 2 feet 5 inches ; width, 1 foot 6 inches ; height, 2 feet 10 inches.



THE SUCCESS.

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## THE COLD SNAP.

---

A COUNTER-APPARATUS of one variety of marble, except the front guard under syrup-faucets. As represented, the body is of white Italian marble, and the guard of black. It is of rectangular form, the front and rear marbles having at the centre of their length ornamental projections, extending beyond the planes of the sides; while side marbles also project beyond the front planes. The top is hinged in the centre, affording access to the ample ice-case and syrup-cans.

SIZE.—Lengthwise the counter, 2 feet 4 inches; width across the counter, 2 feet; height, 2 feet 11 inches.

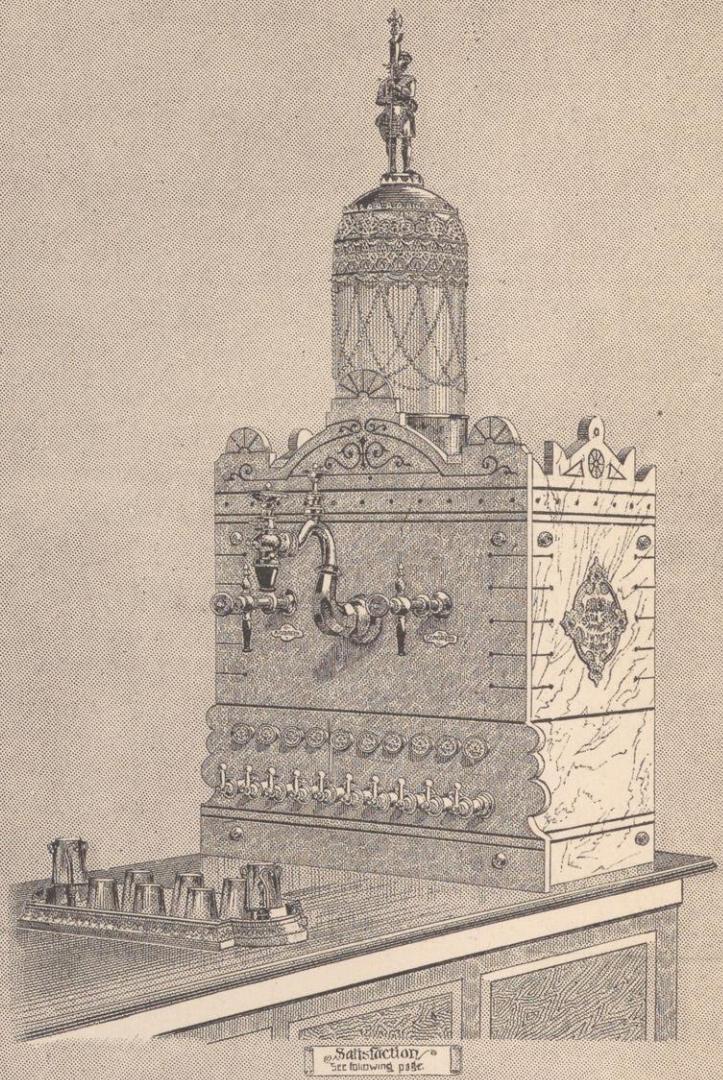
SIZE OF DOUBLE APPARATUS.—Length, 2 feet 8 inches; width, 2 feet; height, 2 feet 11 inches.

### PRICE.

With Eight Syrups and Three Draught-Tubes.

In white Italian marble	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$400
In American Bardiglio marble	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	400
In Sevier marble	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	425
In Italian Bardiglio marble	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500
In Tennessee marble	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500

Either of the above styles made double, sixteen syrups and six draught-tubes, at an additional price of \$200.



*Satisfaction*  
See following page

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## THE SARATOGA.

---

THIS is a counter-apparatus, of one variety of marble,—which is of white Italian in the one shown. In the engraving is shown a water-fountain without glass shade, produced by use of counter-fountain, but which, having proved unsatisfactory, I no longer manufacture. As given below, the prices do not include any water-fountain, nor the metal box containing pot-plants, as represented. In case water-fountain is desired, the regular style, with shade and statuette, will be furnished for \$50 additional. The engraved lines on marble will be finished in gold or black, as desired.

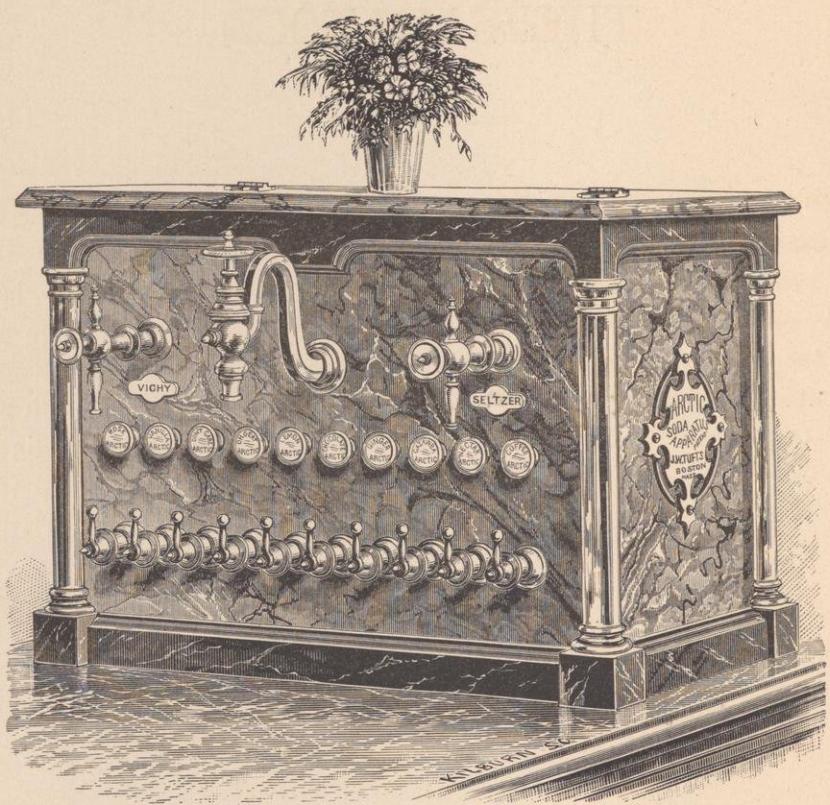
SIZE.—Length across the counter, 2 feet 7 inches; width, 1 foot 9 inches; height, 3 feet  $4\frac{1}{2}$  inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

#### *WITHOUT WATER-FOUNTAIN.*

In white Italian marble . . . . .	\$375
In Sevier marble . . . . .	400
In Italian Bardiglio marble . . . . .	450
In Tennessee marble . . . . .	450



THE MAGNET.

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## THE NORTHERN LIGHT.

---

DESIGNED for counter, this apparatus, as illustrated on opposite page, has body of white Italian, with overlays of Tennessee marble on front and sides. The covers are ornamented with silver pillars, terminating in elaborate scroll-work at top and bottom.

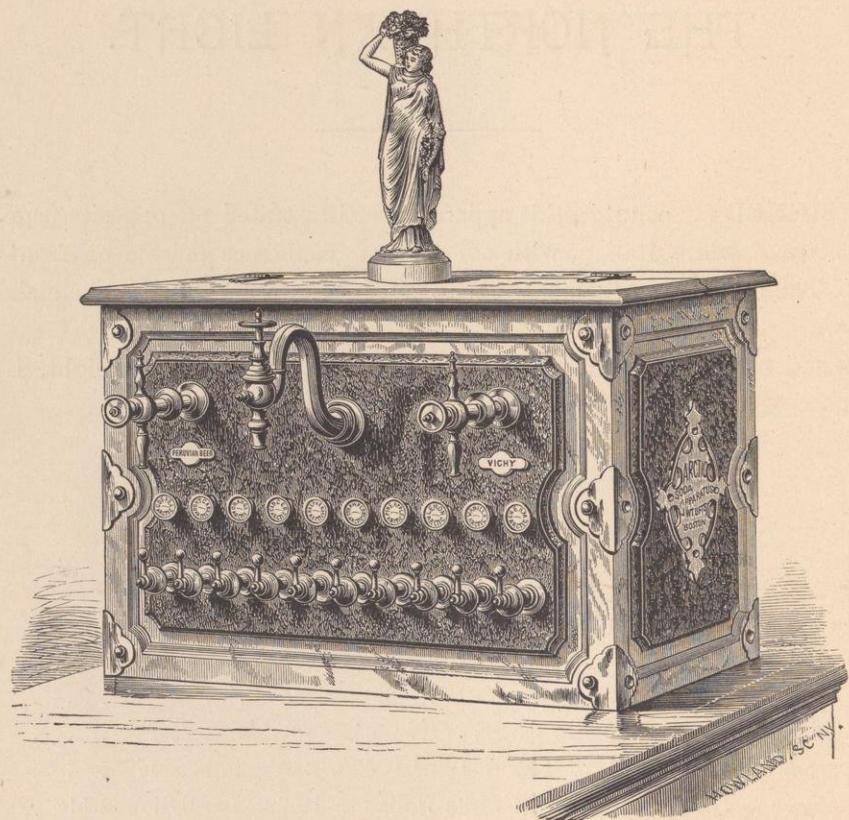
SIZE.—Length, 2 feet 8 inches; width, 1 foot 7 inches; height, 1 foot 10 inches.

### PRICE.

#### With Ten Syrups and Three Draught-Tubes.

In white Italian, Dove, or American Bardiglio marble, with panels of Tennessee marble . . . . .	\$375
In Sevier marble, with panels of Italian Bardiglio marble . . . . .	400
In Italian Bardiglio marble, with panels of Tennessee marble . . . . .	425
In black marble, with panels of Tennessee or Italian Bardiglio marble . . . . .	425
In Tennessee marble, with panels of white Italian or Italian Bardiglio marble . . . . .	425

The price of this apparatus, in eight syrups, will be \$25 less than in ten syrups.



THE METEOR.

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## THE UNIQUE.

---

IN this style will be found one of the most beautiful counter-apparatus for the price ever introduced. It is made of one kind of marble, which, as shown, is Sevier, with ornamentation in enamelled black or gold lines, and a tablet of roughened marble over the draught-tubes. Its size and form admit of the best cooling-facilities, while the architectural effect makes it a very beautiful and attractive style. It contains all the latest improvements.

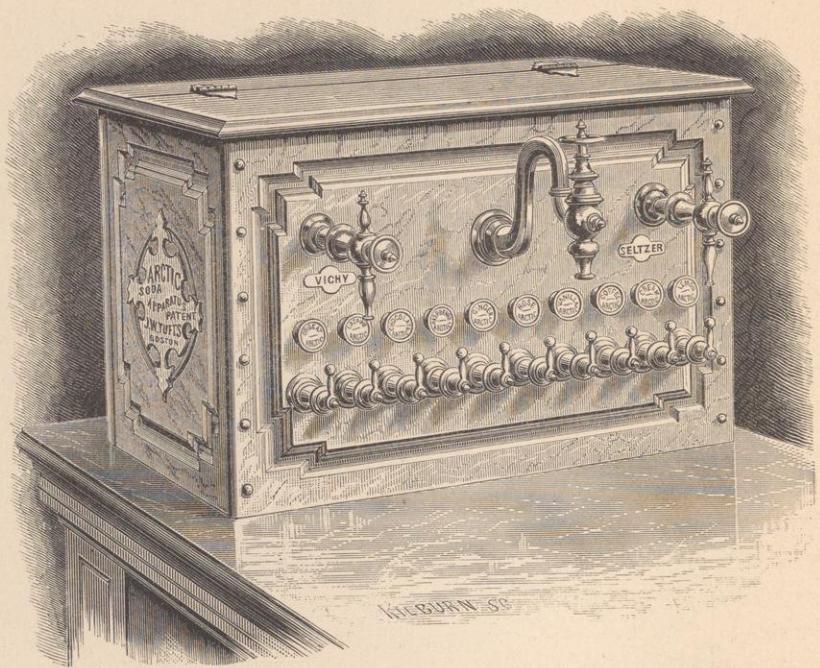
Sevier marble is recommended for this style, as for all others, as one of the most beautiful of the fancy marbles. It takes a fine polish, and is sound and strong.

**SIZE.**—Length across the counter, 2 feet  $4\frac{1}{2}$  inches; width, 1 foot 6 inches; height of body, 2 feet  $6\frac{1}{2}$  inches.

### PRICE.

With Ten Syrups and Three Draught-Tubes.

In white Italian marble	.....	\$300
In American Bardiglio marble	.....	300
In Sevier marble	.....	325
In Italian Bardiglio marble	.....	375
In Tennessee marble	.....	375



THE STANDARD.

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## THE ALASKA SPRAY.

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THIS modified design of the Alaska is composed of but one variety of marble, which, as shown in engraving, is white Italian. It has a single-stream draught-tube, my regular syrup-faucets with Alaska syrup-plates, block-tin syrup-cans, and cylinder-coolers.

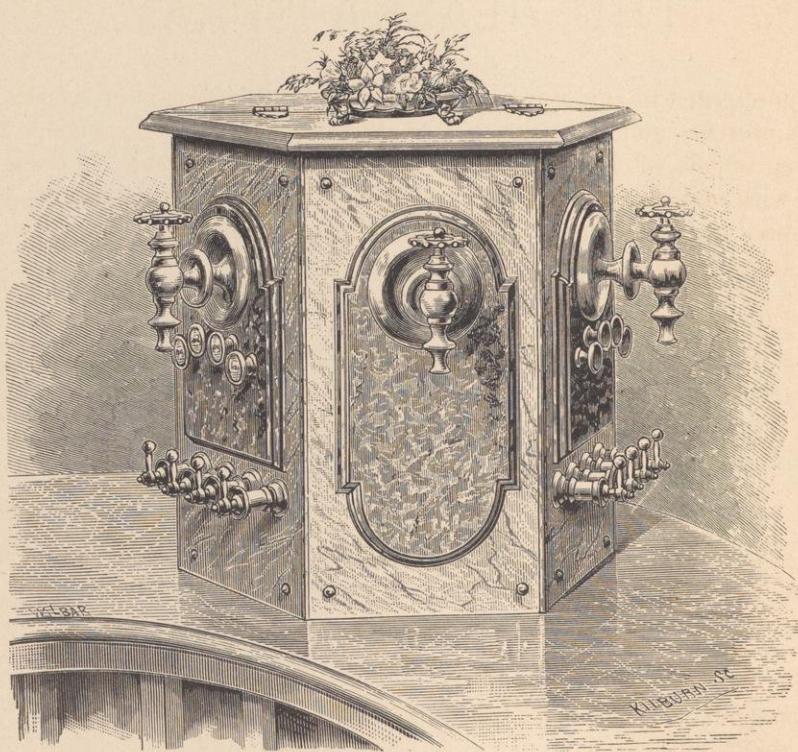
The cover is made in two parts, and joined with silver-plated hinges.

SIZE.—Length across the counter, 2 feet; width, 1 foot 6 inches; height, 2 feet 6 inches.

### PRICE.

With Eight Syrups and One Single-Stream Tube.

In white Italian marble	.....	\$135
In American Bardiglio marble	.....	135
In Sevier marble	.....	160
For two extra syrups, add	.....	25
For two extra draught-tubes, add	.....	25
For patent double-stream tube, add	.....	25
For patent Arctic cooler, add	.....	25



THE HEXAGON ALASKA.

## HEXAGON ALASKA.

---

AS represented in engraving on opposite page, this design of Alaska is for counter-use, and is constructed of white Italian marble, each side having overlaying tablets of Tennessee marble. The joints of marble, at corners, are covered with metal mouldings heavily silver-plated. The syrup-faucets are the same as used in the Arctic, lined throughout with solid, pure block-tin. The draught-tubes produce but one stream.

SIZE OF EIGHT-SYRUP APPARATUS.—1 foot 10 inches by 2 feet, and 2 feet 4 inches high.

SIZE OF TEN-SYRUP APPARATUS.—2 feet 4 inches by 2 feet 6 inches, and 2 feet 5 inches high.

