

(No Model.)

J. F. CHATELLIER.
SETTING FOR MIRRORS.

No. 367,363.

Patented Aug. 2, 1887.

Fig. 1.

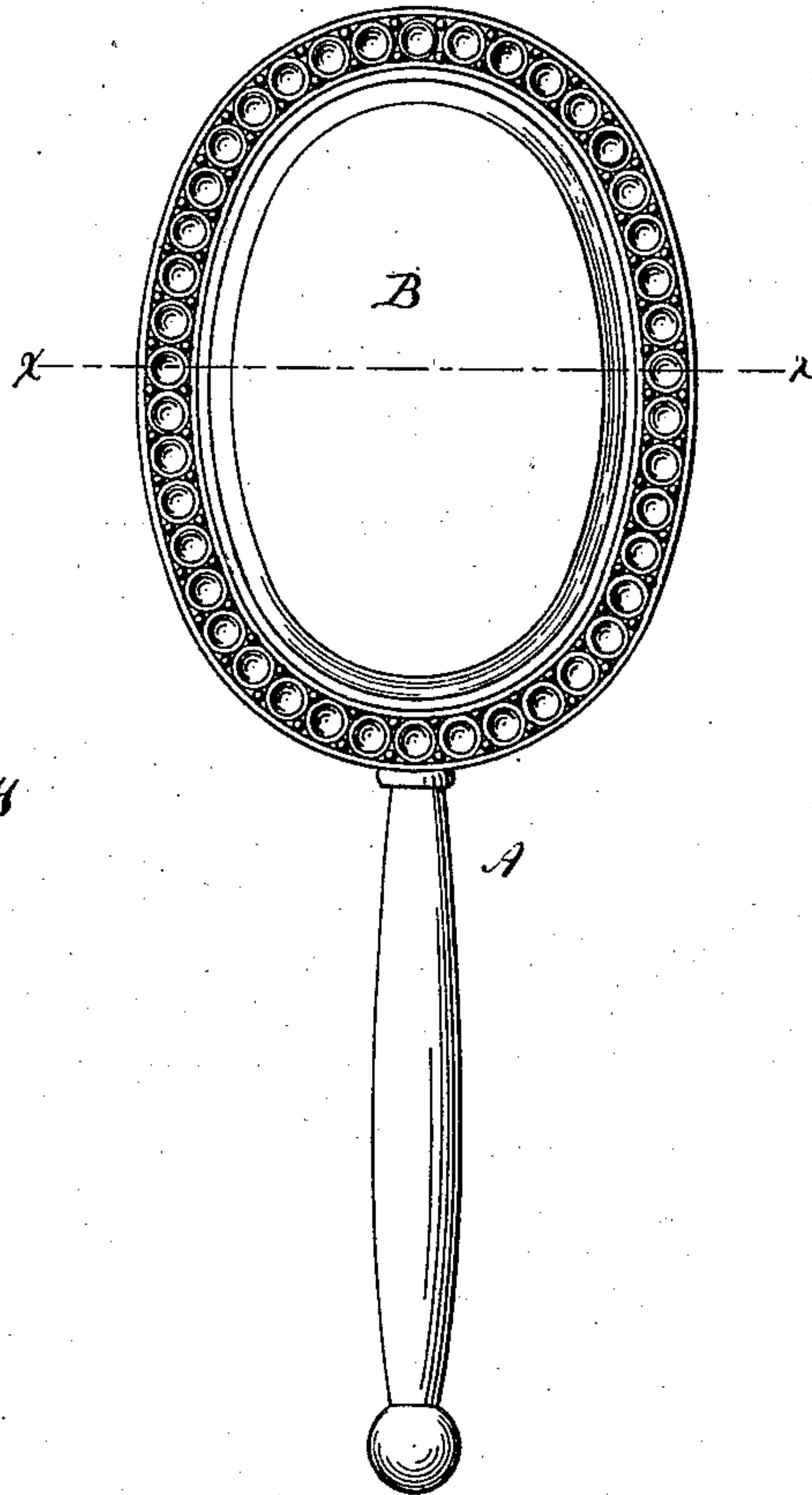


Fig. 3.

