

No. 814,415.

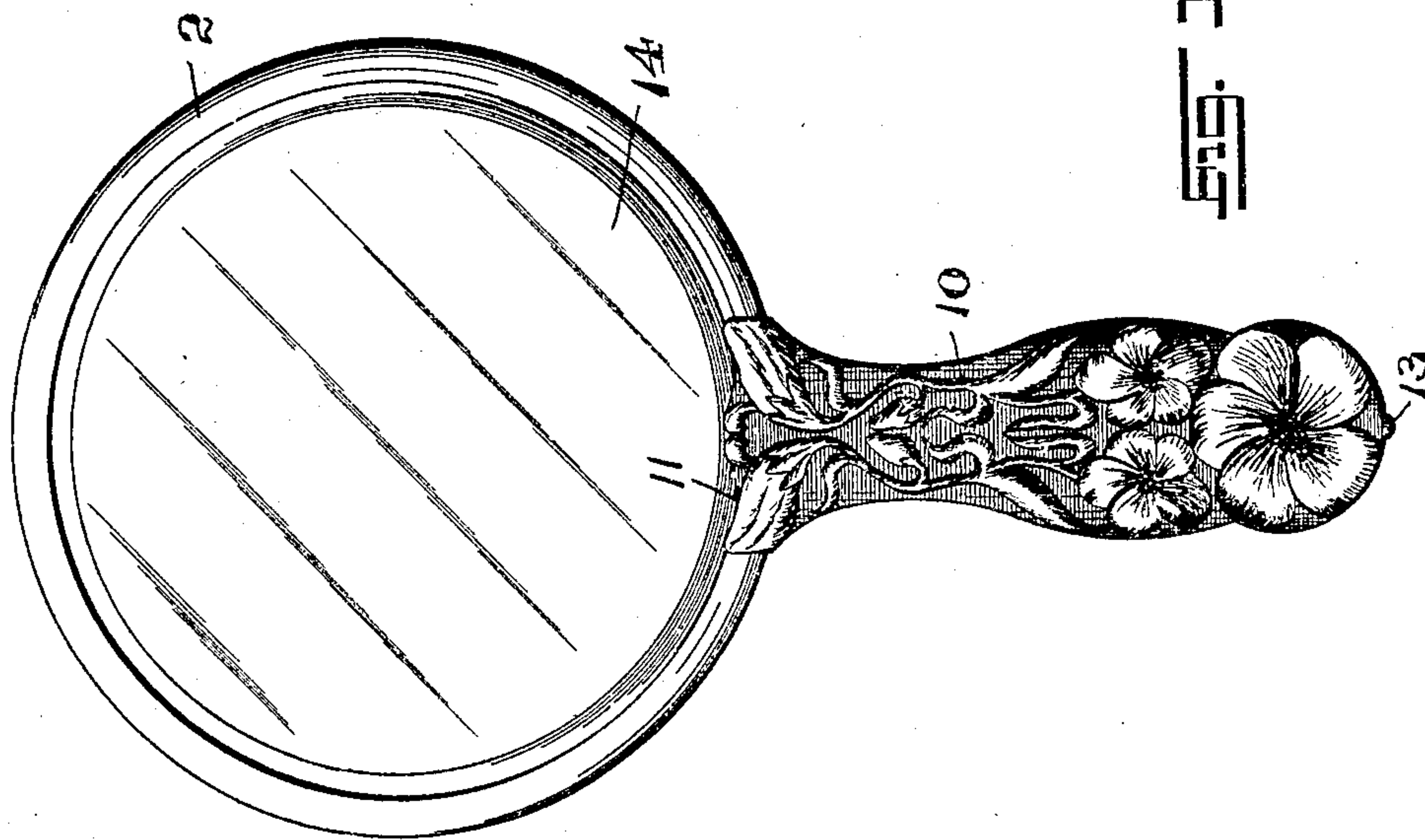