### PRICES.

MARBLE.	EIGHT SYRUPS.		TEN SYRUPS.	
	1 Dr.-Tube.	3 Dr.-Tubes.	1 Dr.-Tube.	3 Dr.-Tubes.
White Italian, with Tennessee tablets . . . . .	\$275	\$310	\$300	\$335
American Bardiglio or Dove, with Tennessee tablets . . . . .	285	320	310	345
Sevier, with Bardiglio tablets . . . . .	300	335	325	360
Tennessee, with Bardiglio tablets . . . . .	325	360	350	385
Italian Bardiglio, with Tennessee tablets . . . . .	325	360	350	385

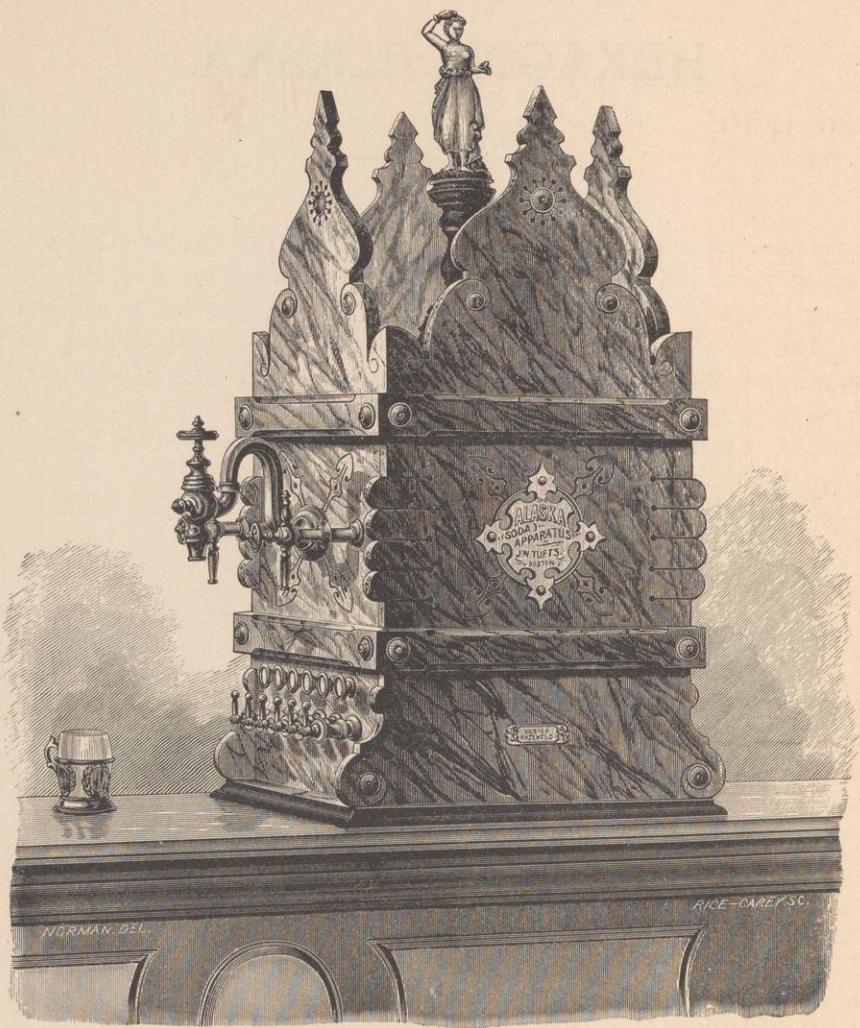
For patent double-stream tube, in place of the single-stream tube, add \$25.

The use of silver-plated corner pillars in place of the moulding adds \$20 to price of either style. I would strongly recommend this improvement, as the apparatus gains in appearance far more than the amount charged.

### Without Tablets, neatly carved.

MARBLE.	EIGHT SYRUPS.		TEN SYRUPS.	
	1 Dr.-Tube.	3 Dr.-Tubes.	1 Dr.-Tube.	3 Dr.-Tubes.
White Italian . . . . .	\$225	\$260	\$250	\$285
American Bardiglio or Dove . . . . .	235	270	260	295
Sevier . . . . .	250	285	275	310
Tennessee . . . . .	260	300	300	335
Italian Bardiglio . . . . .	260	300	300	335

SIZE.—Same as with tablets.



THE SPARKLE ALASKA.

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## THE ALBION DRAUGHT-STAND.

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ADAPTED for mineral-water, soda-water, ginger-ale, root-beer, etc. This apparatus has base of black marble, with pedestal and other parts of metal heavily silver-plated. It is provided with double gas-fixtures, and is surmounted with water-fountain.

SIZE.—Extreme height, 4 feet 4 inches; width of body, 1 foot 6 inches.

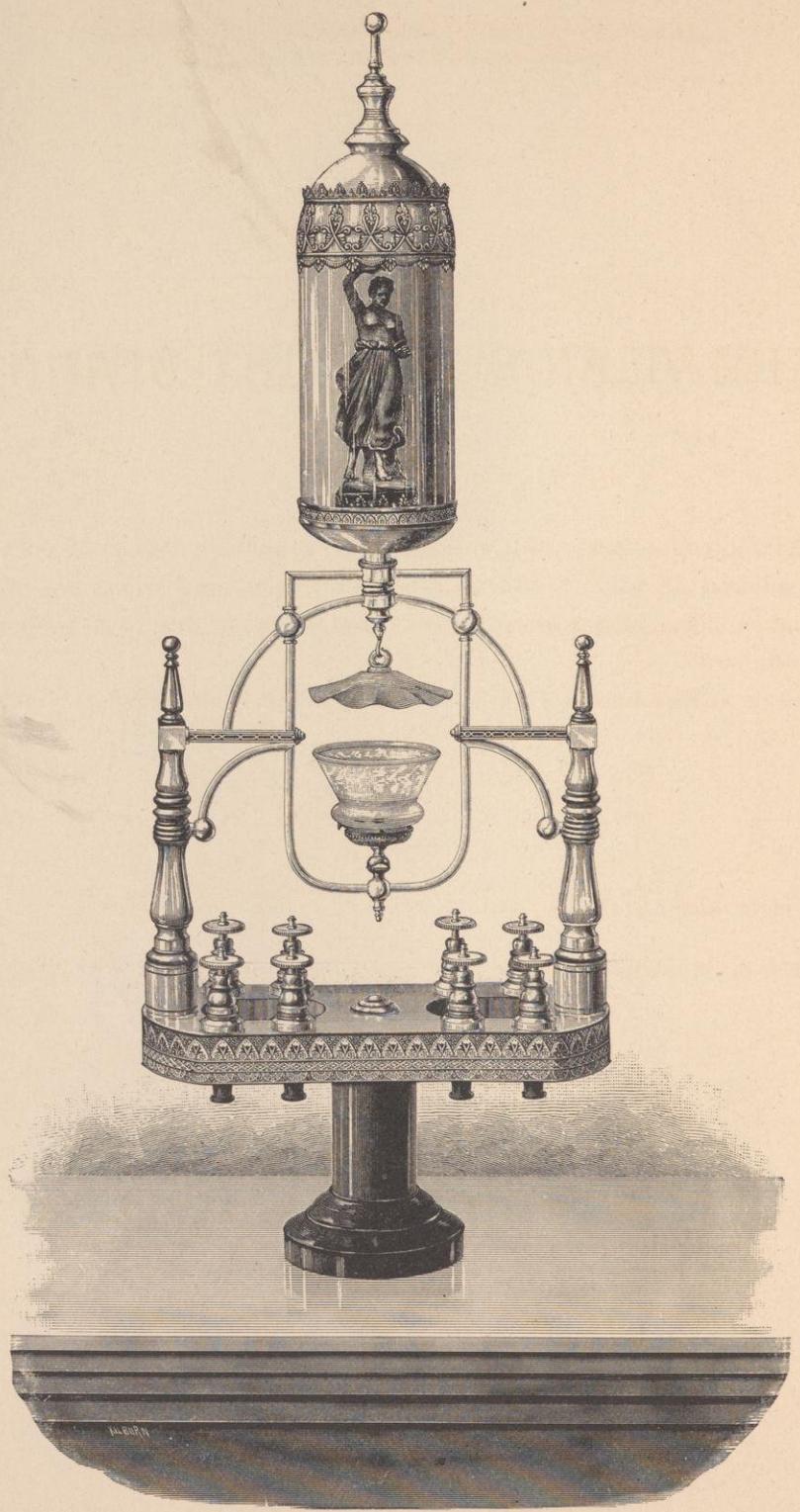
### PRICE.

With eight draughts, as shown . . . . .	\$255
-----------------------------------------	-------

If more or less draughts are desired, add or deduct \$5 for each, as case may be; but, in all cases, it must contain an *even* number. For double-stream tube, in place of either of the single ones shown, add \$15 to above prices.

The number of draughts in this stand must be even, so that an equal number may be placed on each side of the standards.

Price includes ice-case, coolers, pipes, and couplings.



DALMATIAN STAND, NO 2.

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## THE CRESCENT DRAUGHT-STAND.

---

A DAPTED for mineral-waters, soda-water, ginger-ale, root-beer, etc. This apparatus is much like the Palmetto Draught-Stand, except that it rests upon two pillars instead of upon a centre pedestal.

SIZE.—To top of silver finials, 2 feet 3 inches; extreme height, 3 feet 9 $\frac{1}{2}$  inches; at base outside measure from pillar to pillar, 1 foot 4 $\frac{1}{2}$  inches.

### PRICES.

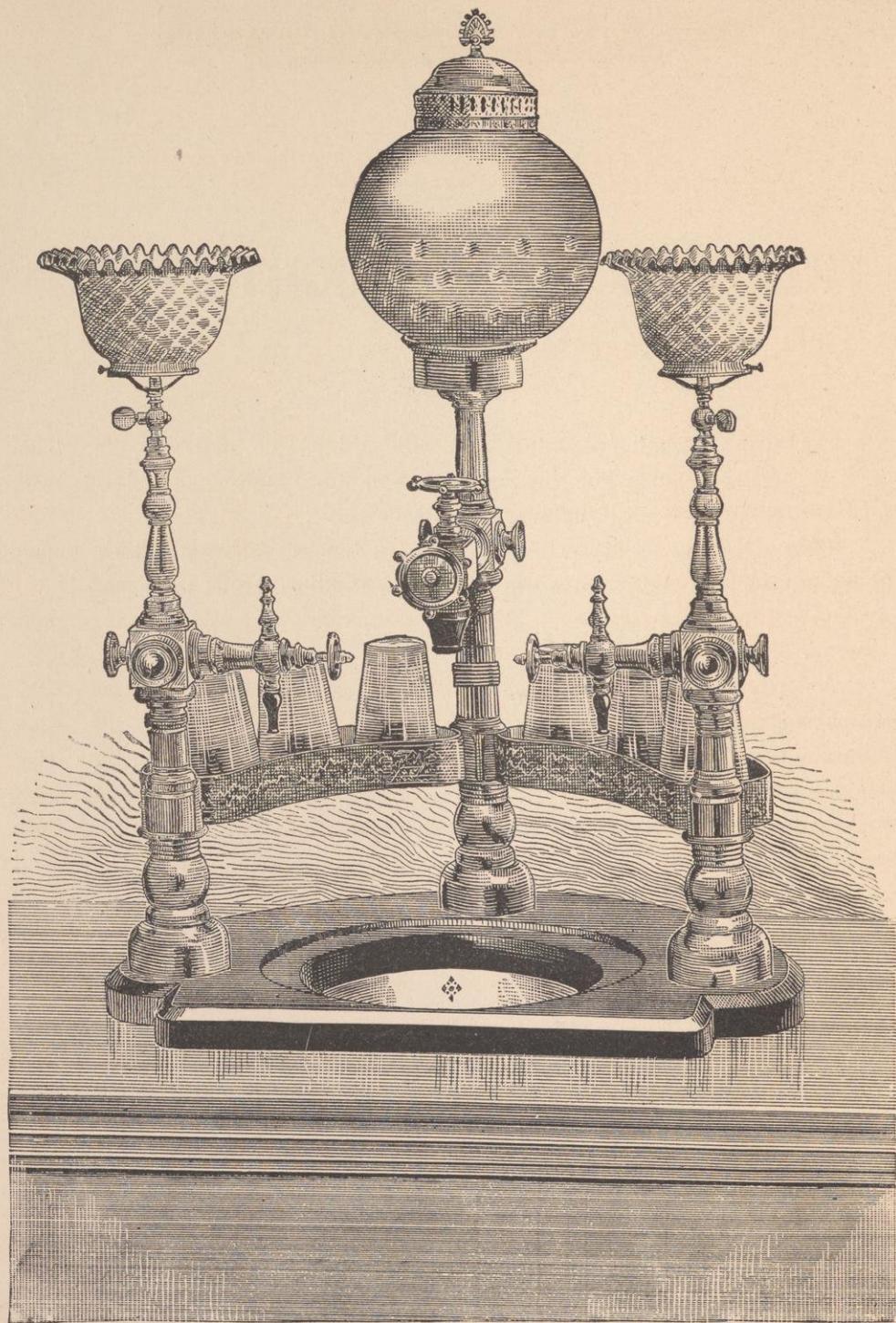
For two mineral-waters	.....	\$115
For two mineral-waters, and one double-stream tube	.....	135
For four mineral-waters	.....	125
For three mineral-waters, and one double-stream tube	.....	140
For six mineral-waters	.....	135
For five mineral-waters, and one double-stream tube	.....	150
For eight mineral-waters	.....	145
For seven mineral-waters, and one double-stream tube	.....	160

Prices as above include water-fountain, ice-case, with coolers (which are under counter), and couplings.

If bouquet-holder should be preferred in place of water-fountain, deduct \$15 from above prices.

As shown on opposite page, all the draught-tubes are single stream. Should a double-stream tube be wanted for soda, in place of either single tube, add \$15 to above prices as quoted for mineral-waters.

This apparatus is much like the Palmetto Draught-Stand, except that it rests upon two pillars instead of upon a centre pedestal.



THE CONGRESS DRAUGHT-STAND.

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## THE INDEX DRAUGHT-STAND.

FOR mineral-waters. In this apparatus, the waters are all drawn from one nozzle; but there is no possibility of one beverage being brought in contact or mixed with another.

The operation of it is extremely simple. The name of each beverage is engraved on an adjustable plate inserted in the knobs on top of the stand. When either beverage is to be dispensed, the knob bearing the plate of the beverage desired is brought to the front by turning the wheel, and then turned very slightly in the opposite direction, when the stream at once discharges from the tube, no water escaping until the wheel is reversed.

The stand is provided with my non-corrosive tumbler-rest and nozzle. All overflow from the tumbler is carried off by holes in the bottom of the tumbler-rest connecting with a pipe leading through the counter.

SIZE.—Height, 1 foot 11 inches; width, 11 inches.

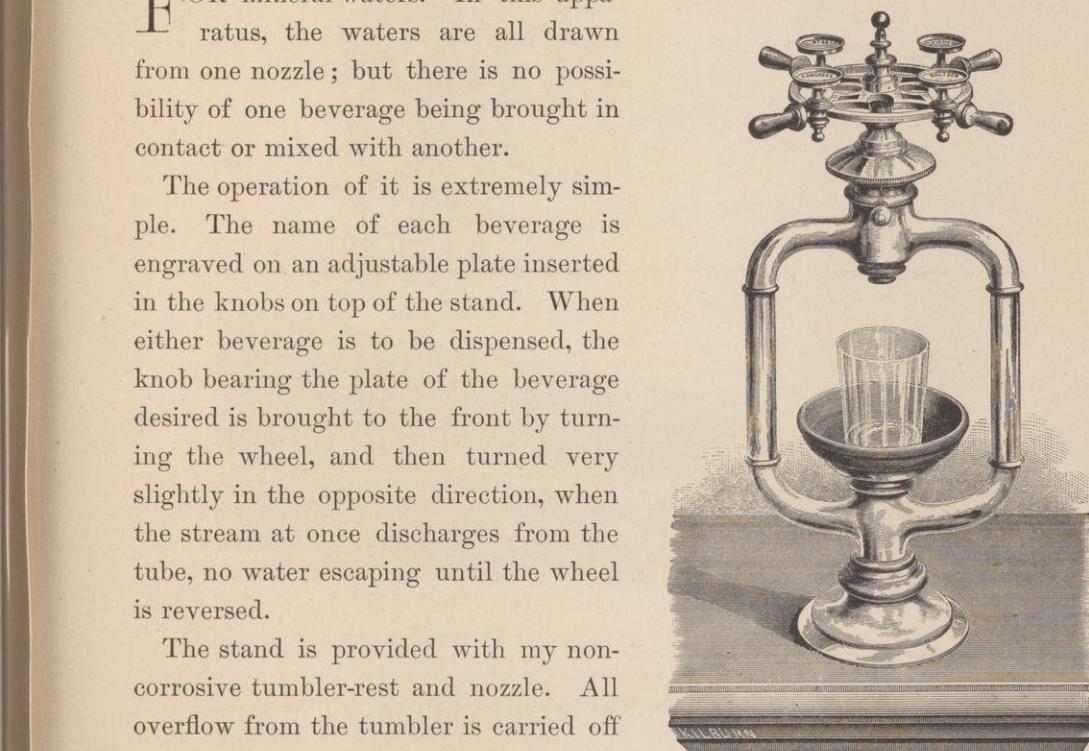
### PRICES.

For two waters	.....	\$50
For three waters	.....	55
For four waters	.....	60
For six waters	.....	65

Prices as above include coolers, pipes, couplings, and ice-case.

Coolers are used under the counter.

This stand cannot be used for soda-water unless to be drawn plain.





## COUNTER DRAUGHT-TUBES.

THE above cut represents silver-plated draught-tubes, to be connected through the counter, where there is not the requisite number of tubes in the counter-apparatus.

Each tube bears a silver plate engraved with name of the beverage, and is provided with my non-corrosive nozzle. A line of these tubes for the various mineral-waters, ginger-ale, etc., presents a very attractive appearance, and will be found exceedingly convenient.

