

J. F. DOHAN.
Hand-Mirrors.

No. 145,729.

Patented Dec. 23, 1873.

Fig. 1

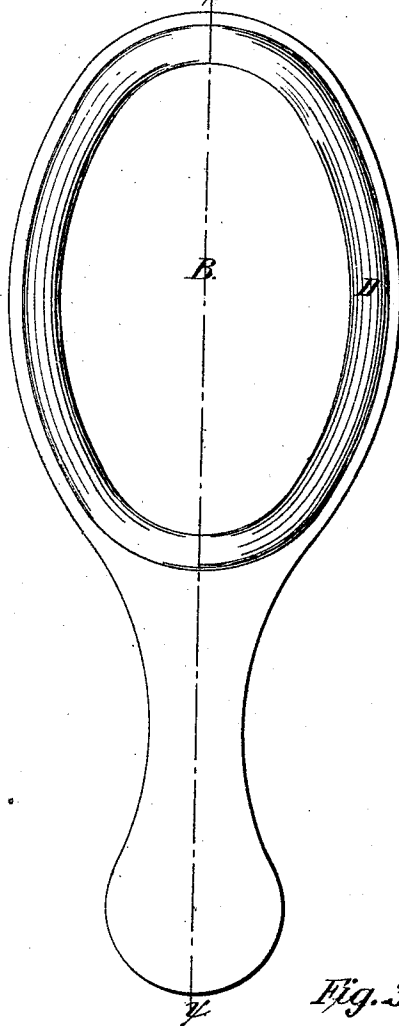


Fig. 2.

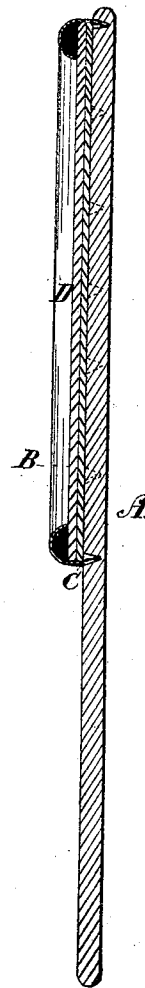
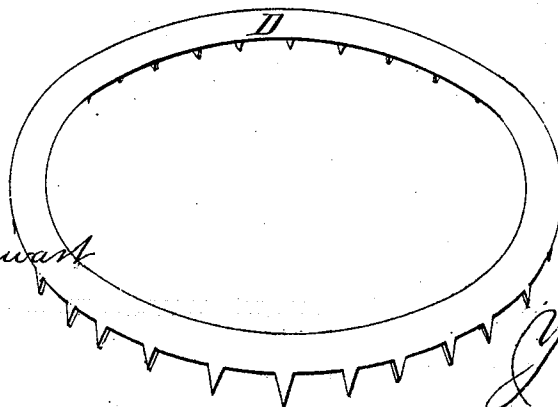


Fig. 3.



Witnesses:
William Hurst
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UNITED STATES PATENT OFFICE.

JAMES F. DOHAN, OF BINGHAMTON, NEW YORK.

IMPROVEMENT IN HAND-MIRRORS.

Specification forming part of Letters Patent No. **145,729**, dated December 23, 1873; application filed September 24, 1873.

To all whom it may concern:

Be it known that I, JAMES F. DOHAN, of Binghamton, in the county of Broome and State of New York, have invented certain Improvements in Hand-Mirrors, of which the following is a specification:

My invention relates to a mode of constructing hand-mirrors designed for the toilet, which consists in forming the metal front or frame of the mirror with teeth or brads, produced on its edge or under surface in such a manner that the brads may be forced by pressure into wood, paper, or other material, thus holding the frame-back and glass together more firmly and cheaply than has heretofore been accomplished.

In the accompanying drawing, Figure 1 is a front view of finished mirror. Fig. 2 is a longitudinal section taken in the line *x x* in Fig. 1. Fig. 3 is a perspective view of the metal frame, showing the brads or teeth formed thereon.

A is the back of the mirror, which may be made of wood or paper. B is the glass or mirror-plate. C is a soft pad, such as paper, cloth, or any suitable material, placed between the glass and back to prevent the glass being broken by accidental falling, and to protect the quicksilver thereon. D is the frame or outside of mirror, which may be made of sheet or cast metal, with brads or teeth formed

on its edge, said brads being turned back at right angles with the plane of the mirror, the frame being of proper size for the brads or teeth to surround the glass and inclose it while the inner edge of frame is pressed down upon it.

The several parts being made, the mirrors are put together by laying the pad C on back A and glass B on the pad. The frame D is placed over these, the teeth resting on the back. Pressure is then applied, and the teeth forced into the back until the solid rim at the base of the teeth comes in contact with it, leaving all close and smooth, and the inner edge of the frame is pressed firmly on the glass.

While such mirror may be cheaply and rapidly made, the metal frame prevents the back from warping or splitting, and the pad beneath protects the glass from being broken by accidental falling.

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

The metal frame D, provided with brads or teeth on its edge or under surface, in combination with the back A, pad C, and glass B, substantially as and for the purpose herein described.

JAMES F. DOHAN.

Witnesses:

WILLIAM STEWART,
A. W. FOX.