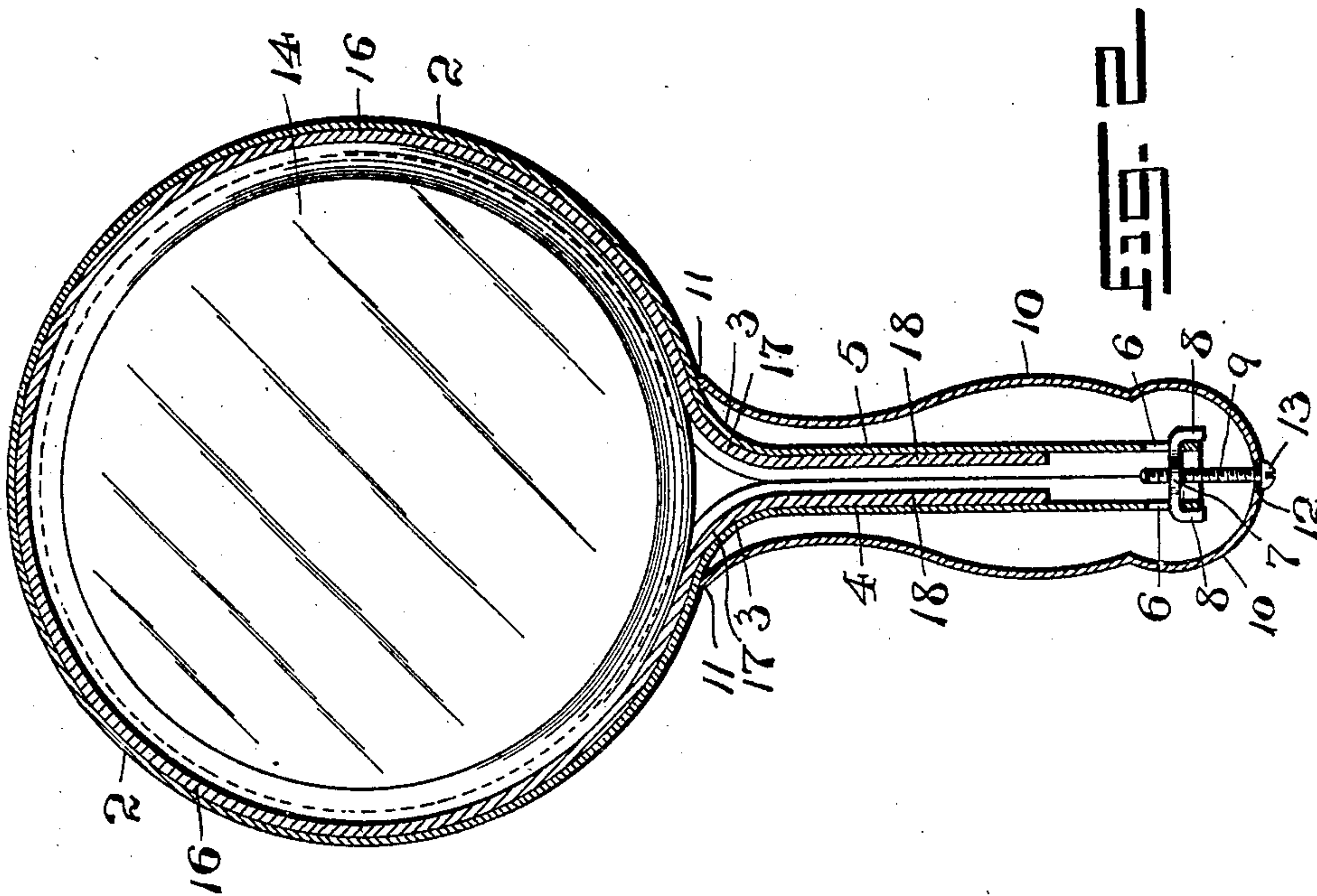
PATENTED MAR. 6, 1906.