### PRICE.

For each tube, with supply-pipe and cooler . . . . . \$18

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## PATENT REVOLVING TUMBLER-WASHER.

### STYLE No. 1, HIGH BASE.

THE use of my Patent Revolving Tumbler-Washer, in all sections of the country, has proved it to be durable and efficient in every particular. Its simplicity insures this result; and its great advantages over other tumbler-washers, whose complication of arrangement renders them not only useless, but decidedly objectionable, cannot be overestimated.

It is constructed entirely of metal, heavily silver-plated, and *does not get out of order*. The tumblers are revolved by the force of water, which is started automatically when the tumbler is placed upon the valve (*the valve closing when it is removed*); while another jet falls upon the outside, thus thoroughly washing the tumbler without resorting to a tub or basin, and in full view of the customer, who is thus assured that the glasses are *cool* and *clean*. A force of water is required. The No. 1 size requires but two small holes in counter near centre, and measures 23 inches in diameter.

These tumbler-washers have been much improved by the addition of a patent turbine attachment, which revolves inside each tumbler; and an automatic water-regulator, which so regulates the force of the water, that all, or only a part, of the standards may be used at discretion. These washers are for six tumblers.

#### PRICES.

With water-attachment complete, as shown in photograph . . . . .	\$125
With bouquet-holder in place of water-attachment . . . . .	100

Price includes one dozen tumblers, especially adapted to the washer.

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## PATENT REVOLVING TUMBLER-WASHER.

### STYLE No. 2, LOW BASE.

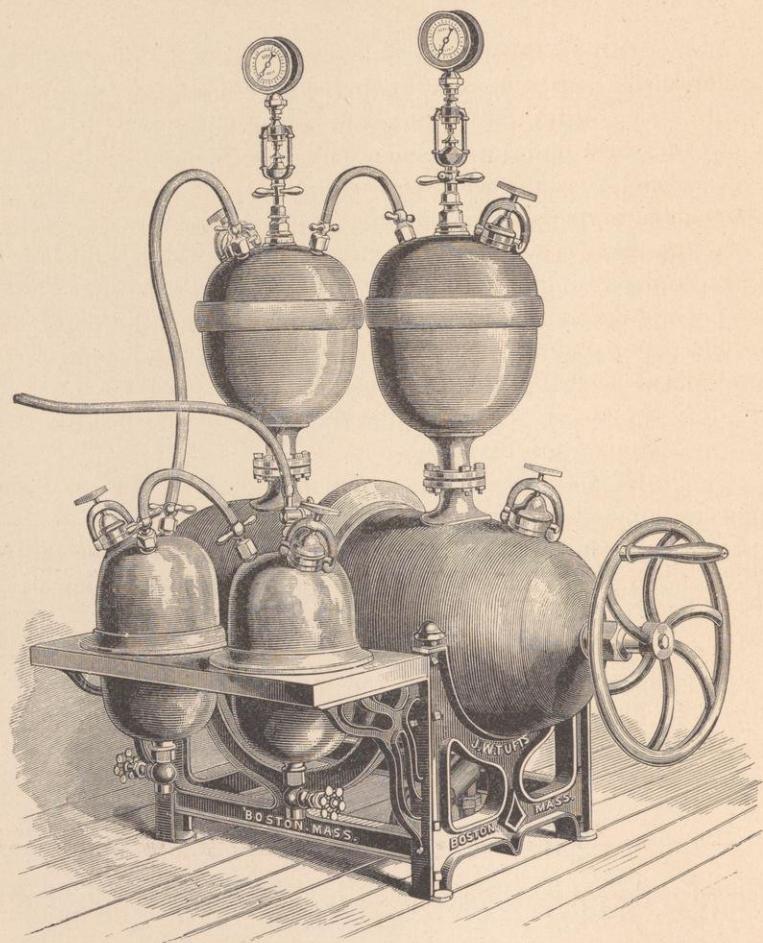
THE No. 2 style of the Patent Revolving Tumbler-Washer is exactly the same as the No. 1 style, excepting that the basin is made lower, as shown in the photograph.

The No. 2 style requires a hole in counter of 16 inches diameter, and measures 20 $\frac{3}{4}$  inches in diameter.

#### PRICES.

With water-attachment complete, as shown in photograph . . . . .	\$105
With bouquet-holder in place of water-attachment . . . . .	80

Price includes one dozen tumblers, especially adapted to the washer.



HORIZONTAL COPPER GENERATOR.

STYLE A.

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JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

## HORIZONTAL IRON GENERATOR.

STYLE F.

*For Charging Portable Fountains.*

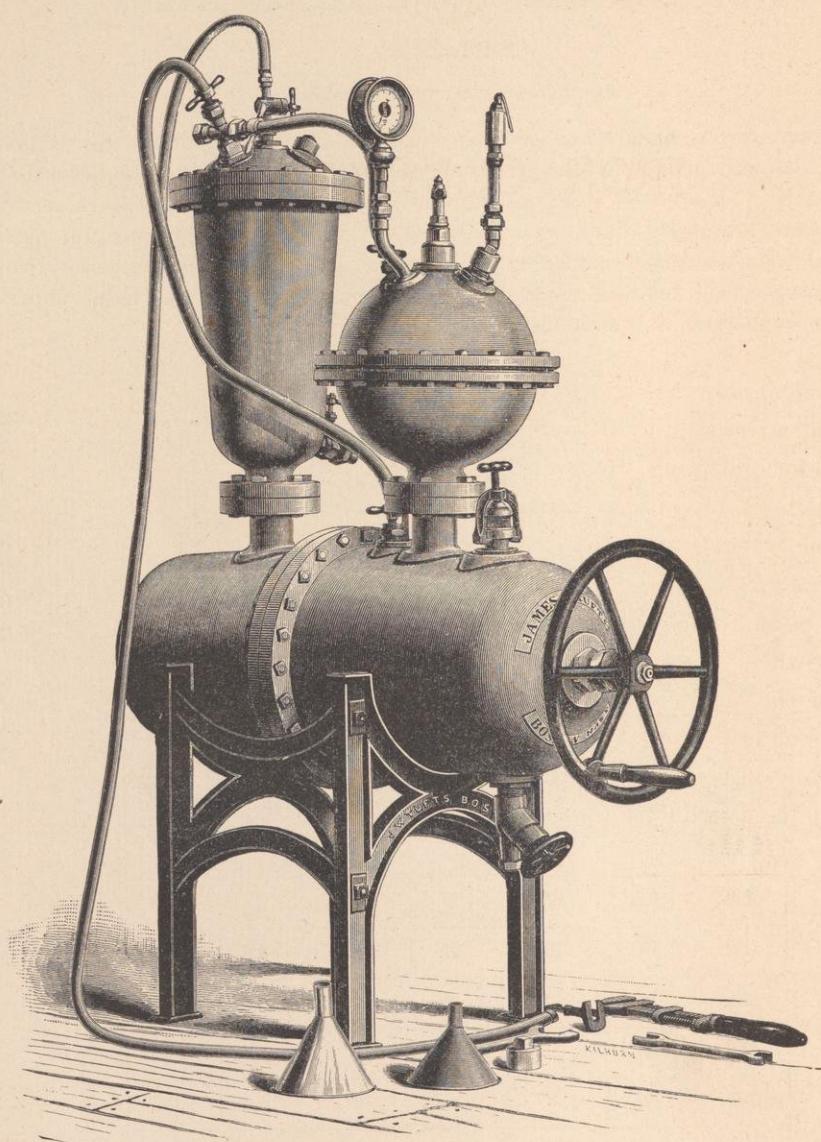
THIS generator is made from castings furnished by the celebrated South-Boston Iron Company, makers of the government cannon, who furnish all material for my iron machinery. It is set on a very substantial frame; and all its pipes, connections, and cocks are thoroughly lined with heavy block-tin. It has vitriol-pot and purifier on top, and is provided with all the latest improvements, such as gauge, safety-valve, large agitating-wheel, blow-off cock, rubber charging-pipe, etc.; and filling-plug has clamp-joint connection as well as usual cap.

## PRICES.

## Capacity of Tufts' Iron Generators, Fountains, and Cylinders.

No. of Generator, also capacity in gallons at a dis- pensing pressure of 150 lbs.	Capacity in gallons at a bottling pres- sure of 60 lbs.	Capacity of Gene- rator.	Capacity of Vitriol- Chamber.	Capacity of each Fountain or Cyl- inder.	Capacity of Pur- ifiers.	No. of dozen of $\frac{1}{2}$ - pint bottles filled at a single charge.
100	250	17	3	17	3	166
150	375	25	$4\frac{1}{2}$	25	$4\frac{1}{2}$	243
200	500	33	6	33	6	333
250	625	41	$7\frac{1}{2}$	41	$7\frac{1}{2}$	415
330	825	55	10	55	11	544
450	1,125	75	$13\frac{1}{2}$	77	$14\frac{1}{2}$	747
750	1,875	125	$22\frac{1}{2}$	130	$23\frac{1}{2}$	1,245
1,000	2,500	170	30	175	31	1,660

The charging-capacity of the above generators is not based upon a loss of gas or water, but upon actual production. But the number of dozen bottles turned out at a full charge is based upon loss of both water and gas caused in the actual bottling operation.



IRON GENERATOR.

STYLE K.

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## NEW IMPROVED HORIZONTAL GENERATOR.

### STYLE M, 1,000-GALLON SIZE.

THIS generator is made only for power-use, and has globe vitriol-pot and two portable purifiers. It is constructed from iron furnished by the celebrated South-Boston Iron Company, makers of government cannon, and has two filling-plugs and two blow-off cocks, one on each end. On account of the size and height of this generator (No. 1000), a newly patented gear has been attached to vitriol-stem, which consists of cogs and lever-wheel, enabling the regulating the flow of vitriol to a nicety, from the floor, thus avoiding the use of steps; which advantage every manufacturer will recognize as a saving in time and trouble.

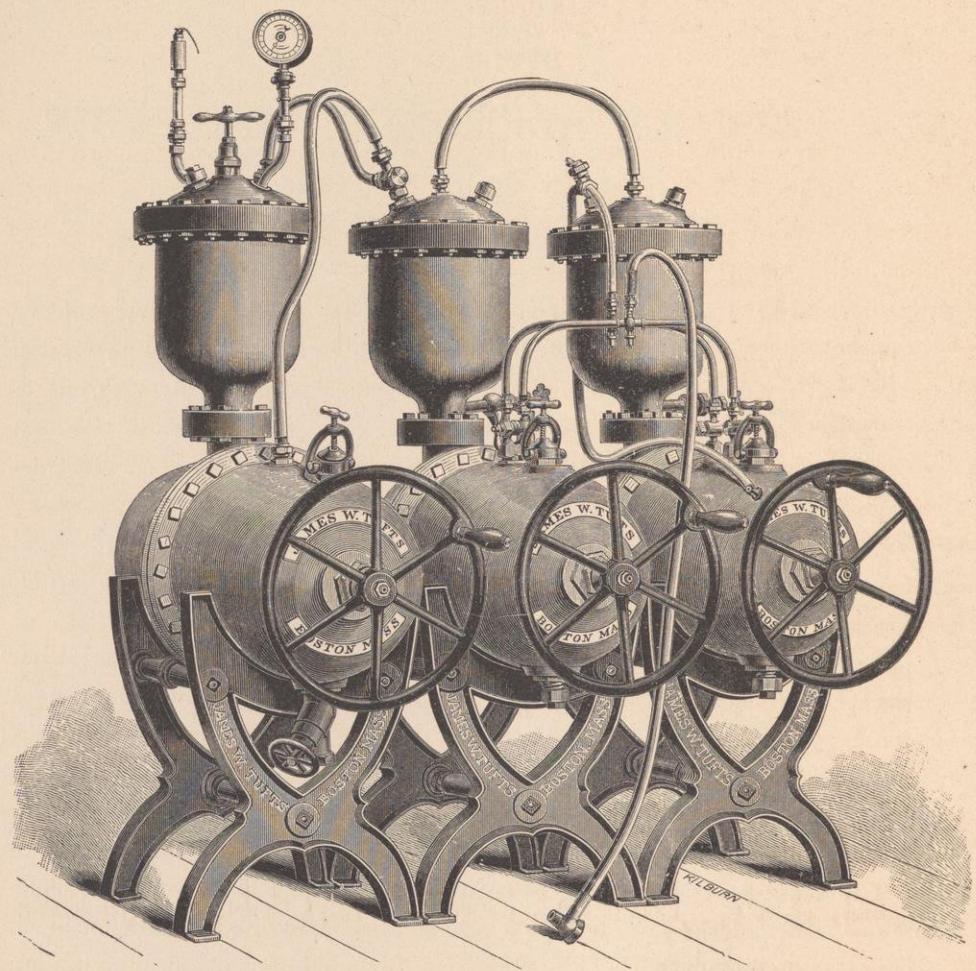
The construction of the agitator is such that twice the amount of agitation is produced as by those commonly in use. The portable purifiers each stand on three legs, which can be detached at will. Connecting the first purifier with generator is a brass pipe two inches in diameter, which, from its size, completely prevents any overflow from alkali-chamber. Filling-plugs to generator, vitriol-chamber and purifiers, are provided with clamp-joint connections in addition to caps. The second purifier has a branch connection, with three cocks for charging pipes, thus enabling the operator to charge three portable fountains at once. In smaller sizes (see p. 233), the purifiers can be on side or on top of cylinders as preferred. In common with all my make of generators, this style has all the latest improvements.

### PRICES.

No. 1000, as shown and described . . . . . \$1,200

The following size is made same as No. 1000, as shown:—

No. 750 . . . . . \$1,000



BOTTLING SET.

STYLE G.

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## BOTTLING SET.

### STYLE N.

THIS set consists of generator, and three bottling-cylinders, with tall purifiers on top of each. The engraving on opposite page shows a set with capacity of 250 gallons, and has the following important attachments, which are included in price given below:—

BROWN'S PATENT ATTACHMENT. — A regulating-gear, consisting of cogs and lever-wheel, attached to vitriol-pot, rendering it easier of access, especially in larger sizes, thereby regulating the flow of vitriol to a nicety.

REGULATING-VALVE. — This valve is so constructed that it equalizes perfectly the pressure in all the cylinders, while at the same time allowing the generator to be used for charging portable fountains or siphons without disconnecting.

WATER-GAUGE. — This can be attached to outside of cylinder, and indicates the exact amount of water in each.

*These improvements can be supplied with new sets only, and cannot be attached to old apparatus.*

In this style is furnished, without extra cost, an extra pressure-gauge, which, placed on cylinders, enables the operator to ascertain exact pressure on all cylinders without reference to gauge on generator.

Set N can be used either by hand or power. The generator and cylinders are so set into a very substantial iron frame by means of trunnions as to preclude any possibility of their being displaced while operating. The set is supplied with all the latest improvements contained in all my present make of bottling-machinery.

