

No. 848,020.

PATENTED MAR. 26, 1907.

S. B. FEUERSTEIN.
FRAME AND HANDLE STRUCTURE.
APPLICATION FILED JUNE 29, 1906.

FIG. 1

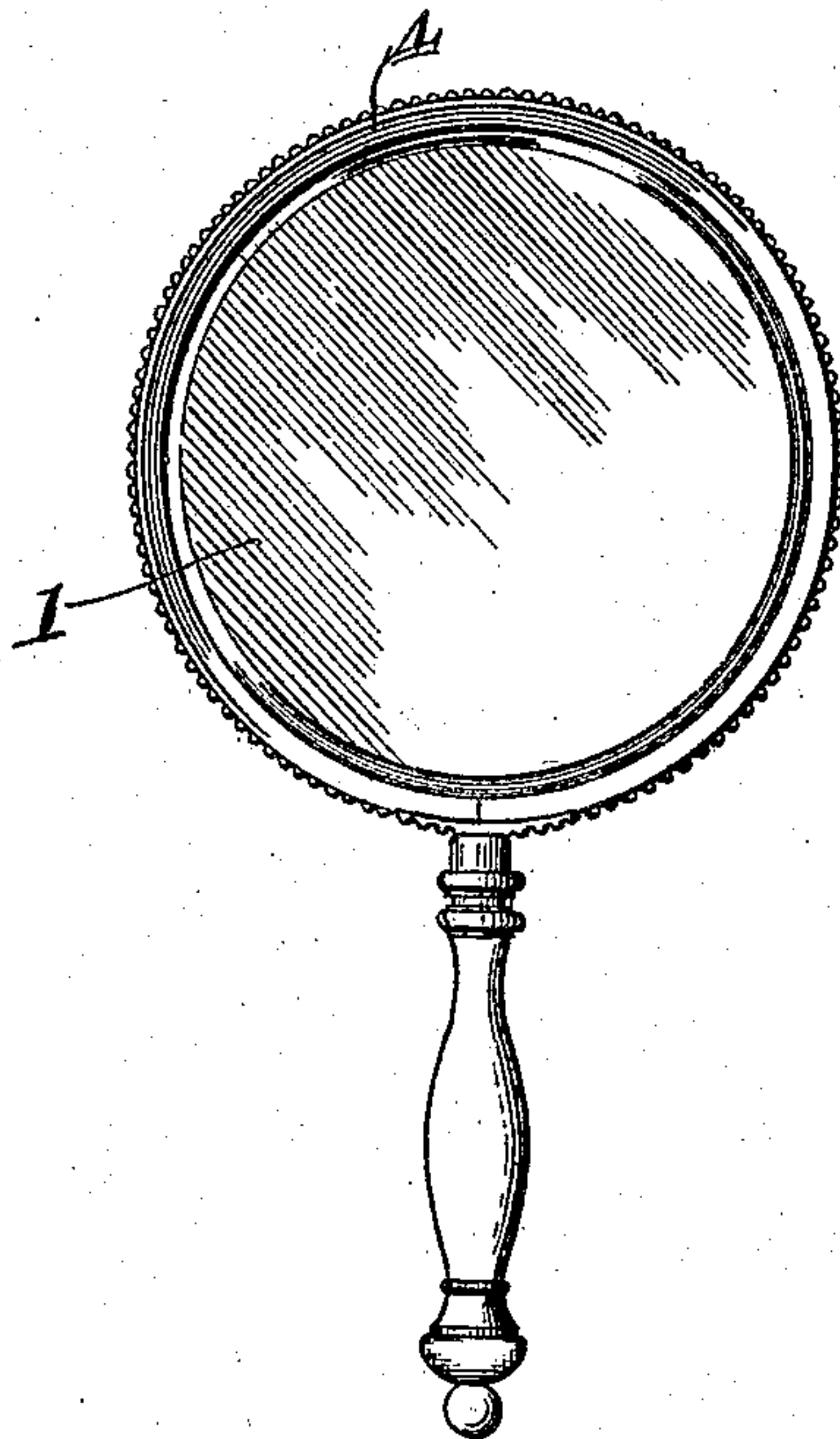


FIG. 2

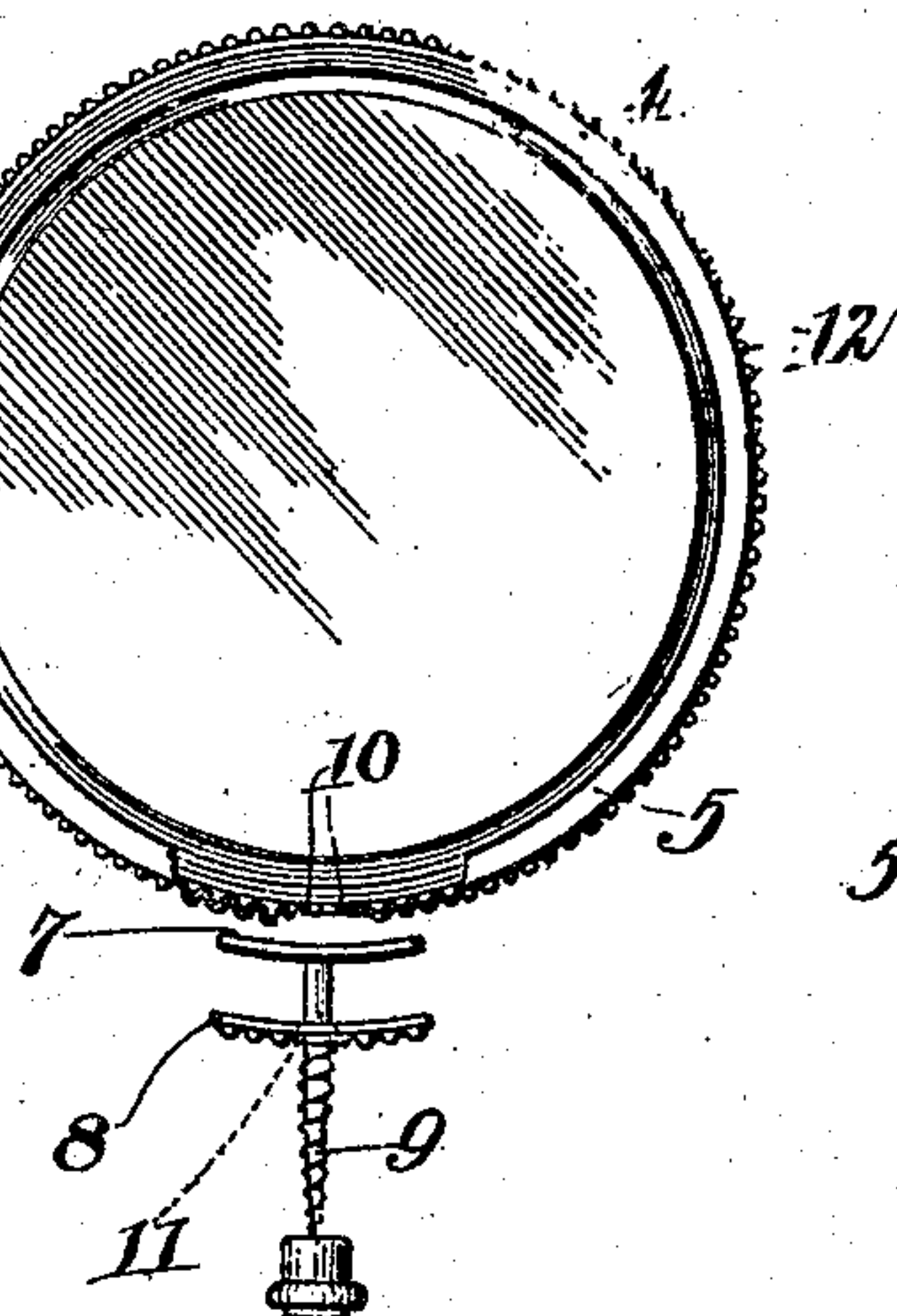