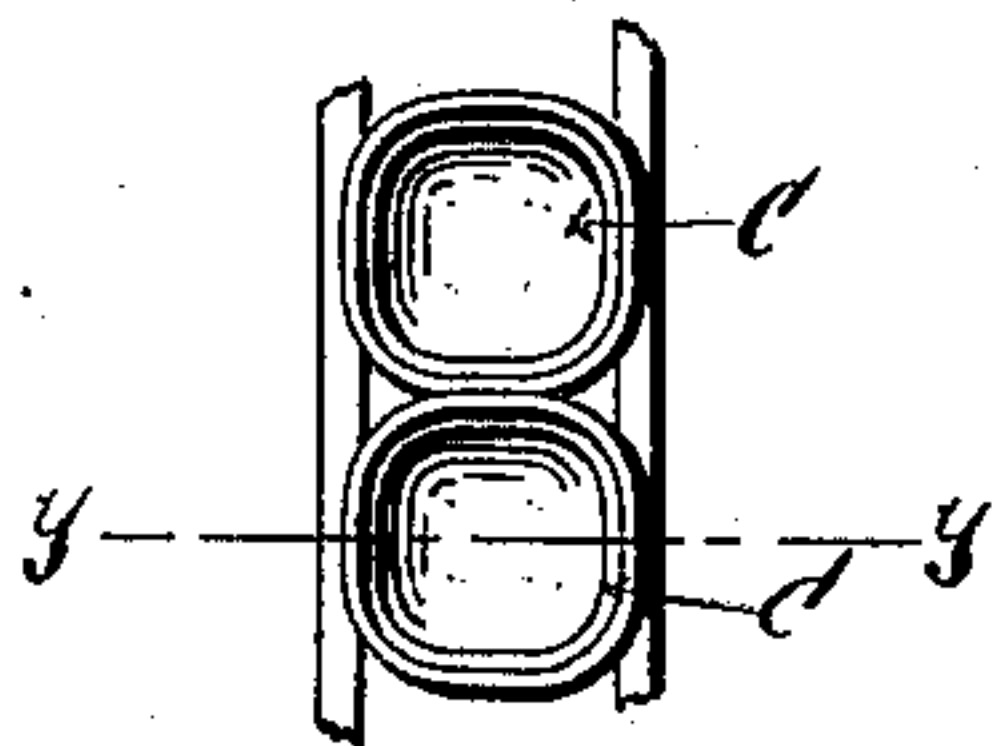


Fig. 4.

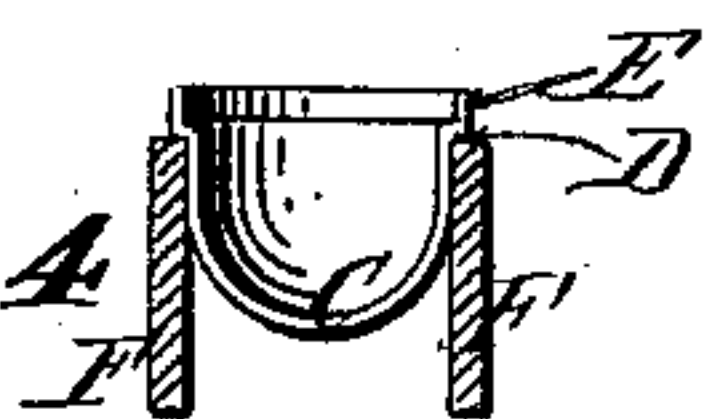


Fig. 5.