Price of bottling-set, style N, complete, with Brown's patent attachment for regulating flow of vitriol, water-gauges (one on each cylinder), and regulating-valve:—

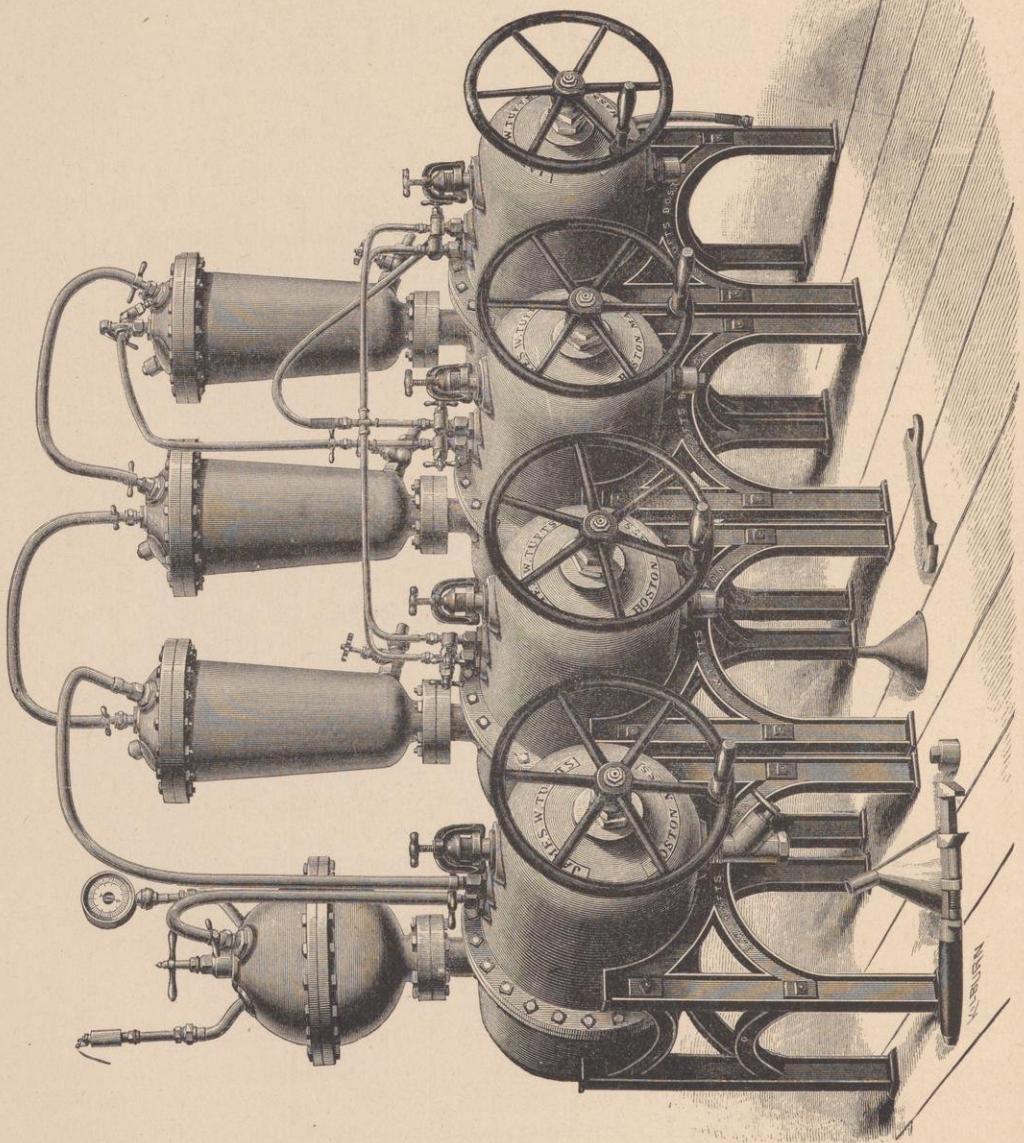
Size.	With one Generator and three Cylinders.	With one Generator and two Cylinders.	With one Generator and one Cylinder.
100	\$645 00	\$520 00	\$395 00
150	795 00	640 00	485 00
200	945 00	760 00	575 00
250	1,170 00	940 00	710 00
330	1,395 00	1,120 00	845 00
450	1,795 00	1,440 00	1,085 00
750	2,595 00	2,080 00	1,565 00
1000	3,095 00	2,480 00	1,865 00

Without Brown's patent attachment, deduct . . . . . \$15 from above.

Without water-gauge on cylinders, for each cylinder, deduct . . . . . 15 from above.

Without regulating-valve, deduct . . . . . 35 from above.

On other style generators or outfits, where these improvements are required, add above prices to list.



BOTTLING SET.

STYLE O.

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JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

## BOTTLING OUTFIT.

### STYLE C.

THIS outfit is made of copper, and has horizontal generator, and two cylinders, with capacity of twenty-nine gallons each, provided with pump for forcing water in against pressure, thereby saving loss of gas. It is provided with my bottling-machine No. 1, which, in addition to its compactness, has many advantages not possessed by the old style bottling-table, and is complete with syrup-can and gauge.

The pipes, cocks, and connections are all heavily lined with block-tin; and all filling-plugs are provided with clamp-joint connections, as well as cap. Embracing all the latest improvements, I am confident that the prices of styles C and D are lower than those of any other outfit equal in merits ever before offered.

#### PRICES.

As shown by engraving, style C horizontal copper generator, with two purifiers, to charge 100 gallons at pressure of 150 lbs., or 250 at pressure of 60 lbs., bottling-pressure . . . . .	\$350
Two No. 2 bottling-cylinders . . . . .	250
Bottling-machine complete . . . . .	75
Pump-attachment . . . . .	50
Total . . . . .	\$725
Style C horizontal generator, as above . . . . .	\$350
Two No. 3 bottling-cylinders, to charge 20 gallons each . . . . .	200
Bottling-machine complete . . . . .	75
Pump-attachment . . . . .	50
Total . . . . .	\$675

## BOTTLING OUTFIT, STYLE D.

SAME AS STYLE C EXCEPT IN SIZE AND CAPACITY.

#### PRICES.

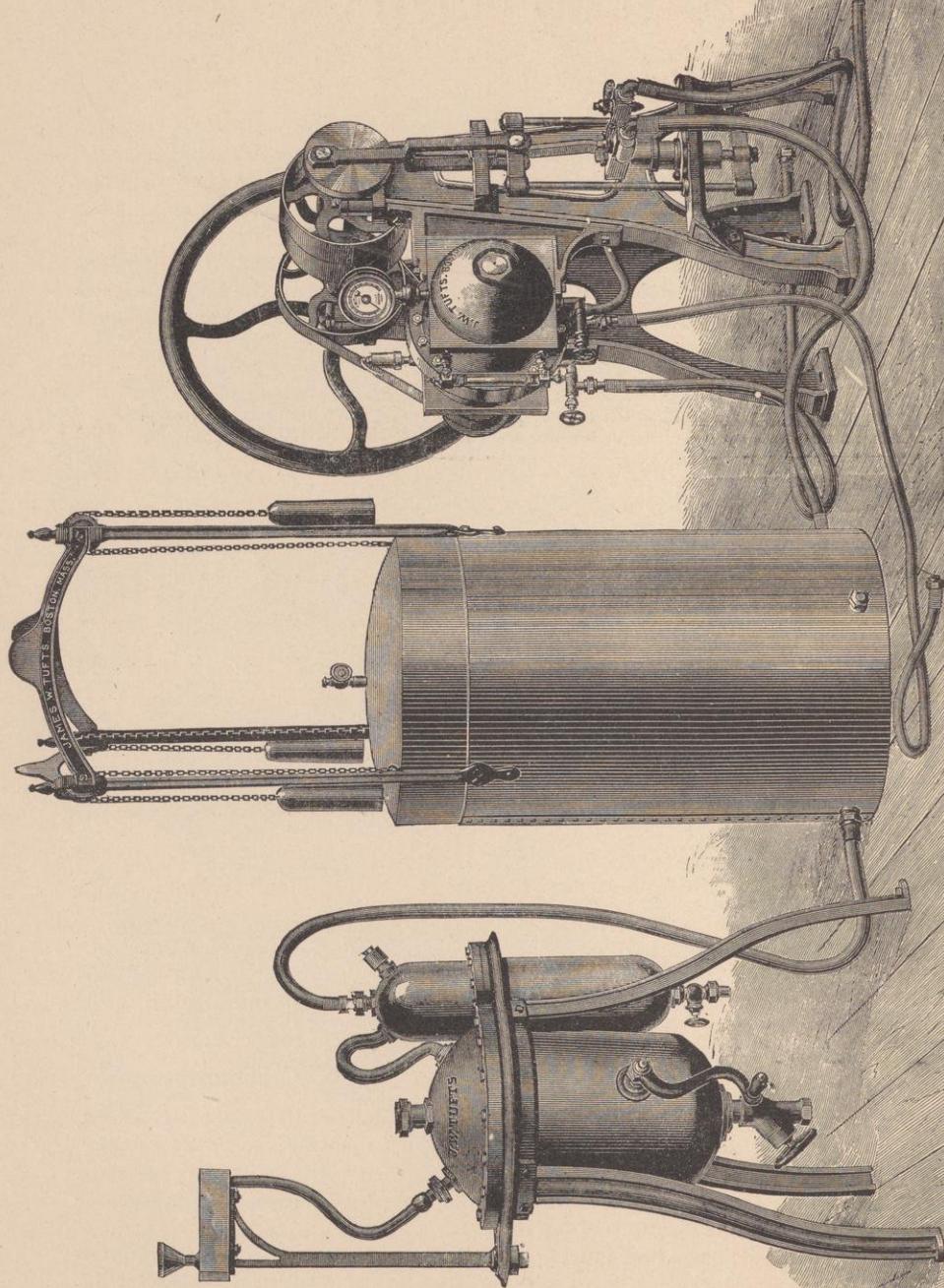
Style D horizontal copper generator, with 2 purifiers, to charge 85 gallons at a pressure of 150 lbs., or 212 gallons at bottling-pressure of 60 lbs. . . . .	\$300
Two No. 3 bottling-cylinders . . . . .	200
Bottling-machine complete . . . . .	75
Pump-attachment . . . . .	50
Total . . . . .	\$625

Of course, the pump-attachment, for filling against pressure, can be left out if desired, making a reduction of \$50; and the regular bottling-table can be substituted for the bottling-machine, at an extra cost of \$10. This outfit is made extra strong, and has all the appliances for safety and convenience. Although offered at a lower price than any other, it is superior to any outfit of equal size in the market.

The bottling-machine as shown in engraving of bottler's outfit, style C, is intended for use of corks only. If, however, it is required, I furnish an attachment for Miller, Klee, or Hutchinson stoppers, at an additional cost of \$15, which can easily be substituted for the one shown; and with this extra appliance it can be used for both corks or the patent stoppers.

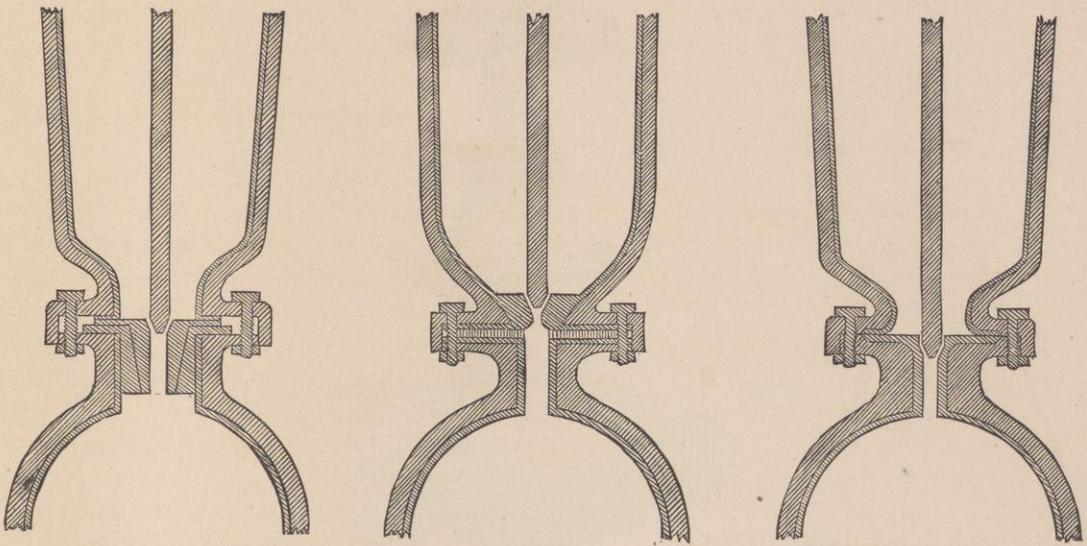
BOTTLING APPARATUS. CONTINUOUS SET.

ENGLISH PLAN.



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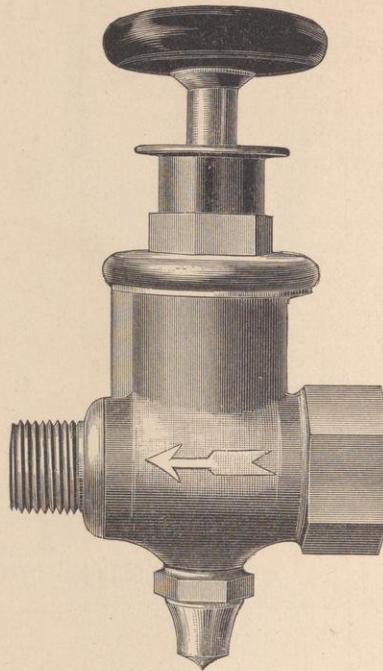
Tufts' construction.

As constructed by other Manufacturers.

## GENERATOR ACID VALVE-SEATS.

I WISH to call your attention to an important difference in the construction of acid valve-seats in generator, wherein I claim a great advantage for my goods over those of other manufacturers.

By reference to the drawings, you will see, that while the acid valve-seat shown in the second drawing is part of the lining of acid-chamber, and that shown in the third drawing is part of the lining of marble chamber, mine is in the lead-washer between these two chambers. Consequently, in case of damage to the acid valve or seat, the most vulnerable part of a generator, while generators made by other manufacturers will have to be sent to the factory for repairs, mine merely needs to have a new funnel-shape washer inserted, which can be done by any one in an hour or less, according to the size of generator, and at a cost of less than a dollar.



## TUFTS' AUTOMATIC REGULATING-VALVE.

Patented May 7, 1872, Aug. 17, 1880, Oct. 26, 1880.

THE importance of this invention to the bottling-trade cannot be overestimated. Before its introduction, the bottler found it impossible to charge two bottles of goods at the same pressure: now, by its use, every bottle is charged exactly alike. By its use, the bottler can charge portable fountains, and fill bottles at the same time without wasting gas: the breakage of bottles in filling is greatly lessened, and most of the gas ordinarily wasted at the filler-head is saved.

This is the original regulating-valve, — the patent antedating all others, — and it is admitted by all authorities to be the best in use. It has been thoroughly tested by practical bottlers. We claim for it, that it is not only the best in use, but the *only practical regulating-valve for carbonic-acid gas*. Other manufacturers are offering a valve similar in appearance, and claimed to be the same thing. The trade are cautioned against all such: they are not the same thing. This valve is constructed for carbonic-acid gas, and differs in essential parts from these similar valves, which are *steam-valves*. I have exclusive control of this valve, and it cannot be obtained elsewhere.

I furnish with it, free of cost, the necessary couplings to connect; so that by cutting the gas-pipe, and inserting these couplings, the regulating-valve can be attached to any bottling-apparatus.

I guarantee satisfaction, and will furnish the regulating-valve on trial to any responsible bottler.

Price . . . . . \$35

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## IMPROVED BOTTLING MACHINE,

FOR KLEE, HUTCHINSON, OR MILLER STOPPERS.

THIS machine is especially designed for bottlers who use the Miller, Klee, or Hutchinson stoppers. It is made specially strong, so that it cannot get out of order through proper usage, and is arranged for the most rapid working.

It has every appliance for safety and convenience.

This machine cannot be used excepting for the stoppers above mentioned.

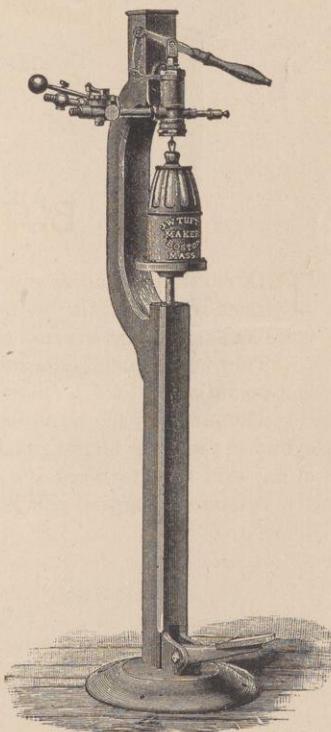
### PRICE.

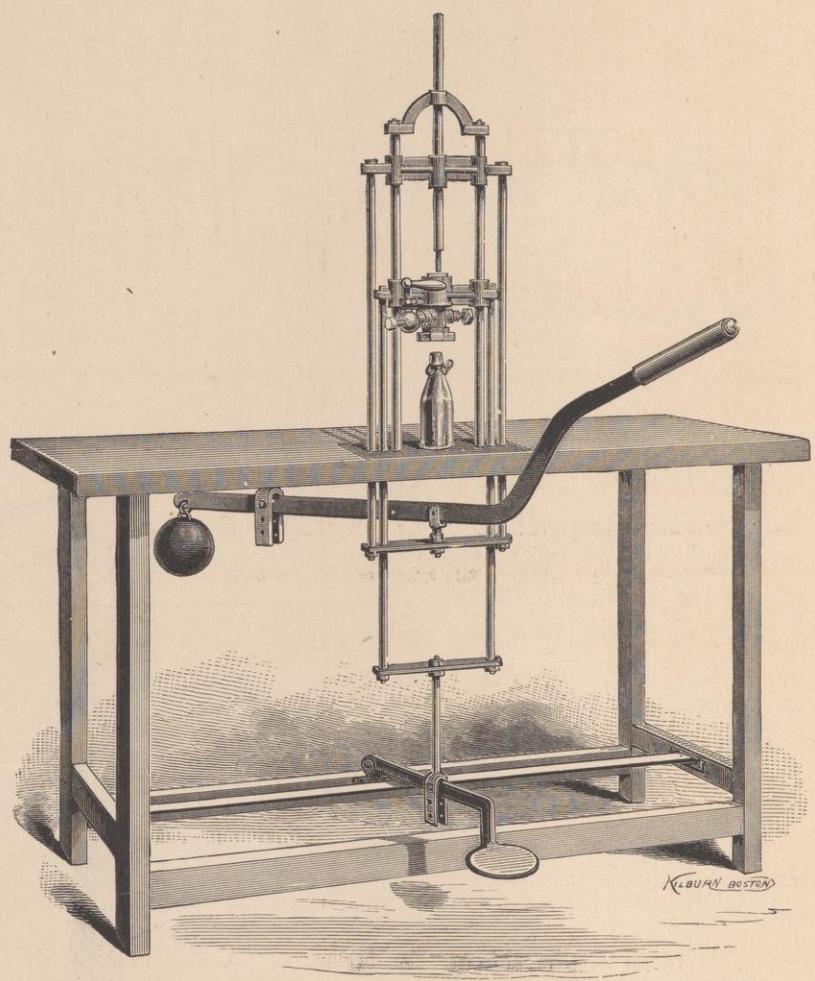
Complete with syrup-gauge, as shown . . . . \$60

For syrup-can, add \$5.