L. VAN GALE.

COMBINED FRAME AND HANDLE FOR TOILET ARTICLES, &c.

APPLICATION FILED APR. 22, 1905.

2 SHEETS—SHEET 1.



WITNESSES:

Geo. L. Richards;
Wm. W. W. W. W.

INVENTOR:

Louis Van Gale,
BY
Fred L. Fraentzel,
ATTORNEY

No. 814,415.

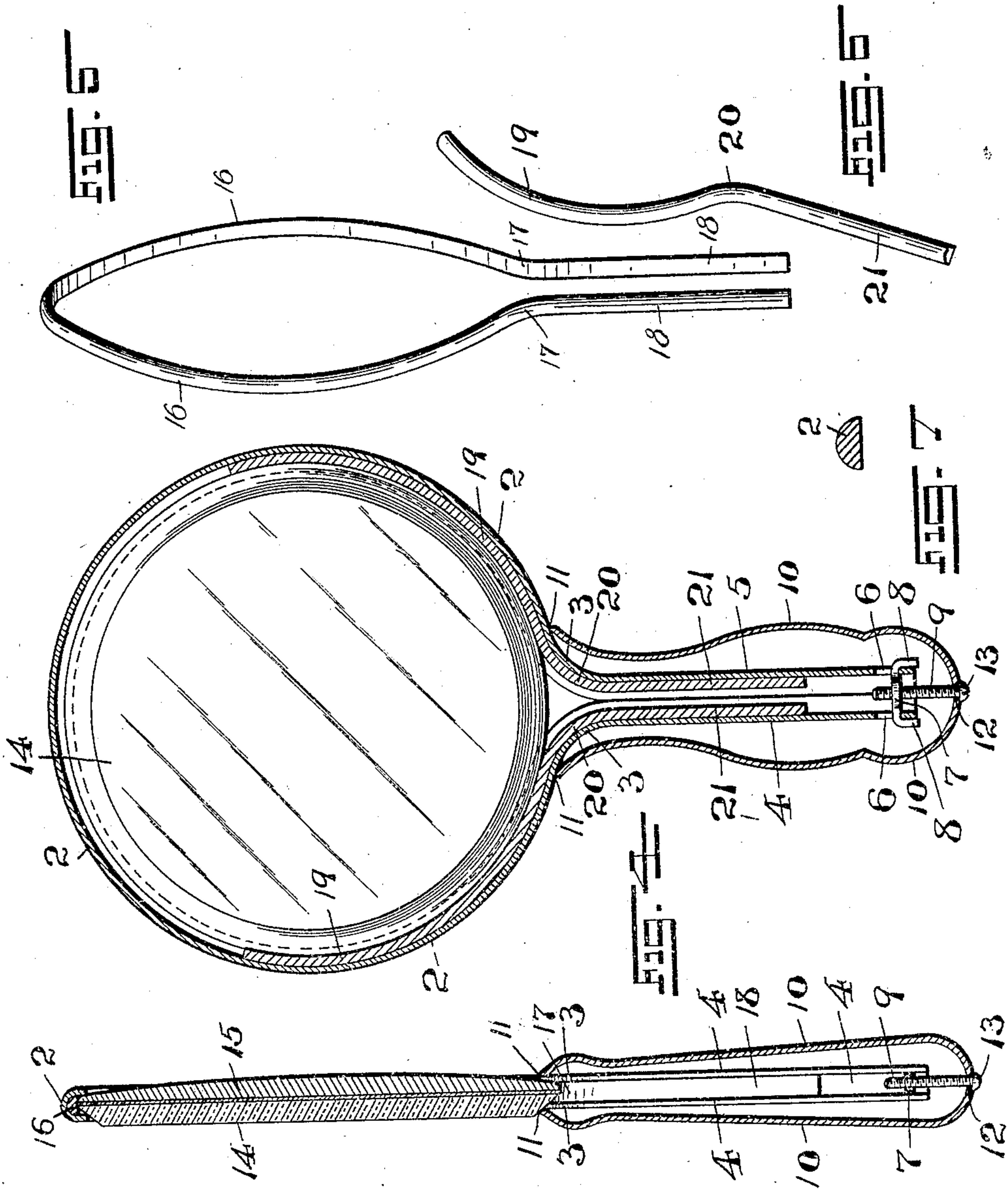
PATENTED MAR. 6, 1906.