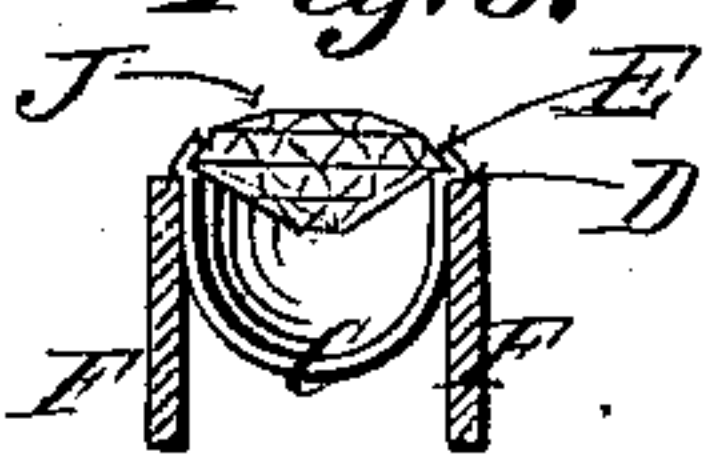


Fig. 6.

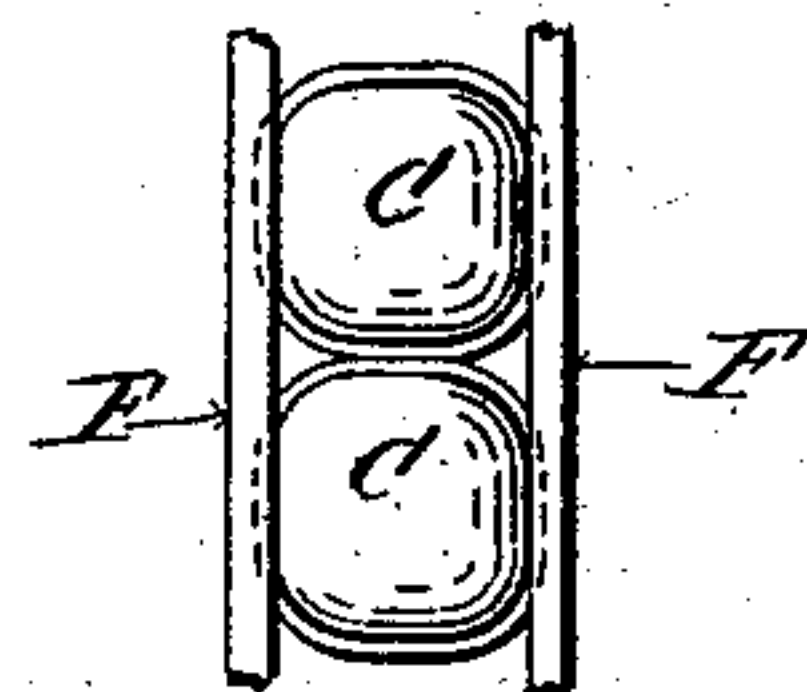
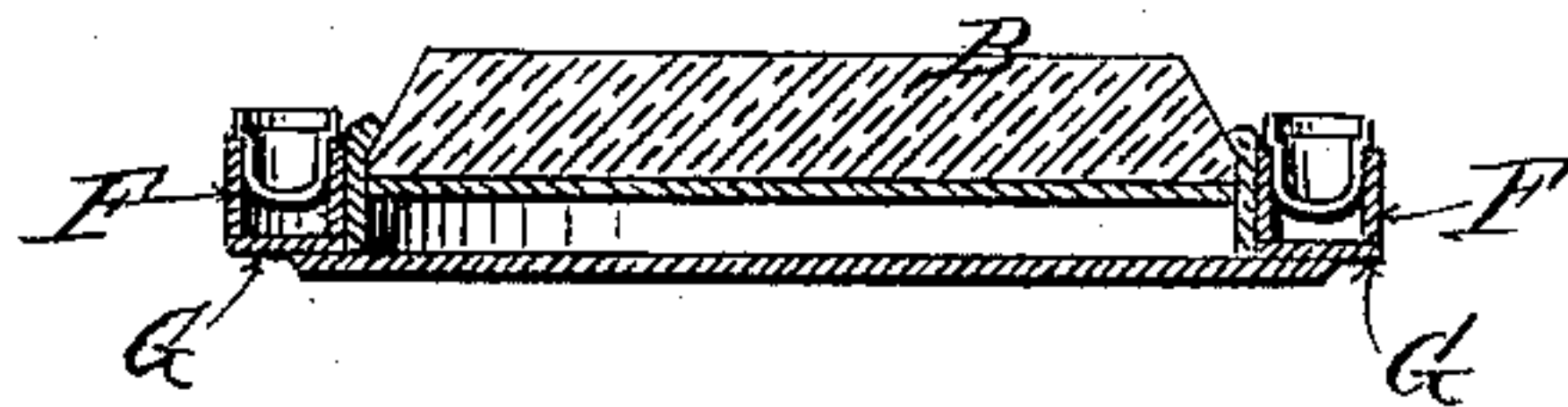