If wanted without syrup-gauge, deduct \$15, making the price of the machine alone, \$45.

Height 60 $\frac{1}{2}$  inches.

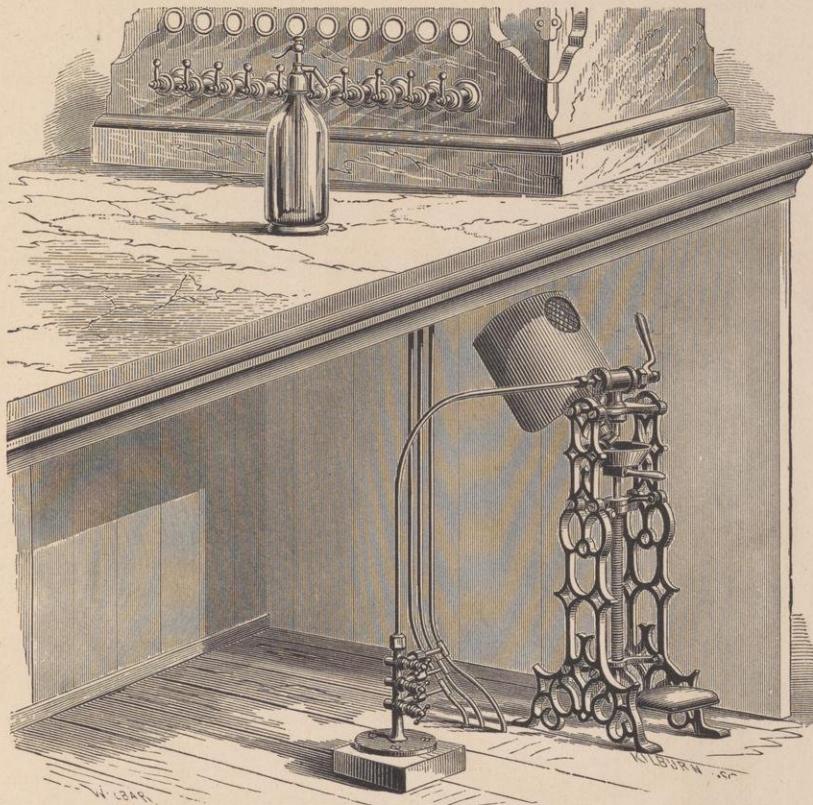




BOTTLING BENCH.

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## IMPROVED SIPHON MACHINE, NO. 1.

THE exceeding simplicity of this apparatus, and its great usefulness, have made it of the most profitable advantage to the dealer, in furnishing siphons of water to his customers, thereby greatly increasing the receipts from his apparatus, with little expense, and comparatively no trouble, to himself.

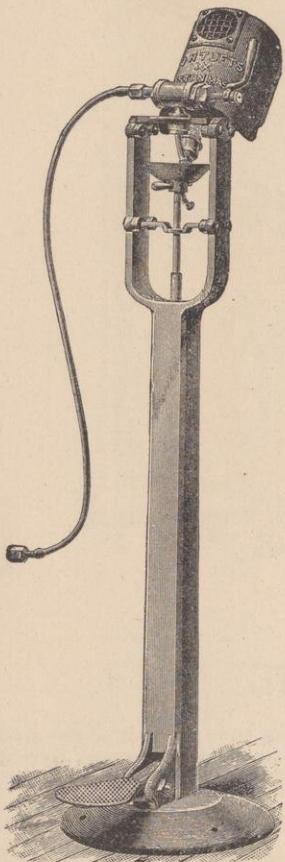
It is constructed on entirely new principles, and is so very convenient that it will commend itself to all dealers who will bestow their attention upon it.

Among its advantages may be enumerated its *SIMPLICITY*, which makes it free from the possibility of getting out of order; its *compactness*, which enables the dealer to place it under his soda-counter, connected with one or more of the leading pipes to his counter-apparatus, so that a single siphon can be filled instantly without disconnecting a coupling, or interrupting the use of the Arctic. This feature will strongly recommend the invention to those who wish to procure a small number of siphons, as it places them on an equal footing with dealers who make the business a specialty. It can be operated either by the hand, knee, or foot, being supplied with facilities for either; and it is adapted for position on bottling-bench for those who supply a very large demand.

It can be connected with any number of fountains. This latter result is obtained by the use of a distinct stop-cock for each water. Each cock is connected with the filler, and, if desired, intermediate between the counter-apparatus and the fountain. These stop-cocks can be attached either to the floor or the counter.

### PRICES.

Improved Siphon Machine, No. 1 . . . . .	\$30.00
Stop-cocks, each (single) . . . . .	2.50
Stop-cocks, set of two . . . . .	4.00
Stop-cocks, set of three . . . . .	5.00
Additional cocks, each . . . . .	1.25



## IMPROVED SIPHON MACHINE

NO. 2.

---

THIS machine has been specially designed for use of bottlers, and others, who make a business of filling siphons. It is intended for use, and not for show; so every part has been made and arranged for great strength and durability, and it cannot get out of order with proper usage. It has every possible appliance for convenience, safety, and rapid working. Height,  $5\frac{1}{2}$  inches.

### PRICE.

With shield and appliances, complete as shown . . . \$35

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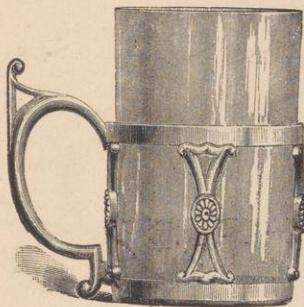
TUMBLER-HOLDER NO. 1.

Elegantly engraved. \$10 for set of 6.



TUMBLER-HOLDER NO. 2.

\$6 for set of 6.



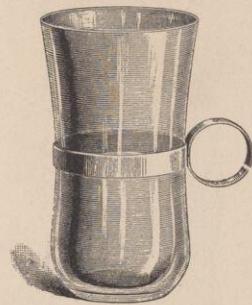
TUMBLER NO. 6.

To hold seven ounces. \$1.50 per dozen.

This tumbler is of French blown  
glass, and very thin.

TUMBLER-HOLDER, STYLE G.

\$7 for set of 6. This holder can be used  
only with No. 6 tumbler.



HOLDER AND TUMBLER,  
STYLE H.

The Tumblers are of French blown  
glass, and very thin. To hold  
six ounces.

Price \$1.50 per dozen.

The Holders are of spring-metal, and  
heavily plated.

Price 50 cents each.



TUMBLER-HOLDER, STYLE A.

\$8 for set of 6.



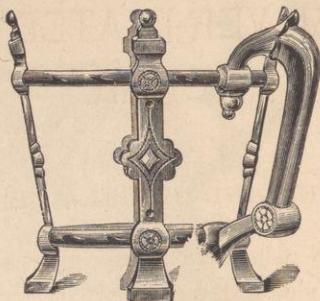
TUMBLER-HOLDER, STYLE B.

Elegantly engraved. \$12 for set of 6.



TUMBLER-HOLDER, STYLE D.

Elegantly engraved. \$10 for set of 6.



TUMBLER-HOLDER, STYLE E.

\$10 for set of 6.



STYLE K HOLDER AND NO. 7 TUMBLER.



STYLE C HOLDER AND NO. 5 TUMBLER.

THE No. 7 Tumbler is designed to fill a demand for a thin tumbler for soda-water. It is 4½ inches high, and will hold 11 ounces.

Style K is a new and elegant Holder made to fit the No. 7 Tumbler. It is both light and strong.

The Style C Tumbler-Holder represented, is an improvement on the old style C. Being made smaller and lighter than the old style, the proportion between the tumbler and holder is better; and at the same time the holder is made stronger.

The No. 5 Tumbler is 3½ inches high, and holds 9 ounces.

#### PRICES.

Style K Tumbler-Holder, for set of six . . . . .	\$10.00
No. 7 Tumbler, per dozen . . . . .	1.50
Style C Tumbler-Holder, for set of six . . . . .	6.00
No. 5 Tumbler, per dozen . . . . .	1.50

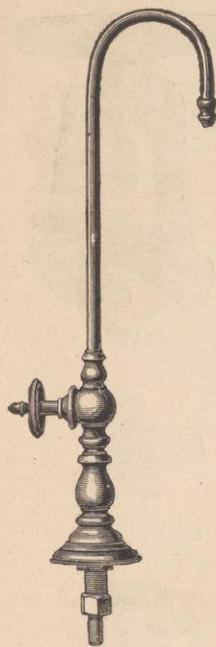
*These Holders will fit only the Tumblers for which they are made.*

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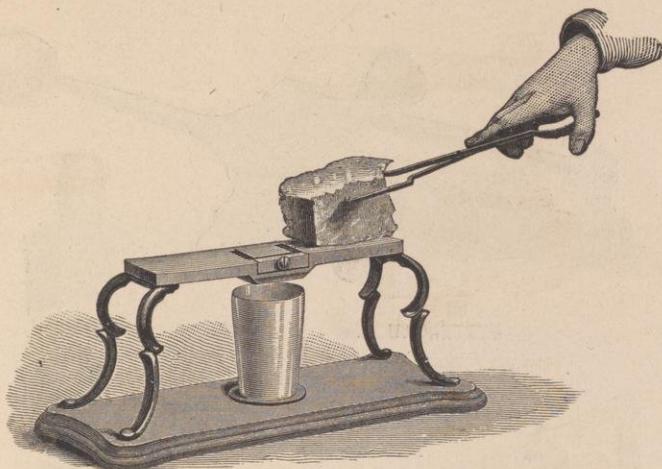
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JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

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COUNTER-TUBE.



ICE-PLANE, WITH TONGS.



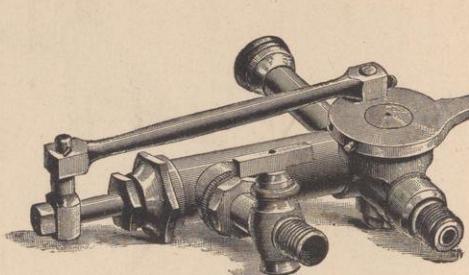
SPANNER-WRENCH.



LEMON-SQUEEZER.

For Descriptions and Prices, see page 275.

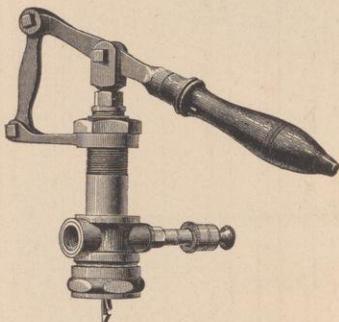
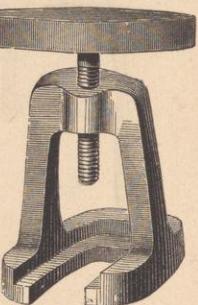
JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.



SYRUP-GAUGE.



CLAMP.



HUTCHINSON ATTACHMENT.



PIPE-COUPING.



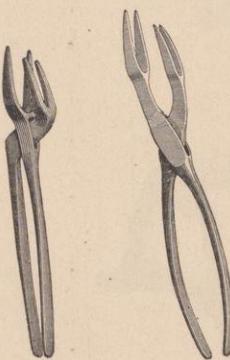
CLAMP-JOINT.



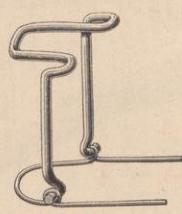
METALLIC CAP.



SYRUP-BOTTLE.



CORK-HOLDING TONGS.



WIRE CORK-FASTENER.



RUBBER-FACED CORK MALLET.

For Descriptions and Prices, see page 275.

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WHITE ITALIAN MARBLE

SLABS FOR COUNTER-TOPS.

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EQUAL care is used in furnishing the marbles for counters as is exercised in the selection of those for the construction of the Arctic; and dealers desiring counter-slabs will be supplied with the very best quality of imported marble, highly polished, and at a reasonable price.

In ordering, be particular to send diagram, and, if possible, a paper pattern of exact outline of slabs needed, indicating which side is the top, giving instructions as to polishing the edges; whether the half-round or moulded edge is wanted; whether the end is to be left square to meet another slab; whether the corners at the outer end are to be rounded off; also where the soda-apparatus or tumbler-washer is to be placed, that the suitable holes may be made.

In measuring marble, the invariable rule is to measure all polished surface: thus, if a slab be two feet wide, and polished on each edge, the measure would be two feet and two inches, thus measuring from *under side to opposite under side*.

Again, in relation to marble which is curved, or cut at sharp angles, owing to waste of stock, the measurement is made by squaring the whole outline.

The above custom is mentioned to avoid misunderstanding.

White marble is the only desirable marble for use on counter-slabs.

Price per square foot,  $\frac{5}{8}$  inch in thickness, \$1.20.

Price per square foot,  $1\frac{1}{2}$  inch thick, \$1.50.

No charge for boxing or teaming.

**Caution.**—No colored marbles are adapted for slabs. Only the best quality of white Italian marble should be used for this purpose; but some marble-dealers, through ignorance or economy, use a soft, porous marble, totally unsuited to this use. Such slabs are dear at any price.

## FRUIT-JUICES, EXTRACTS, ETC.

## PRICE-LIST.

The attention of the trade is invited to the goods mentioned in this price-list, with the assurance that the quality will be found equal, if not superior, to any in the market. My superior facilities for the production and manufacture of these articles, together with a very large sale, enable me to offer lower prices than is possible for any other manufacturer. These goods are made expressly for bottlers, and sold in bulk. They are not prepared for use in syrups at soda-fountains. Packages are charged extra for all goods in bulk.

## FRUIT-JUICES.

	Per gal.	Per case of 12- qt. champagne bottles.		Per gal.	Per case of 12- qt. champagne bottles.
Strawberry . . . . .	\$2.50	\$8.00	Blackberry . . . . .	\$3.50	\$11.00
Raspberry . . . . .	2.50	8.00	Wild Cherry . . . . .	3.50	11.00
Pineapple . . . . .	2.50	8.00	Maltese Orange . . . . .	3.50	11.00

These juices are specially prepared under most skilful direction, from the best qualities of the fruit. I would call special attention to the Raspberry and Pineapple juices, which I am confident will be found superior to any that can be procured elsewhere, my process of extraction and preparation retaining the natural flavor to a remarkable degree.

Prices in bulk do not include packages.

1-gallon jugs, extra . . . . .	\$0.20	5-gallon kegs, extra . . . . .	\$0.75
2 " " " . . . . .	.35	10 " " " . . . . .	1.00
3 " " " . . . . .	.50		

Prices in quart champagne bottles include package, and are neatly put up in wooden cases of one dozen.

Assorted cases at same price.

## EXTRACTS FOR FLAVORING SODA-WATER SYRUPS.

	Per pint.	Per gal.	Per gal. in lots of 5 gals. or more.
Lemon . . . . .	\$1.25	\$5.00	\$4.50
Strawberry . . . . .	1.25	6.00	5.00
Raspberry . . . . .	1.25	6.00	5.00
Ginger . . . . .	1.25	7.00	6.00
Orange . . . . .	1.00	5.00	4.00
Sarsaparilla . . . . .	.75	4.50	4.00
Checkerberry . . . . .	1.25	8.00	7.50
Cinnamon . . . . .	1.25	8.00	7.50
Bitter Almonds . . . . .	1.25	8.00	7.50
Pineapple . . . . .	1.25	6.00	5.00
Banana . . . . .	1.25	7.00	6.00
Pear . . . . .	1.25	8.00	7.50
Vanilla . . . . .	2.00	12.00	10.00
Rose . . . . .	2.00	15.00	14.00
Fruit Color . . . . .	1.50	10.00	9.50
Sarsaparilla Color . . . . .	.50	3.25	3.00
Sugar Coloring (Caramel) . . . . .	.50	1.25	1.15

These extracts are highly concentrated, and are specially prepared for soda-water syrups. For such use, a more positive flavor is required than is found in extracts usually sold, which are totally unfit for this purpose.

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## JAMES W. TUFTS' DESCRIPTIVE CATALOGUE.

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### SILVER-PLATING.

My facilities in this line are superior to those of any other establishment in the country, and in prices and workmanship I defy competition. I have prepared a price-list for replacing apparatus-work which I shall be pleased to furnish upon application.

Owing to the constant wear to which this kind of work is subjected, the so-called triple plate of the ordinary silver-platers, which is the heaviest known to the trade, is entirely inadequate. My plate is several times heavier than such deposit. I shall be pleased to quote prices for plating of every description, and guarantee lower prices with better work than any other establishment.