L. VAN GALE.

COMBINED FRAME AND HANDLE FOR TOILET ARTICLES, &c.

APPLICATION FILED APR. 22, 1905.

2 SHEETS—SHEET 2.



WITNESSES:

Geo. S. Richards.
Am. Wainfield

INVENTOR:

Louis Van Gale,

BY
Fred E. Fraentzel,
ATTORNEY

UNITED STATES PATENT OFFICE.

LOUIS VAN GALE, OF NEWARK, NEW JERSEY.

COMBINED FRAME AND HANDLE FOR TOILET ARTICLES, &c.

No. 814,415.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed April 22, 1905. Serial No. 256,889.

To all whom it may concern:

Be it known that I, LOUIS VAN GALE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in a Combined Frame and Handle for Toilet Articles, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to numerals of reference marked thereon, which form a part of this specification.

This invention has reference generally to improvements in that class of ornamental frames for toilet articles—such as hand glasses, mirrors, and the like—and for pictures and medallions, which are provided with an extension serving as a handle.

My present invention has for its principal object to produce a neat and simply-constructed frame and handle therefor, comprising several separably-connected parts and a reinforcing means or stiffening device which will greatly strengthen the whole structure, and especially at the point of connection of the hollow handle member with the embracing frame member, which is the weakest point in frames of this class, as ordinarily made.

A further object of this invention is to provide a handle or grip which shall be rigidly connected with the main frame, so as to prevent a loose or shaky connection or support of the usually heavy mirror or glass at the end of the handle.

Other objects of this invention not at this time more particularly mentioned will be clearly evident from the following detailed description of the same.

The invention consists primarily in the novel frame and handle for toilet articles—such as hand glasses, mirrors, brushes, and the like—and for pictures and medallions, provided with an interiorly-disposed reinforcing means or stiffening device, substantially as hereinafter more fully set forth; and, furthermore, this invention consists in the novel arrangements and combinations of the various devices and parts, as well as in the details of the construction of the same, all of which will be hereinafter more fully set forth and then finally embodied in the clauses of

the claim, which are appended to this specification and form an essential part of the same.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 represents a front face view of a hand-mirror provided with a combined frame and handle embodying the principles of my present invention; and Fig. 2 is a longitudinal vertical section of the frame, handle, and reinforcing means or stiffening device with a fastening screw and nut and the looking-glass in the frame, all shown in elevation. Fig. 3 is a transverse section taken centrally across the hand-mirror, said section being taken at right angles to the longitudinal section represented in said Fig. 2. Fig. 4 is a view similar to that represented in Fig. 2, showing the combined frame and handle provided with a reinforcing means or stiffening device of a slightly-modified form of construction. Figs. 5 and 6; are perspective views of the two forms of reinforcing means or stiffening devices employed with the said combined frame and handle, and Fig. 7 is a transverse section of one form of such reinforcing means or stiffening device.

Similar characters of reference are employed in all of the said above-described views to indicate corresponding parts.

Referring now to the several figures of the drawings, the reference character 1 indicates the complete article, the practical embodiment of the invention herein shown being a hand glass or mirror. The combined frame and handle made according to the principles of my present invention comprises a suitably-bent and ring-shaped portion or main body 2, which is bent at two points, as at 3, (see Figs. 2 and 4,) and has a pair of downwardly-extending terminals or end members 4 and 5. The said ring-shaped portion or main body 2 may be suitably ornamented, and the same, as well as the two terminals or end members 4 and 5, preferably are made U shape in cross-section. At or near their lower end portions the said terminals or end members 4 and 5 are made with oppositely-located receiving-openings 6 for the reception of holding members or lugs 8, extending from the opposite edges of a holding yoke or nut 7. The free end portions of the said members or lugs 8 are bent at right angles, or approximately so, against the outer faces of the said terminals or members 4 and 5 to secure the said nut 7 in position; but of course it will be