FIG. 3

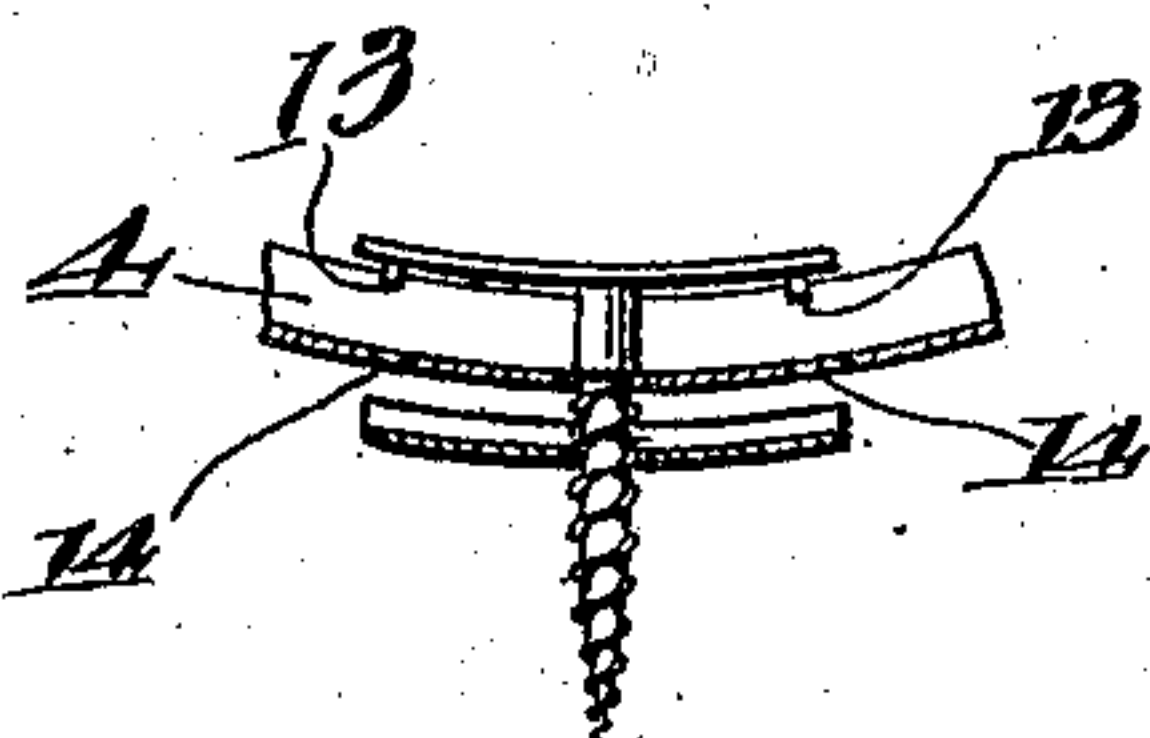
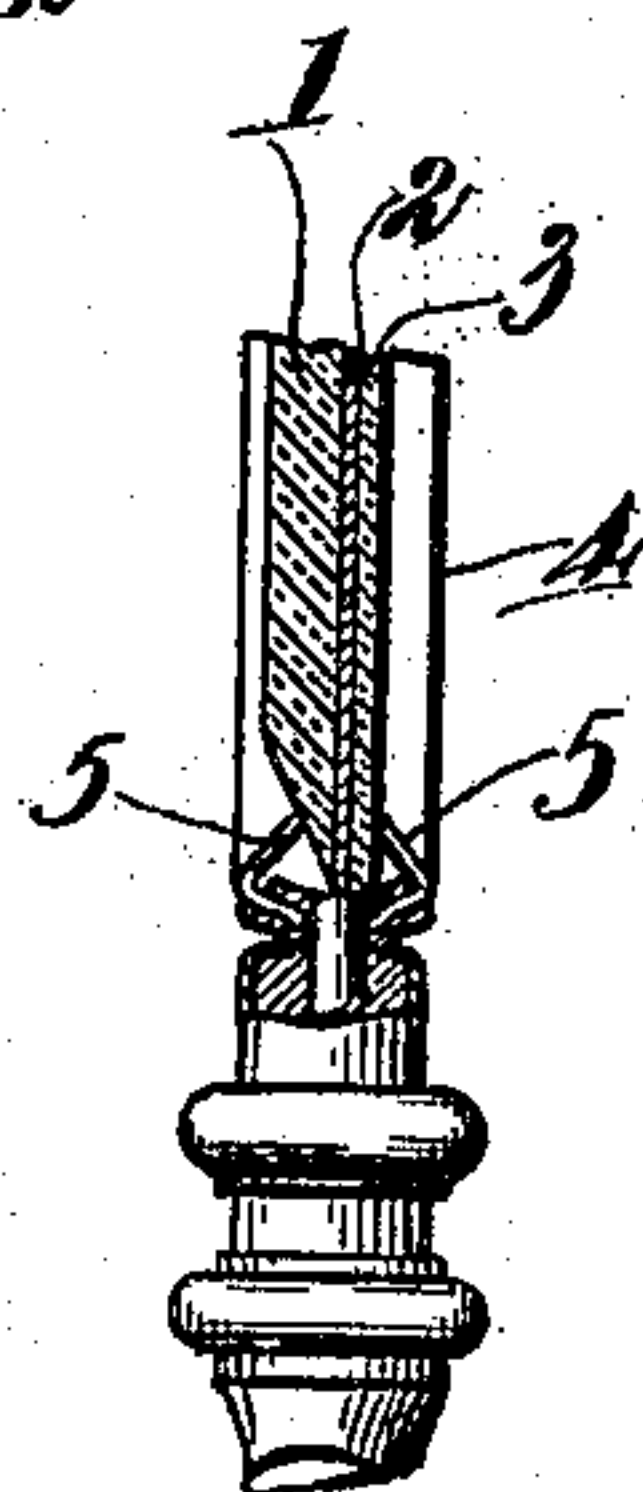