### RELINING COPPER FOUNTAINS.

My peculiar facilities in this line enable me to do work of this kind to the best advantage and with the utmost despatch. By my cold-chill process, a much heavier lining of block-tin is put on than is possible in any other way.

**Price for relining, \$5.50, freight added. No charge for extra solder.**

To ascertain if a fountain needs relining, empty it of carbonic-acid gas by *tipping it upside down*, then wash out thoroughly, lower a lighted candle into the fountain by a wire, and it can be readily seen whether the lining is worn off, or not. A fountain well lined, and properly taken care of, will last for soda-water about five years.

**IMPORTANT.** This work should never be intrusted to other hands than those of a regular manufacturer of soda-water apparatus. Coppersmiths used to other kinds of work cannot appreciate nor understand the great strength required in a soda-water fountain, which is at times subjected to a higher pressure than is required, even in a steam-engine boiler.

As a fountain has to be taken apart for repairs and relining, it would be extremely hazardous to rely upon its being safely put together by a coppersmith who is not also a regular manufacturer of soda-water apparatus.

### CAUTION.

While I claim for my generators and fountains superiority over all others, I do not claim to be the only manufacturer whose goods are safe to use. I do assert, however, that none but the regular manufacturers of soda-water apparatus are capable of making generators or fountains. Last year my production in this line was limited below the demand, simply because competent mechanics for this work could not be found; although good coppersmiths were plentiful enough.

Both generators and fountains are subjected to a far greater pressure than is required of a steam-engine boiler. With the requirements of such apparatus so well known, it seems incredible that this caution should be necessary; but I have had sent to my factory for repairs, both generators and fountains of unknown makers so poorly made, and of such thin material, that the wonder is that they would stand a single charge without explosion. An ordinary coppersmith is incapable of understanding what is required of generators and fountains, and the product of such manufacturers is dear at any price.

### TERMS.

While prices are arranged upon a strictly cash basis, from which there can be no discount whatever, I shall offer such cash prices to those who wish to pay in monthly instalments, and who can furnish satisfactory business references. While no advance is asked for time-payments, interest must in all cases be exacted so as to make such payments equivalent to cash. On all time-payments, my form of contract-notes (of which sample will be sent upon application) or chattel mortgage is required.

## CORRESPONDENCE.

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NATIONAL RETAIL DRUGGISTS' ASSOCIATION,  
LYNN, MASS., Oct. 7, 1884.

J. W. TUFTS, Esq., Boston, Mass.—Yours of Oct. 1 received, inquiring as to how I like the MAGNOLIA purchased of you in March last, and how it compared with other fountains owned by me in the past. While perhaps one season is not sufficiently long to test fully the durability of plating, and freedom from leakage, yet I have no hesitation in saying, that so far I am highly pleased with it in all respects. I have had no trouble from the first hour of starting it until the present time. Every thing has worked admirably. My last apparatus, I thought I was fairly well satisfied with, except whenever I attempted to put it together, after taking apart twice a year to thoroughly cleanse, when I used to do some vigorous thinking, with an occasional thought expressed in words. I only concluded to change because it was not of sufficient capacity to supply my demands when most needed. I can only express my regrets that I had not made a change sooner. I can draw twice as much in a given time as with my old one, and with far less work, and less injury to clothing. Although a cool season, yet for the six months my sales have averaged as large as during the same time last year. I certainly think your method of refrigeration by the new cup-cooler a great improvement. I never used a fountain where I could draw a cold glass of soda so soon after icing up, fifteen minutes being amply sufficient. My ice-bill will be at least twenty-five per cent less than usual, my average being about fifty pounds per day; during hot weather some days using seventy-five pounds, and on perhaps ten of the hottest days I have used a hundred pounds,—this for a period of fifteen to sixteen hours per day. So far as observed, all have expressed themselves satisfied with the coldness of the soda drawn. The only complaint I have heard is an occasional one from ladies, that the soda is too "sharp;" i.e., that the gas is prevented from escaping by your patent draught-tube, thereby causing a sense, as they express it, of "sharpness" to those accustomed to drinking carbonated waters that are lightly charged, or where the gas has been allowed to escape as fast as drawn. I need not say, that to the majority this is a recommendation rather than cause for complaint. Again stating that I am well pleased with the apparatus,

I am yours,

J. W. COLCORD.

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MINNEAPOLIS, MINN., Oct. 14.

JAMES W. TUFTS, Esq., *Dear Sir*.—The mammoth wall apparatus, MINNEAPOLITAN, which you designed and built for us last winter, although completed late in the season, has proved a great success: it arrived from Boston in good condition, which reflected great credit to the packers, as it weighed some ten thousand pounds. It was placed in position by Mr. John Brown of your factory, and has been

the admiration of thousands who have seen and drank from it this season. The usual expression has been, "Is it not magnificent?" and we ourselves believe it is the handsomest apparatus on earth. Every thing thus far has worked to our entire satisfaction. We would speak in the highest terms of your draught-tube, which we believe to be the best in use. We have run ours hard all summer, and they have not given out once. We have previously used four different styles of your apparatus, and will say that we prefer them to those of any other manufacturer.

Respectfully yours,  
WEBSTER & CHURCHILL.

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NEW ORLEANS, Oct. 31, 1884.

JAMES W. TUFTS, Esq., Boston, Mass., *Dear Sir*.—I embrace the first opportunity I have of writing to express my entire satisfaction with the apparatus recently put up by you.

When my business was begun, in March last, I secured one of your ADVANCE fountains, but afterwards became impressed with the fact that it was not equal to the demands of my business. Through an opportune visit of your courteous representative, Mr. George Sturges, I was induced to purchase one of your largest and finest fountains, the PUBLIC, and am happy to say that it is entirely satisfactory. Its thirty-seven syrup-taps and nineteen draught-tubes give me facilities for meeting the demands of the most active business, and enable me to supply all the various mineral-waters now so much in demand. There is no leakage, its cooling-qualities cannot be surpassed, and its elegant appearance is in full accord with the description given in your catalogue. Aside from individual expressions of admiration, it has received the most flattering notices from the local press. Although it cost five thousand dollars, I would not part with it for twice that amount.

I cannot closely estimate the increase of business which followed the introduction of this fountain, owing to the fact that my trade was just building up when it was put in. The cash receipts, however, show fully a hundred per cent increase over the daily run before its introduction.

Finally, let me express my many obligations to you for the truly satisfactory and pleasant nature of our business intercourse, and to say that you have fulfilled to the letter every promise made.

Wishing you the success which the excellence of your apparatus makes justly yours, I am

Yours very truly,

EUGENE MAY.

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DETROIT, Dec. 10, 1884.

Mr. JAMES W. TUFTS,—I am very much pleased to add my testimony in regard of my Arctic, No. 2 CLAREN-

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## CORRESPONDENCE.

leaves a handsome percentage on my investment. In fact, my soda-apparatus is the best-paying thing I have in the store.

Yours, etc.,

F. A. DOLE.

ZANESVILLE, O., Oct. 28, 1883.

Mr. J. W. TUFTS, *Dear Sir*,—In reply to your agent's request for a statement from me as to whether soda-water paid, I would say that my soda-account has always been kept entirely separate from other business. I have even gone so far as to deposit money received for sales of same in bank under a different name, and all were bills paid from this account. Last year was the coldest summer for the last fifteen years. During the season my outlay for material was a little over \$200: my receipts were about \$1,000. In 1882 my receipts were \$1,275, and in 1881 \$1,300. The apparatus used is the WESTERN. I have had an experience of twenty-one years in soda-apparatus, and in that length of time have bought ten apparatus; and eight out of the ten were yours.

I think they are the best in every respect made.

Yours,

F. P. BAILEY.

HENDERSON, N.C., Oct. 8, 1884.

Mr. JAMES W. TUFTS, *Dear Sir*,—Yours to hand, making inquiry as to the MAGNOLIA soda-apparatus I bought from you last April. I will say in reply, it has given entire satisfaction, and especially as to its cooling-properties and the simplicity and rapidity of operation, and the large amount of space allowed by your new patent cell-coolers. I consider it a great improvement over old style, and great economy of ice saved thereby. During the warmest days last summer, I never found it necessary to use over sixty pounds of ice to keep waters cold. As to the design, workmanship, and material used, it was far beyond my expectation, and I can certainly compliment you on the artistic beauty and combination of marble, engraving, and silver-plating, used in its structure, which is first class in every respect. Your fountains are A No. 1. I have used mine this entire season without a moment's trouble, and can't see they are the least damaged. I can sincerely recommend your apparatus to those who contemplate buying, as one, in my opinion, not excelled as to strength, beauty, and material used, by any on the market.

I am, respectfully,

E. L. SMITH.

CARROLLTON, Mo., Oct. 13, 1884.

Mr. JAMES W. TUFTS, Boston, Mass., *Dear Sir*,—On account of business we have neglected your letter. We are much pleased with our new MASCOT. Our first experience was with one of —'s six-syrup apparatus; would sell about two hundred and fifty dollars a season; then we got the CYPRUS, and the first season sold nine hundred dollars, increasing in sales every year. Undoubtedly, we think Tufts' is the best there is, the leader of all others. We have never figured how much profit we realized.

Yours truly,

HOSSICK & SONS.

PIERRE, D. T., Oct. 6, 1884.

Mr. J. W. TUFTS, Boston, Mass., *Dear Sir*,—Your favor to hand. Will say in reply, that I am well pleased with your RIVAL fountain, and the Sterling Generator is all

it is recommended to be. Both fountain and generator have given entire satisfaction.

I will simply give one "pointer." There are several other fountains in the city of different manufacture: they have all charged *five* cents a glass, while I have had no trouble in commanding the better portion of the trade at *ten* cents a glass.

Trusting this will prove of some benefit to your trade,

I am truly yours,

E. S. SIGGINS.

PATCHOGUE, L.I., N.Y., July 1, 1884.

Mr. JAMES W. TUFTS, *Dear Sir*,—I am pleased to state that the MANITOBA, bought of you on May 9, 1884, has proved to be A No. 1. It has given great satisfaction. The design is handsome and very attractive. Having had experience with other makes of soda-apparatus, I do not hesitate to say that yours is superior in these respects; viz., the substantial manner in which the apparatus is put together, its fine finish, the excellence of the silver-plating, the beauty of its proportions, coldness of beverages, economy of ice, purity of water and syrups (drawn through pure block-tin), convenience of working, and neatness in operation. I consider your new draught-tube a great improvement over the old style: it is very simple and practical, allowing no leakage whatever. My customers also speak of the MANITOBA in the highest terms; have had many compliments on drawing the best soda in town. I consider it the best investment I ever made: my general business increased twenty-five per cent.

Having seen the different bands of workmen at labor in your factory, I am free to say that every thing shipped by you will be first class, and just as represented, to the fullest extent.

Very respectfully yours,

D. J. RUNYON.

EAST PALESTINE, O., Nov. 11, 1884.

J. W. TUFTS, Boston, Mass., *Dear Sir*,—The RIVAL apparatus, purchased from you this season, has given the very best of satisfaction; am highly pleased with the design and finish, and think it a splendid piece of workmanship. During the season I received many compliments on my fountain and the delicious drinks served. I consider your patent draught-tube almost indispensable in drawing a nice drink, and would not do without mine under any circumstances. Your patent cell-coolers are very economical in the use of ice; and I freely recommend your apparatus to those contemplating buying, as being in every respect a first-class article.

Yours truly,

L. D. OVERLANDER.

POTSDAM, N.Y., Oct. 13, 1884.

Mr. JAMES W. TUFTS, *Dear Sir*,—In reply to your letter of Sept. 29, asking how we like the apparatus, the BRUNSWICK, purchased of you last spring, we can sincerely say that we are highly pleased with it in every particular. We do not see how an apparatus could work better; as we have had no accidents, not a drop of leakage, and it is very rapid in operation. We believe there is no draught-tube made that compares in appearance, ease and rapidity of operation, with your patent draught-tube. All material in the apparatus seems to be of the very best quality, and the beverages drawn by us this season have been praised by all.

## CORRESPONDENCE.

The quantity of ice used has been small for the amount of water drawn, and the syrups are kept colder than in any other apparatus we are acquainted with.

Our Mr. Hazelton has had experience with — and apparatus, and gives a decided preference to yours.

Very respectfully yours,

WILLMARTH & HAZELTON.

CARROLL, Io., Oct. 10, 1884.

JAMES W. TUFTS, Boston, Mass., *Dear Sir*, — It is with pleasure that we add our testimony to the value and worth of your fountains and apparatus.

Last spring we bought the REAPER apparatus from your agent, and are very much pleased with it. We cannot say too much in its favor. Our indorsement cannot be made too strong.

Yours truly,

KRIEBS BROS.

MECHANICSBURG, PENN., Oct. 18, 1884.

MR. J. W. TUFTS, Boston, Mass., *Dear Sir*, — To say I am pleased with the Arctic soda-apparatus is putting it mildly indeed. The CYPRUS I bought of you last April has given entire satisfaction in every respect.

The design, finish, and general make-up of my apparatus are perfect; the marble is polished beautifully; and, thus far, the silver-plating has worn well.

The new patent draught-tube answers its purpose admirably, is handsome, and very easily worked, and, while it looks very complex, is simple, and never gets out of order, which is quite an object to consider in a draught-tube.

The best thing about the Arctic is the internal arrangement. Cold soda and sweet syrups are indispensables; and, to those who use the cup-coolers and syrup-cans as found in your apparatus, these are guaranteed.

In short, your apparatus is the first-class article in every respect, and comes more nearly being perfect throughout than any other I have ever seen.

Very truly yours,

J. H. BOYER.

HICKMAN, KY., Oct. 15, 1884.

JAMES W. TUFTS, Boston, Mass., — Our profit on soda-water more than paid for our STANDARD fountain, etc.

Respectfully,

T. P. FORTUNE & CO.

ROCHESTER, N.Y., Oct. 8, 1884.

JAMES W. TUFTS, *Dear Sir*, — Last May I bought of your agent the MANITOBA soda-apparatus, making, in all, four apparatus purchased of you in the last ten years; and having disposed of my business each time, and realized as much as I paid for apparatus, I take pleasure in recommending your apparatus to all desiring to draw good cold soda. As for design, workmanship, and cooling-qualities, it is unexcelled, in my opinion. This last apparatus, the MANITOBA, has given the best satisfaction of any. I have drawn more soda and mineral waters this summer than ever before. My soda is cold, and syrups always sweet; and people drinking often exclaim, "How cold it is!" or, "Just splendid!" or, "How refreshing! we now know where to come to get a good cold glass of soda." The apparatus itself attracts general attention; and, although not the largest in

the city, many say it is the finest they have ever seen. As for myself, I think it perfect. The new draught-tube excels all others. It is so simple, that a child of seven years can draw from it. I have no leakage of any kind. My ice-bill is a very small item. I shall never regret buying the MANITOBA. You can publish this if it will be of any advantage to you.

Yours very respectfully,

S. W. SMALLEY,  
142 East Avenue.

FREEPOR, ILL., Oct. 7, 1884.

JAMES W. TUFTS, *Dear Sir*, — The TEMPLAR wall-apparatus we bought of you last spring has given most excellent satisfaction.

We do not think your apparatus can be surpassed for neatness in design or superior workmanship, and assert that your new draught-tube is simply *perfection*. This draught-tube alone should be ample inducement for soda-water dispensers to purchase an Arctic apparatus.

The coolers, syrup-cans, block-tin linings, fountains, and generator, we found to be all that could be desired in such apparatus, far surpassing any similar appliances made.

Yours very truly,

W. M. JUNGKUNZ & CO.

COLUMBUS, KAN., Oct. 4, 1884.

JAMES W. TUFTS, Boston, Mass., *Dear Sir*, — Having purchased of you last June one of your soda-fountains, — design of counter-apparatus, called the RIVAL, — I can cheerfully bear testimony to its many points of excellence.

Especially worthy of notice, I would mention the superior quality of material and workmanship throughout, the beauty of design, simplicity of construction, and ease of operation.

For economy of ice, freedom from leakage, refrigeration of syrups and soda-water, strength, and safety from bursting, your apparatus is far ahead of all others; and, further, in a financial way, one of your soda-fountains properly managed is a big success.

My soda-water sales have averaged for the season thus far eight dollars per day; and there are two other fountains in town, with a population of three thousand. All in all, I am highly pleased with my purchase, and would say to any one contemplating the purchase of a soda-water apparatus, "Be sure and buy the ARCTIC."

Respectfully yours,

F. W. THOMAS.

NEWTON LOWER FALLS, MASS., Oct. 13, 1884.

JAMES W. TUFTS, *Dear Sir*, — I cannot say too much good of the CYPRUS. My sales are more than double last year, for all it has been a very cold season. The new draught-tube is *perfect*.

Yours,

F. W. FREEMAN.

ST. PAUL, MINN., Oct. 3, 1884.

JAMES W. TUFTS, Boston, Mass., *Dear Sir*, — Your letter of Sept. 29, 1884, received. Contents noted. In reply, will state that the CRUSADER apparatus purchased of you last season has given unbounded satisfaction. The design is beautiful, and the workmanship superb. It is a very

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NEWARK, O., Oct. 22, 1884.