understood that any other suitable fastening means for the nut may be employed, if desired. A screw 9 is used, said screw having its screw-threaded portion screwed into the screw-hole of the nut 7 for the purposes presently more fully described. A hollow handle 10 of any marginal configuration and surface ornamentation is arranged over the said terminals or end members 4 and 5, with its upper open end 11 arranged against the ring-shaped portion or body 2, at or near the curved portions 3, as shown, the said handle 10 being provided in its lower closed end with a perforation 12 for the reception of the said screw 9 with the head 13 of the said screw arranged against the outer surface of the end of the handle, substantially as illustrated in Figs. 2, 3, and 4 of the drawings.

The inner portions of the main body 2 and its terminals are channeled or made U shape in cross-section, as shown more particularly in Fig. 3 of the drawings, whereby great strength and an outward ornamental finish of the holding portion of the main body 2 is the result, the same providing, furthermore, a suitable holding means which embraces the marginal edges of a looking-glass 14 or the like, and a suitable backing or shell 15, which may be made of metal or any other suitable material and may be suitably ornamented, if desired. The said main body 2 and the terminals or end portions 4 and 5 being usually made from sheet metal, it is desirable to reinforce and strengthen these parts to obtain proper stiffness by a reinforcing means or stiffening device. This device, as will be seen more particularly from an inspection of Fig. 5 of the drawings, is made from a heavier piece of spring metal, usually steel, and is made with a segmental and preferably ring-shaped body 16, formed with the curved part 17 and the straight end members or terminals 18. These are arranged in such a manner that the said segmental or ring-shaped body 16 is fitted in the channeled interior of the body 2 of the frame, the curved parts 17 and straight end members or terminals 18 being similarly fitted in the channeled interiors of the parts 3 and end members 4 and 5, respectively, of the said main body 2, as will be clearly understood from an inspection of the several figures of the drawings. The said body 16, curved parts 17, and end members 18 of the said reinforcing means or stiffening device are preferably of the cross-section represented in Fig. 7 of the drawings; but it will be understood that the said parts may be of any other suitable cross-section.

When the various devices and parts hereinabove described have been assembled in the manner shown, by tightening up the screw 9 all the parts are positively drawn together, and the body 16 and marginal edges of the main body 2 of the frame are caused to firmly clamp the marginal edges of the look-

ing-glass 14 or other body, and the back plate or shell 15, and an effective, neat, and permanent union of the various parts is the result, as will be clearly understood. At the same time the said reinforcing means strengthens the main body 2 and its parts and serves to protect the said body 2 against indentations when carelessly handled. By extending the terminals or end portions 18 and curved parts 17 down into the terminals or end portions 4 and 5 and the curved parts 3 of the frame a very strong and rigid connection is provided at the point of union of the handle with the main body 2 of the frame, thereby doing away with a loose and inefficient joint and preventing all possible motion laterally at this point.

Instead of constructing the reinforcing means or stiffening device in one single piece two curved segmental pieces 19 may be used, each piece 19 having a bent part 20 and a terminal or end piece 21, as clearly illustrated in Figs. 4 and 6 of the drawings. These two segmental pieces 19 and their parts 20 and terminals or end pieces 21 are arranged in the inner channeled portions of the main body 2, curved portions 3 and end members or terminals 4 and 5, respectively, of the main frame, in the manner clearly illustrated in said Fig. 4 of the drawings. The purposes of the two segmental pieces 19 and their parts are the same as that set forth in connection with the construction and arrangements of the parts comprising the hand-mirror illustrated in Figs. 1, 2, and 3 of the drawings, and need not be further described here.

Having thus described my invention, what I claim is—

1. In an article, as a mirror, medallion, or the like, a frame comprising a main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable terminals or end members, means for securing said terminals or end members together, and a reinforcing means or stiffener comprising a segmental body fitted upon the marginal edge of the mirror or the like, and provided with end terminals fitted against the terminals or end members of the frame, substantially as and for the purposes set forth.