FIG. 4

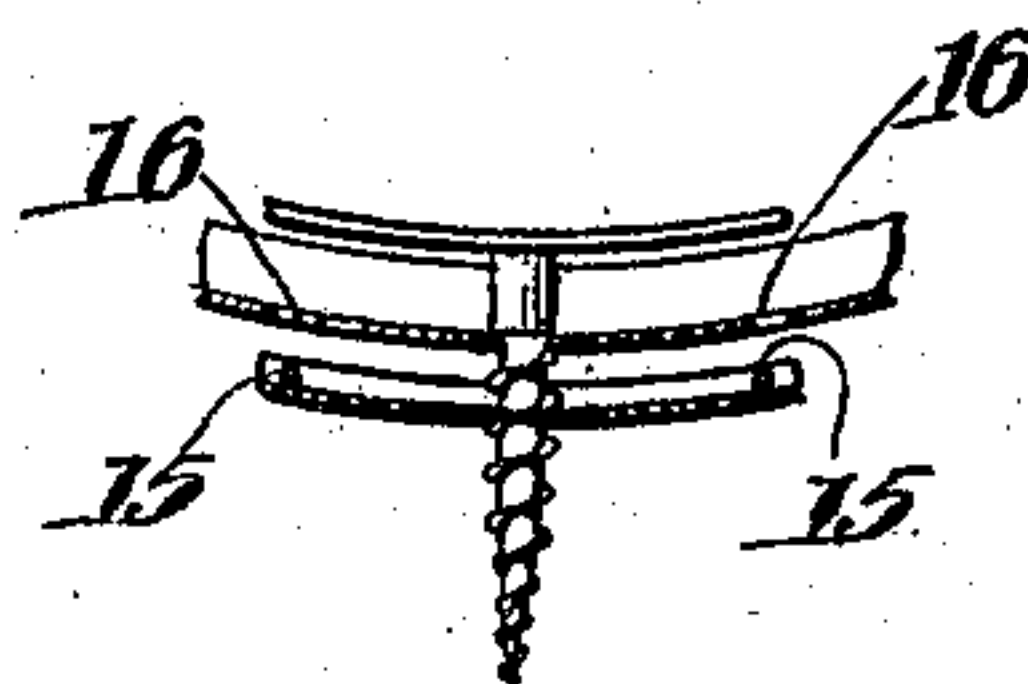


FIG. 5

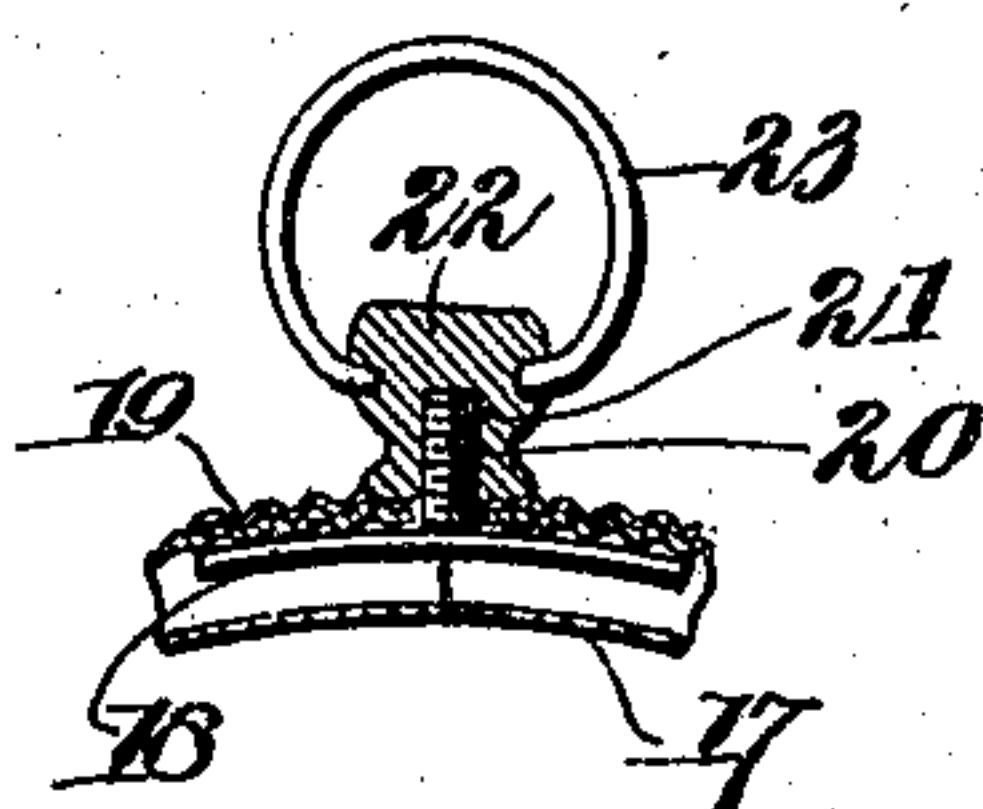


FIG. 6

WITNESSES.

V.R. Sherman

George L. Chindahl

INVENTOR.

Solomon B. Feuerstein

By Luther L. Miller
ATTY.

UNITED STATES PATENT OFFICE.

SOLOMON B. FEUERSTEIN, OF CHICAGO, ILLINOIS, ASSIGNOR TO CRUVER
M'F'G. CO., OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

FRAME AND HANDLE STRUCTURE.

No. 848,020.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed June 29, 1906. Serial No. 324,075.

To all whom it may concern:

Be it known that I, SOLOMON B. FEUERSTEIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Frame and Handle Structures, of which the following is a specification.

This invention relates to the frames and handles or hangers of mirrors, pictures, plaques, and the like; and its object is to provide an improved means for securing together the ends of the frame and for connecting the handle or hanger to the article.

In the accompanying drawings, Figure 1 is a side elevation of a hand-mirror provided with a frame and a handle embodying the features of this invention. Fig. 2 is a view similar to that of Fig. 1, but being partially sectioned and the various members spaced apart to illustrate the manner of securing them together. Fig. 3 is a fragmental detail sectional view of said hand-mirror. Figs. 4 and 5 are detail views of two slightly-modified forms of the invention. Fig. 6 is a fragmental sectional view illustrating the application of the invention to the hanger of a picture, plaque, or similar article.