Fig. 2.



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UNITED STATES PATENT OFFICE.

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SETTING FOR MIRRORS.

SPECIFICATION forming part of Letters Patent No. 367,363, dated August 2, 1887.

Application filed December 27, 1886. Serial No. 222,628. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. CHATELLIER, of the city of New York, county of New York, and State of New York, have invented a new and useful Improvement in Settings for Mirrors, Picture-Frames, or Similar Ornamental Articles, of which the following is a specification.

My invention will be readily understood from the accompanying drawings, in which—

Figure 1 represents my invention as applied to a hand-mirror; Fig. 2, a section of the same on the lines *x x*; Fig. 3, an enlarged view of the method of making the setting; Fig. 4, a cross-section through Fig. 3 on the lines *y y*; Fig. 5, the same view as Fig. 4, with the jewel inserted; and Fig. 6, a bottom view of my improved setting.

Similar letters refer to similar parts.

I will describe my improvement as applied to a hand-mirror.

A represents such hand-mirror generally, and B the glass therein, preferably beveled. This mirror is surrounded by a setting of jewels, which may be of various kinds; but I prefer rhinestones, which are jewels made in imitation of the diamond. If these jewels were to be set in the regular way around the mirror, it would be a matter of large expense and substantially preclude the making of these ornaments at such a price that they would be sought. By my improved method of setting, however, I am enabled to set my stones both economically and certainly. I form, preferably in a die, a number of cup-settings, C C C. (Shown clearly in the figures.) These settings, though cup-shaped generally, are provided at their open extremities with a flange, D, a lip, E, upon which flange or shelf D the stone rests, while it is held in position by the lip E when the same is clamped upon the stone, as shown in Fig. 5. These cups are then arranged in suitable proximity between two bands, F, which are then bent into oval or other suitable form to conform to the shape of the mirror or other article to be ornamented. They are preferably soldered to a bottom, G, as shown in Fig. 2, thereby making a metallic box in

which the cup setting C will rest. It will be obvious that the cup setting by its flange D accomplishes two results. In the first place, the upper side of the flange serves as a support for the jewel, as shown in Fig. 5, and in the second place the bottom part of the flange serves to enable the cup to rest upon the bands or strips F F, where of course the setting is finally soldered. The bands, having been suitably shaped, are then arranged with reference to the article to be ornamented, and the space between the bands being filled with settings, as shown in Fig. 1, they are in turn filled with jewels. I prefer to first prepare my strips and settings before inserting the jewels, as thereby the heating of the jewels in soldering is avoided. When the jewels are dropped in position, a tool running around the lip E will immediately clamp them firmly in position.

I do not limit myself to a hand-mirror ornamented as above described, but desire to claim the series of settings arranged between the bands in connection with other similar articles to be ornamented—such, for instance, as picture frames.

I do not claim, broadly, a mirror ornamented with stones, nor a cup-shaped setting for a jewel; but

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, a border for a hand-mirror, picture-frame, or similar ornamental article, ornamented by a ring of jewels supported in cup-shaped settings, the said settings resting upon bands surrounding the mirror, and supported on said bands by means of flanges on each of said jewel-settings, the said flanges serving likewise to support the jewel within the setting, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOS. F. CHATELLIER.

Witnesses:

ANTHONY GREEF,
WM. A. POLLOCK,