2. In an article, as a mirror, medallion, or the like, a frame, comprising a main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable terminals or end members, means for securing said terminals or end members together, and a reinforcing means or stiffener comprising a segmental body fitted upon the marginal edge of the mirror or the like, and provided with end terminals fitted against the terminals or end members of the frame, a hollow handle slipped over said terminals or end members of said main body, and a tightening means between said handle and said terminals or end members,

substantially as and for the purposes set forth.

3. In an article, as a mirror, medallion, or the like, a frame comprising an interiorly-
5 channeled main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable and interiorly-channeled terminals or end members, means for securing said terminals or end mem-
10 bers together, and a reinforcing means or stiffener comprising a segmental body arranged within the interiorly-channeled portions of said main body of the frame and fitted upon the marginal edge of the mirror
15 or the like, and provided with end terminals fitted against the terminals or end members of the frame, substantially as and for the purposes set forth.

4. In an article, as a mirror, medallion, or
20 the like, a frame comprising an interiorly-channeled main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable and interiorly-channeled terminals or end members,
25 means for securing said terminals or end members together, and a reinforcing means or stiffener comprising a segmental body arranged within the interiorly-channeled portions of said main body of the frame and fitted upon
30 the marginal edge of the mirror or the like, and provided with end terminals fitted against the terminals or end members of the frame, a hollow handle slipped over said terminals or end members of said main body, and
35 a tightening means between said handle and said terminals or end members, substantially as and for the purposes set forth.

5. In an article, as a mirror, medallion or the like, a frame comprising a main body
40 adapted to be arranged about the marginal edge of said article, said main body having a pair of separable terminals or end members, said terminals being provided near their lower end portions with oppositely-located
45 receiving-openings, a holding-yoke between said terminals or end members, and retaining-lugs on said yoke extending through the openings in the terminals or end members and bent over against the outer faces of said
50 terminals or end members, substantially as and for the purposes set forth.

6. In an article, as a mirror, medallion or the like, a frame comprising a main body
55 adapted to be arranged about the marginal edge of said article, said main body having a pair of separable terminals or end members, said terminals being provided near their lower end portions with oppositely-located receiving-openings, a holding-yoke between
60 said terminals or end members, and retain-

ing-lugs on said yoke extending through the openings in the terminals or end members and bent over against the outer faces of said terminals or end members, a hollow handle
65 slipped over said terminals or end members of said main body, and a tightening means between said handle and said terminals or end members, substantially as and for the purposes set forth.

7. In an article, as a mirror, medallion, or
70 the like, a frame comprising a main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable terminals or end members, said terminals being provided near their lower
75 end portions with oppositely-located receiving-openings, a holding-yoke between said terminals or end members, retaining-lugs on said yoke extending through the openings in the terminals or end members and bent over
80 against the outer faces of said terminals or end members, said yoke being provided with a screw-threaded hole, a reinforcing means upon said main body and said terminals or end members, a hollow handle slipped over
85 said terminals or end members of said main body, and a tightening-screw connected with said handle and screwed into the screw-threaded hole of said yoke, substantially as and for
90 the purposes set forth.

8. In an article, as a mirror, medallion, or
90 the like, a frame comprising an interiorly-channeled main body adapted to be arranged about the marginal edge of said article, said main body having a pair of separable and interiorly-channeled terminals or end members,
95 said terminals being provided near their lower end portions with oppositely-located receiving-openings, a holding-yoke between said terminals or end members, retaining-lugs on
100 said yoke extending through the openings in the terminals or end members and bent over against the outer faces of said terminals or end members, said yoke being provided with a screw-threaded hole, a reinforcing means
105 arranged within the interiorly-channeled portions of said main body and said terminals or end members, a hollow handle slipped over said terminals or end members of said main
110 body, and a tightening-screw connected with said handle and screwed into the screw-threaded hole of said yoke, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this
115 20th day of April, 1905.

LOUIS VAN GALE.

Witnesses:

FREDK. C. FRAENTZEL,
GEO. D. RICHARDS.