The hand-mirror represented in Fig. 1 comprises the mirror 1 proper; in this instance circular in outline, at the rear of which mirror is placed a card 2, bearing a picture or ornamental design, which card is covered by a glass plate 3. The mirror 1, card 2, and glass backing 3 are encircled by a frame or band 4, formed of an integral strip of sheet metal suitably bent to provide two flanges 5, between which said mirror, card, and backing are held. The ends of said frame are clamped together and the mirror attached to the handle 6 by means of two plates 7 and 8, the former being adapted to lie between the frame 4 and the mirror 1 and having a screw 9 rigidly secured thereto. The ends of the frame 4 are notched at 10 to receive between them the screw 9. The clamping-plate 8 has an opening 11 therein for the passage of the screw 9 and is adapted to lie upon the outer side of the ends of the frame 4 and clamp said frame ends firmly between itself and the clamping-plate 7 when the handle 6 is screwed upon the screw 9.

While not essential, it is desirable that some means be employed to insure a firm en-

gagement between the frame and the clamping-plates 7 and 8. The ornamental beading 12, generally formed upon the frame 4, is sufficient to cause good frictional engagement between the frame and the clamping means; but, if desirable, prongs or tangs 13 may be struck up or otherwise formed upon the clamping-plate 7 and openings 14 punched in the ends of the frame 4 in position to receive said tangs, as shown in Fig. 4. An alternative construction is shown in Fig. 5, in which tangs 15 are located upon the clamping-plate 8 and openings 16 to receive them are formed in the frame.

This invention is applicable to hangers of various sorts, as well as to handles.

In Fig. 6 the ends of the mirror or picture frame 17 are secured together by being clamped between the plates 18 and 19, the former plate having a screw 20 fixed thereto, which screw enters a screw-threaded opening 21 in a nut 22. The nut 22 is provided with a pivoted loop 23, by means of which the picture or other article may be suspended.

It is obvious that various changes may be made in the embodiments herein illustrated without departing from the spirit and scope of the invention, wherefore I desire to have it understood that I do not limit myself to the precise details herein set forth.

I claim as my invention—

1. In a frame and handle structure, in combination, two frame ends arranged to abut; a plate, the ends of which overlie said frame ends; a handle; and a screw for securing said plate and said handle together.

2. In a frame and handle structure, in combination, a frame comprising flanges between which the object to be framed is held, the ends of said frame abutting; a plate adapted to lie at one side of said abutting frame ends within said flanges; a handle; and a screw for securing said plate and said handle together.

3. In a frame and handle structure, in combination, a frame comprising two flanges between which the object to be framed is held, the ends of said frame being brought relatively near each other; a plate overlying said frame ends within said flanges; a screw fixed to said plate; a handle turned on said screw; and a member overlying said frame ends between said frame and said handle.

4. A frame and handle structure compris-

ing two frame ends arranged to abut, a member adapted to lie on one side of said frame ends, a handle adapted to lie upon the other side of said frame ends, and a screw fixed to
5 said member for securing said member and handle together, said frame ends being notched to receive said screw between them.

5. A frame and handle structure comprising two frame ends, a plate adapted to lie on
10 one side of said frame ends, a screw fixed to said plate, a handle on the other side of said frame ends adapted to be engaged by said screw, and a plate interposed between said frame ends and said handle.

15 6. A frame and handle structure comprising an annular frame the ends of which are adapted to abut, a clamping-plate adapted to lie on the inner side of said frame over said frame ends, said plate having a screw

fixed rigidly thereto, a clamping-plate adapted to lie on the outer side of said frame and having an opening therein to receive said screw, and a handle adapted to be screwed upon said screw and to clamp said frame ends between said plates. 20 25

7. A frame and handle structure comprising two frame ends, a member adapted to lie on one side of said frame ends, a handle adapted to lie upon the other side of said frame ends, means for securing said plate
30 and said handle together and clamping said frame ends between them, and means for forming a positive engagement between said frame ends and said clamping means.

SOLOMON B. FEUERSTEIN.

Witnesses:

L. L. MILLER,
GEORGE L. CHINDAHL.