JAMES W. TUFTS, Esq., *Dear Sir*.—In reply to yours of Sept. 29, would say, regarding your soda-apparatus, the RIVAL, we could not have been better suited. Did an excellent business all summer.

Yours very respectfully,

ROSEBRAUGH BROS.

BLACKSHEAR, Ga., Oct. 10, 1884.

MR. JAMES W. TUFTS, Boston, Mass., *Dear Sir*.—If you remember, we purchased of you (through your agent Mr. D. T. Lee) the beautiful Arctic soda-water apparatus, the EPOCH. The word epoch means a remarkable period of time. The EPOCH apparatus is, we are more than pleased to say, a remarkable apparatus. The beautiful design, which every one so much admires; the material and workmanship; the superior quality of silver-plating; the construction, which is simplicity itself; the ease, convenience, and rapidity of operation of your patent draught-tube; the thorough lining with block-tin of draught-tube, syrup-gate, and connections; the large amount of surface exposed to the action of ice by your patent cell-cooler; the freedom from leakage, and great saving of ice, and the coldness of the water drawn from it,—are remarkable features which place your apparatus, and especially the EPOCH, ahead of *all others*. Though late in the season in getting the EPOCH, as well as another apparatus of your manufacture, in operation, we can say that our sales have come up fully to, if not exceeding, our expectations.

While a great deal depends on the care and painstaking efforts of the manipulator to attain to neatness, we attribute a large percentage of our success in the soda-water trade to the superior apparatus which you supply. With best wishes we remain,

Yours truly,

J. P. HUGHES & BRO.

BELLE PLAINE, Io., Oct. 20, 1884.

MR. JAMES W. TUFTS, Boston, Mass., *Dear Sir*.—We wish to say that we are very much pleased with our COTTAGE apparatus bought of you last May. We think the design very neat, and like it very much, especially the draught-tube; the lever working easily and rapidly, and drawing a light or solid drink in a very short time. We have received many compliments on our choice. It has attracted many people to our store, and has undoubtedly increased our trade. Your coolers are so arranged, that, with the use of even a small quantity of ice, it is impossible to draw any thing but an ice-cold drink, even though you draw continually. Our sales have been larger than we anticipated, and the cost of the soda less. We expected it to cost about two cents per glass. We have done our own generating, using your generator made in 1871, and find, excepting labor, that each glass costs not to exceed 17-16 c., allowing 1½ oz. of syrup per glass.

We have averaged to use less than twenty-five (25) pounds of ice per day.

We have never used any other apparatus, but think there can be none better than the Arctic. We cannot see where you can improve it, but presume you will.

We wish you success.

Very truly yours,

WORLEY & GREGG.

BELLE PLAINE, KAN., Oct. 6, 1884.

JAMES W. TUFTS, Esq., Boston, Mass., *Dear Sir*.—Having purchased one of your excellent Arctic soda-water apparatus (the POLAR WAVE) last April, I take this liberty in adding my testimony in its behalf.

Not undeservingly does the manufacturer get great praise for the manner in which he has perfected his soda-apparatus. The beauty of design, excellence of material and workmanship, superior quality of silver-plating, the simplicity of construction, the great ease and rapidity of operation, go to make the apparatus as near perfection as would seem for man to reach.

I am more than pleased with its many admirers daily calling for the cool, pleasant, and healthful beverage produced by the celebrated Arctic soda-water apparatus.

Very truly,

J. D. JUSTICE, M.D.  
(Successor to Justice & Butler).

INDIANAPOLIS, Oct. 14, 1884.

MR. J. W. TUFTS, Boston, Mass., *Dear Sir*.—In regard to your request of Oct. 1, concerning a statement of the good qualities of our soda-apparatus (the RIVAL), we can hereby state that it gives complete satisfaction, as well in beauty and material as simplicity and ease in operating. Since the apparatus has been in use, our sale has increased more than a hundred per cent over the sale with former apparatus. We especially wish to mention our preference of the glass syrup-cans to others, especially tin cans, the syrups keeping better and cleaner with less trouble; further, the economy in the use of ice by the use of your patent cell-cooler, thus serving the water ice cold.

Respectfully,

WARMELING BROS.

WELLS BRIDGE, N.Y., Oct. 9, 1884.

JAMES W. TUFTS, *Dear Sir*.—When I first exchanged apparatuses last spring for the EPOCH, I was sick of my bargain; but, after running the new one a while, I would not have traded back under any consideration. It is attractive in appearance, and the workmanship is perfect, and not the least particle of leakage. The water is always ice cold; and, by using your patent cell-cooler, it requires only about one-half the amount of ice. My sales have been doubled since using the new apparatus, with a reduction of about one-third in the cost of the soda. It is a pleasure for me to recommend this apparatus to any and every one.

D. O. PALMER.

ELKHART, IND., Oct. 10, 1884.

JAMES W. TUFTS, Boston, *Dear Sir*.—The apparatus (IMPERIAL) purchased of you this season has given entire satisfaction. Its simplicity of operation, coldness of beverages, and economy in use of ice, cannot be equalled. The draught-tube is all you claim of it. I would recommend the Arctic in every particular.

Yours, etc.,

J. A. BAKER.

PROVIDENCE, R.I., Oct. 10, 1884.

MR. JAMES W. TUFTS, *Dear Sir*.—The soda-apparatus, the RIVAL, I bought last April from you, gives perfect satisfaction. The design is beautiful, the workmanship is excel-

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lent; and the arrangement for cooling the soda is the best I ever saw, although I had one of your apparatus that I used nine years. The silver-plating on that one wore well. I can find no fault whatever with the Arctic.

Yours respectfully,

W. W. HANDY.

RICHMOND, VA., Oct. 29, 1884.

JAMES W. TUFTS, Esq., Boston, Mass.—The soda-apparatus (IMPERIAL) I bought of you last spring has given entire satisfaction. I find every thing as you recommended. The workmanship is the best: the marble is in perfect order. The syrup-cans and coolers are made of block-tin; and your patent draught-tube I admire for its appearance, and its simplicity of operation. With my new apparatus, although a cool soda-season, my sales have increased seventy-five per cent. I am exceedingly pleased with the apparatus.

Yours respectfully,

PAULINE GERSDORF.

PROVO CITY, UTAH, Oct. 5, 1884.

JAMES W. TUFTS, Boston, *Dear Sir*.—The ALASKA SPRAY soda-fountain, with patent draught-tube, bought of you last season, I can truly say that I am fully satisfied with. The advantages of the new patent draught-tube cannot be too highly spoken of, while the economical ice-arrangement is very desirable. It is easily operated. My customers say the soda is too cold. It is all that could be desired as regards simplicity in construction, and beauty of design. I do not lose any syrups, and the faucets work excellently. I would recommend the Arctic fountains in every particular.

Very respectfully,

R. S. HINES.

WESTMINSTER, MD., Oct 3, 1884.

JAMES W. TUFTS, Esq., Boston, Mass., *Dear Sir*.—I beg leave to submit my views concerning the soda-fountain (STANDARD) purchased from you last spring. There are three fountains—as the apparatus is commonly called—in Westminster. It affords me pleasure to state that mine is pronounced decidedly the handsomest, though one of them cost very much more money. There is an absence of complication, which renders it, besides, a convenient apparatus, requiring but little trouble to keep it in order, and extremely simple in its draught. During very warm weather—90°—it consumed about thirty pounds of ice, which lasted from nine A.M. to nine P.M.

I am well satisfied that the syrup-cans and pipes of your apparatus are free from the objections commonly had against many others. The syrup keeps well: in fact, my soda from the beginning has been pronounced the equal of the best found in our large cities.

The amount of surface-exposure to ice—having reference to soda-coolers as well as syrup-tanks—produces a degree of coldness sufficient for the most fastidious within five minutes after placing ice in box.

In connection with the purity of syrup of soda when your apparatus is used,—the Arctic,—permit me to say that I have several times heard persons complain of an unpleasant sensation being produced after drinking soda from other fountains; but they also remarked that it never was the case after using Arctic soda.

We take unusual care with our syrups, using only fruit-juice, except vanilla, orange, etc., of course. We use the very best clarified sugar, and wash our tanks and dispensing-

faucets always before refilling. The result will always be an appreciation of the beverage, notwithstanding the severe criticism soda-water received at the hands of some individuals who have made the mass responsible for the acts of a few.

I trust you will find this a sufficient indorsement of the Arctic apparatus.

Respectfully,

A. H. HUBER.

COLUMBIA CITY, IND., Oct. 7, 1884.

Mr. JAMES W. TUFTS, Boston, Mass., *Dear Sir*.—The new fountain (RIVAL), bought of you last spring, has pleased me beyond my expectation. The beautiful design and fine workmanship have attracted universal admiration. The construction is most simple, durable, and perfect, being easily and rapidly operated. We cannot speak too highly of the cooling-arrangement. With the least possible amount of ice, the water is drawn absolutely ice-cold. The pipes and couplings are so complete, that we are not annoyed by leakage. The patent draught-tube is certainly the finest arrangement for the purpose ever put in a fountain. The perfect system of block-tin lining throughout the entire apparatus is also a very commendable feature when the healthfulness of the beverage is taken into consideration (as I see the health-officers have been called upon to investigate and suppress a great many apparatus where the linings of pipes, etc., were imperfect, and couplings brass, or other equally poisonous metal). The superb manner in which your apparatus is constructed makes it perfectly safe. I have tested mine to a pressure of over two hundred and fifty pounds. There are many other points of excellence that could be mentioned; but, summing up the whole matter, it is undoubtedly the most perfect apparatus in the market.

I have sold over six hundred dollars' worth of soda-water this season, with an outlay not to exceed seventy-five dollars for material: so the machine has more than paid for itself, and is now as good as new. In conclusion, I wish to thank you for the fair and honorable manner in which you have dealt with me.

Respectfully yours,

WM. H. SMITH.

BOZEMAN, MONT., Oct. 6, 1884.

JAMES W. TUFTS, Boston, Mass., *My dear Sir*.—The soda-water apparatus (STANDARD) purchased from you this year has given good satisfaction. Its beauty of finish, elegance of design, and improved method of cooling the beverage, are well calculated to make it the universal favorite with all dealers in carbonated drinks.

Yours respectfully,

GEO. W. MONROE.

YANKTON, DAK., Oct. 27, 1884.

J. W. TUFTS, Boston, *Dear Sir*.—The (CYPRUS) soda-apparatus I purchased from your agent last spring has proved itself all that could be desired. There are some points in which it excels others; i.e., the great saving of ice, the intense coldness of the soda-water, due to the peculiar arrangements of the syrup-cans and coolers. The block-tin syrup-cans are always easily cleansed, and never corrode, but keep the syrup sweet and pure. The syrup-taps are simple, and free from leakage. Your new patent draught-tube is decidedly a great improvement, so simple that a small boy can work it.

Yours truly,

H. W. PIKE.

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PALESTINE, TEX., Dec. 24, 1884.

MR. JAMES TUFTS, Boston, *Dear Sir*,—The Generator D, and the two Bottling-cylinders, No. 3, I bought from you last spring, are the best I have ever used. The acid-valve, safety-valve, clamp-caps, and large bungs, are great improvements, and much better to handle than any other I have used before.

Yours respectfully,  
RICHARD CLARK.

OSHKOSH, WIS., Dec. 5, 1884.

MR. JAMES W. TUFTS, Boston, Mass., *Dear Sir*,—Regarding the Style C copper bottling-apparatus bought of you, I find your acid and safety valves work like a charm, and that your large wheels are much better than if they were small, and that your clamps and caps are very handy; and, in fact, every thing works well, and is satisfactory. Your water-pump is very good.

I remain yours,  
A. PFEIL & SON.

NEW LONDON, WIS., Dec. 1, 1884.

MR. JAMES W. TUFTS, Boston, *Dear Sir*,—Yours at hand, and contents noted. In reply, would say that your Style D, bottling-outfit, is the best made, especially the safety-valve and water-gauge pump. The pump itself saves just half the gas. I have used it without the pump, and know just what it will do. It pays for itself in a few months.

Yours truly,  
WM. ZIMMERMAN.

KÖNIGSBORU, —, GERMANY,  
Jan. 19, 1885.

MR. JAMES W. TUFTS, Boston, — Your favor of Nov. 29, 1884, not received till now, owing to our visit to Germany.

In regard to the machinery we are using, we must say that we are well satisfied with the two copper cylinders, large purifiers, equalizing-valve, water-gauges, and double-acting pump, of your manufacture.

Yours truly,  
HEYNSOHN BROS.

GRAND RAPIDS, MICH., Dec. 14, 1884.

MR. JAS. W. TUFTS, Boston, Mass., *Dear Sir*,—We are in receipt of the machine we ordered of you through Mr. O. J. Price, your agent for this State, and must say that we are more than satisfied with its working. We find, that, by using your machines (and we have purchased of you three in as many years), we can make a great saving in sulphuric acid and marble-dust over other machines, which is quite an item in the season's work. The working is much more simple than others, and they are safety itself. I can trust any boy of average intelligence with the machine, and feel perfectly safe. Your safety-valve puts all danger out of the question, and your patent caps are just the thing. Your iron bottling-machine will turn out almost twice as many dozen per day as the old style of bench; and you could not buy them of us for twice what we paid for them, if we could not replace them. I shall need another complete outfit some time this season, and you will hear from us later about them.

Yours respectfully,  
J. B. FOLGER & SONS,  
85 Broadway.

ABERDEEN, D. T., Dec. 6, 1884.

MR. JAMES W. TUFTS, Boston, *Dear Sir*,—In reply to yours of the 1st, we would say that your bottling-apparatus, Style N, No. 200, with double-acting pump, has given perfect satisfaction. The automatic equalizing-valve, we find to be of inestimable value. The economy, simplicity, and ease with which it can be run, recommend it to any one contemplating putting in a bottling-outfit. The injector-pump will pay for itself in a season.

We remain respectfully yours,  
JONES & DAVIES.

GREELEY, CO., Dec. 29, 1884.

MR. JAMES W. TUFTS, *Dear Sir*,—Yours of Nov. 29 to hand, and contents noted. Would have answered sooner, but have been away.

I have used your apparatus, both counter and bottling, and I must express my entire satisfaction with both. They excel all others I have seen, in simplicity, durability, and design.

I am, sir, yours respectfully,  
JOHN I. PEARSON,  
late PEARSON & PEACH.

MERRELL, WIS., Dec. 15, 1884.

MR. J. W. TUFTS, *Sir*,—I have used your bottling-machine, Style D, Generator, with two No. 3 cylinders, copper, this year, it being my first experience in the business, but would say to any person thinking of purchasing a machine for bottling, to buy yours in preference to any I have seen yet. The vitriol-valve is perfect; and the safety-valve is all-important, especially to inexperienced men in the business. It is a safe and durable machine with proper care.

Yours,  
MILSPAUGH & BOYER.

VICTORIA, V.I., B.C., Dec. 17, 1884.

MR. J. W. TUFTS, — The soda-water apparatus, Style H, No. 200 Generator, and two cylinders, purchased by me through your agent, Mr. W. P. Niles, has proved itself a perfect success in every shape. Your acid-valve in generator is quite an improvement on old-style valve that I have used on other machines. Your patent clamp-caps are also an improvement on old-style screw-caps. Your safety-valve is a thing that no soda-apparatus ought to be without, as there is no possibility of an accident occurring with one attached to apparatus. To any one intending purchasing soda-apparatus or attachments, I can safely recommend those manufactured by you as being superior to other manufacturers. I have been in the soda-water business for thirty years, having sold the first soda-water in San Francisco, Puget Sound, and British Columbia, and find your machines ahead of all others I have used. The above is indorsed by my son, who has worked at the business for eighteen years in different places; and we can safely recommend your goods.

I remain, respectfully,  
A. PHILLIPS.  
P. A. PHILLIPS, JUN.

WATERTOWN, N.Y., Dec. 2, 1884.

MR. JAMES W. TUFTS, *Dear Sir*,—I deem it a privilege to say to you that I have been running one of your Style H, No. 200, soda-water apparatus of thirty gallons capacity,

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since last August, and it works to a charm. I have been in the bottling-business twenty-seven years, and have used three other different machines before this, and I never have used any machine that gave so perfect satisfaction as this of yours.

It is not only complete in style and finish, but is strong and durable, working with admirable ease and precision; it having three cleansing-chambers of water for the gas to pass through before being mixed with the water, making our goods, which gives a smoothness and softness to our drinks, that cannot be excelled, avoiding that harsh, biting taste so often found in carbonated goods. The arrangement of your acid-valve and safety-valve cannot be excelled.

We should judge, by our long experience, that you had reached in your manufacture the highest point of excellence, and would recommend any one who thinks of purchasing an outfit for manufacturing carbonated drinks, to call on you before making a purchase elsewhere, and be convinced where his interest lies.

Very respectfully,

D. B. SMITH.

P.S.—I am sorry that I did not have the water-gauges put on my machine.

ROCK, MASS., Dec. 3, 1884.

Mr. JAMES W. TUFTS, *Dear Sir*,—Having received of you in February last one of your bottling-machines, Style N, No. 200, I take pleasure in giving my testimony as to the superior advantages obtained in your machine. Your equalizing valve is so arranged that I can charge fountains at the highest pressure required, and at the same time, by the aid of this valve, bottle at any pressure desired. Your apparatus is so scientifically made, and simply arranged, that but slight experience is required to handle it with safety and economy. In fact, I believe it to be one of the safest, strongest, most economical, and simplest (therefore least liable to get out of order) of any machine I ever used. I would cordially recommend it to the trade, also to those intending to venture in the business of manufacturing carbonated beverages.

Very truly yours,

H. L. CUSHMAN.

NEWARK, O., Dec. 12, 1884.

Mr. JAS. W. TUFTS, Boston, Mass., *Dear Sir*,—Yours of the 29th ult. received. In reply, would say the copper bottling-apparatus, Style D, purchased of you last June, is very satisfactory, especially the vitriol-valve and clamp-caps for fountains, which seem to be new ideas. The latter are a great improvement over the old style of screwing on caps.

Respectfully,

U. LYON.

WIER CITY, KAN., Dec. 3, 1884.

Mr. JAMES W. TUFTS, Boston, Mass., *Dear Sir*,—Your letter received, and contents noted, and will in reply say that I can give you a good testimonial in regard to the apparatus (Style D, copper set) I bought of you.

The acid-valve, I think, is the best and easiest to work of any I ever saw, and it is perfectly reliable in every respect. The safety-valve being in a position entirely out of reach of the marble-dust, always works free, never clogging, always reliable and adjustable, and may be set at any press-

ure desired. The French clamp-caps are very easy to handle; and being put on by hand, without the use of a wrench, I find them a great improvement over the screw-caps. The large bungs are easy to fill with water or soda. The hand-wheels are large, and are worked with ease. I find the pump-attachment a great benefit in saving gas. When the water is low, I can fill in a few moments, pumping against the pressure, retaining all the gas that is left in fountain, thus effecting a great saving of acid and marble-dust. In point of excellence, I think that the Tufts' bottling-apparatus is the most complete of any that is made, and can cheerfully recommend it above all others.

I remain yours respectfully,

J. E. EICHELBERGER,  
*of the firm of the Pittsburg Bottling-Works,*  
*Pittsburg, Kan.*

BERLIN, N.Y., Dec. 8, 1884.

Mr. JAMES W. TUFTS, Boston, Mass., *Dear Sir*,—Yours of Nov. 29 just received, and, in reply, would say the soda-water apparatus, No. 2 Sterling Generator, and No. 2 copper cylinders, I bought of you, has done all you claimed, and exceeded my expectations. I think it superior to any other apparatus manufactured. The acid-valve, safety-valve, clamp-caps, in fact, every part, seems to be perfect, and very easily worked by the inexperienced.

I think it a perfect daisy.

Yours respectfully,

C. J. WILLCOX.

TAYLOR, TEX., Dec. 4, 1884.

JAMES W. TUFTS, *Dear Sir*,—We are glad to say, that, after using one of your bottling-apparatus for one year, it has given us the most satisfactory evidence of being far superior to any that we have any acquaintance with. We are highly pleased with our apparatus, both for dispensing and bottling.

We gladly recommend them to any one wishing bottling-machinery that will give perfect satisfaction.

Very respectfully,

THAMES & WILLIAMS.

GAINSVILLE, FLA., Dec. 6, 1884.

JAS. W. TUFTS, Boston, Mass., *Dear Sir*,—I have used one of your generators with two cylinders for the past nine months; and never having used any other machine but yours, being a novice at the business, I feared trouble at the outset, but found every thing so simple, and your instructions so explicit, that every thing worked as well as I could wish. And any one, no matter how incompetent he may be, can work it with safety; and a further advantage you have, —your safety-valve, which is a guaranty in itself. Your gauge is where it can always be seen, and know exactly what you are doing. Every thing I received from you has given perfect satisfaction in every respect. In workmanship and simplicity in its operations, nothing is complicated, but could be understood by the most inexperienced.

I remain yours truly,

JOHN H. STROUS.

#### TERMS OF PAYMENT.

My system of contract notes allows me to offer the *Lowest Cash Prices* to those who wish to pay in **MONTHLY INSTALMENTS**; such notes, of course, bearing a reasonable interest.

*The prices given in this book are strictly net, and arranged upon a cash basis.*

*Where time for partial payment is given, I require in all cases my own form of contract notes, bearing interest.*

INTEREST IS ALWAYS EXACTED UPON TIME-PAYMENTS.

*No charge for boxing or teaming.*

*Freight at purchaser's expense.*

#### PRICES LOWER THAN THE LOWEST.

I have made prices on these new styles, as well as on all my apparatus, so low as to make competition impossible.

The immense sale of the Arctic enables me to manufacture at a lower cost than is possible for those doing a more limited business, and this advantage I share with my customers; so that, notwithstanding the superiority of the Arctic over all other apparatus, my prices will be found, not only relatively, but really, lower than those of any other manufacturer.

#### ORDERS FOR APPARATUS.

Orders for apparatus, to insure accuracy, should be written on the blank which is attached to this book. The right-hand or left-hand position is indicated by the position of name-plate. If a right-hand apparatus, the plate is on the right when you face the syrup-faucets and draught-tubes: if a left-hand apparatus, the plate is on the left. The Meteor, on p. 186, represents a right-hand apparatus; and the Northern Light, on p. 184, represents a left-hand apparatus.

*Extreme care is taken in the packing of my apparatus, the most substantial cases being used, and every precaution taken to insure safe and satisfactory delivery of the apparatus to the dealer.*

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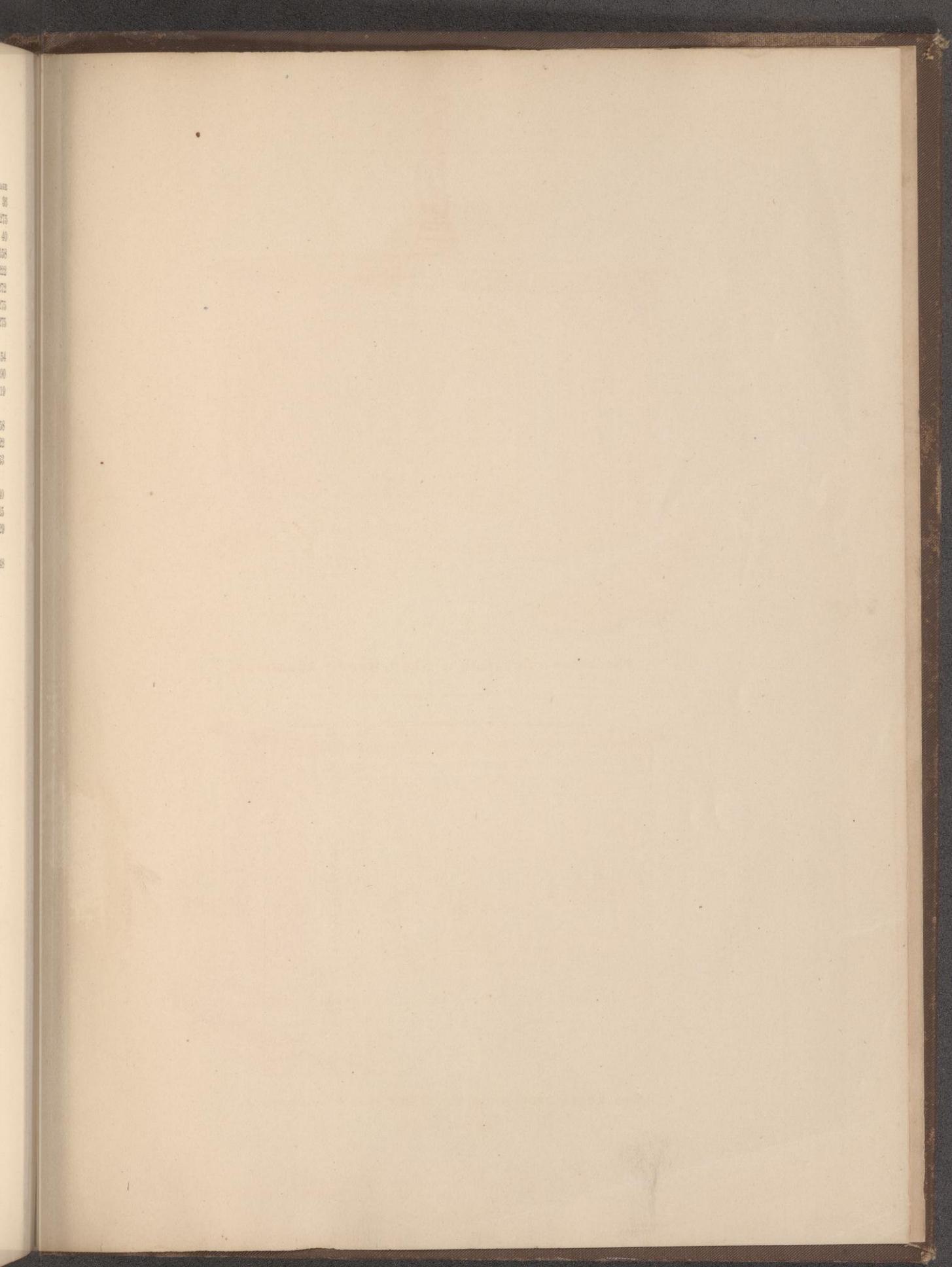
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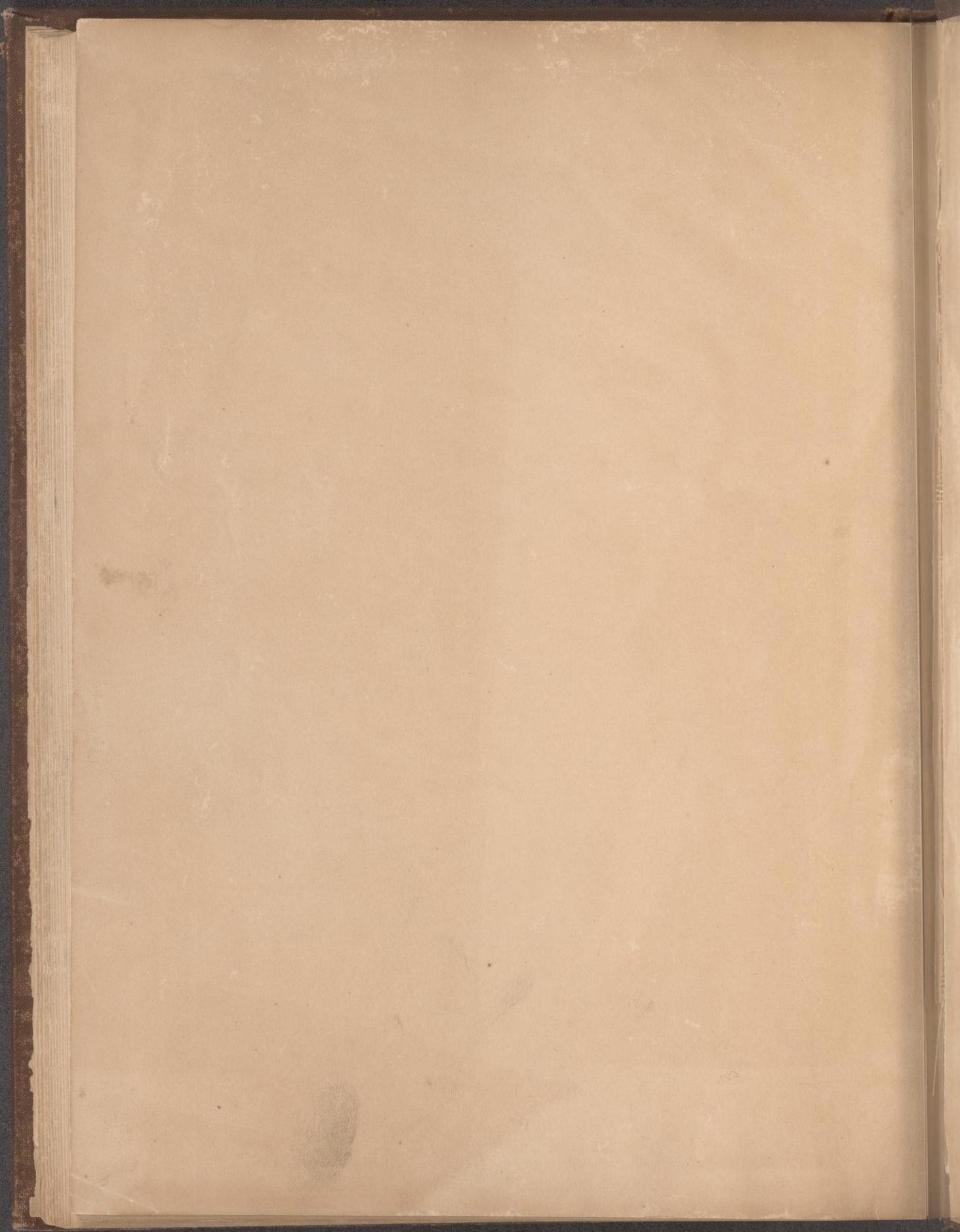
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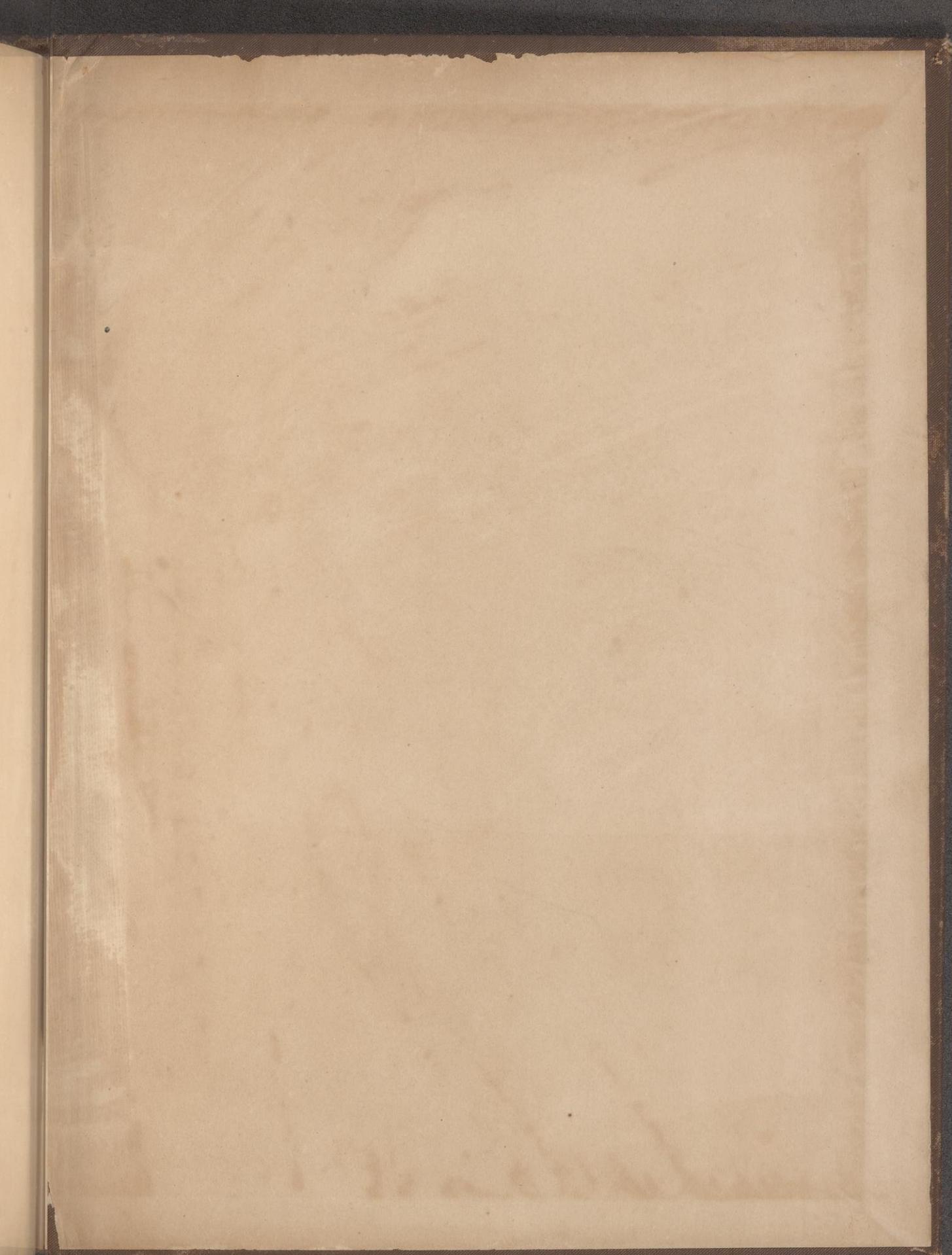
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