(No Model.)

P. HUFELAND.

HAND MIRROR.

No. 270,190. Patented Jan. 2, 1883.

Fig. 1.

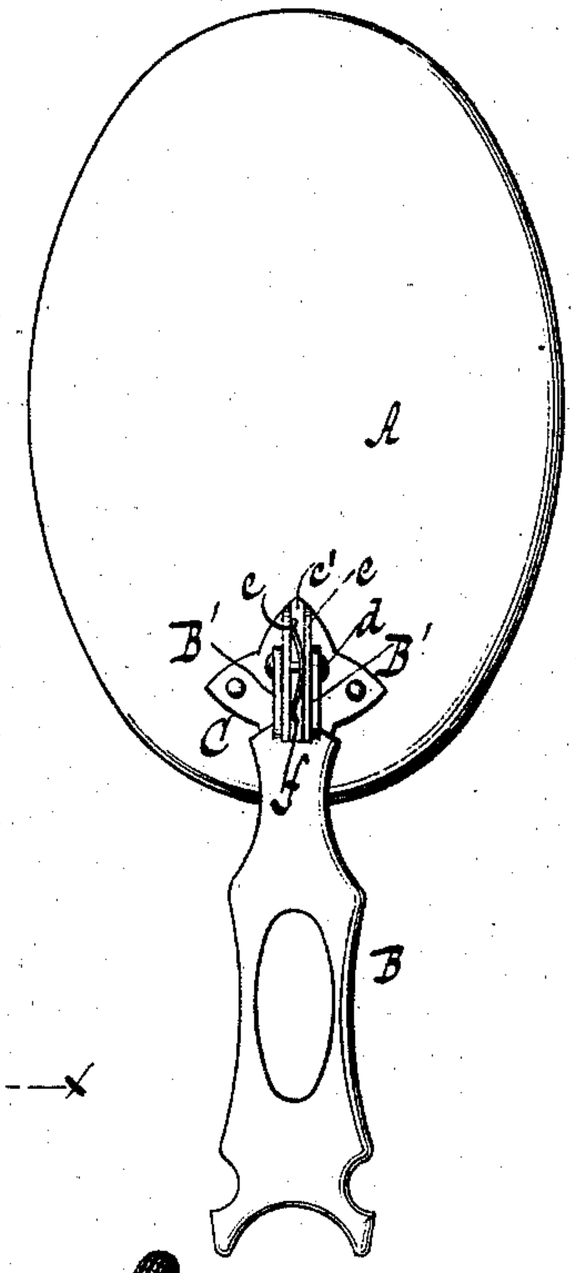


Fig. 3

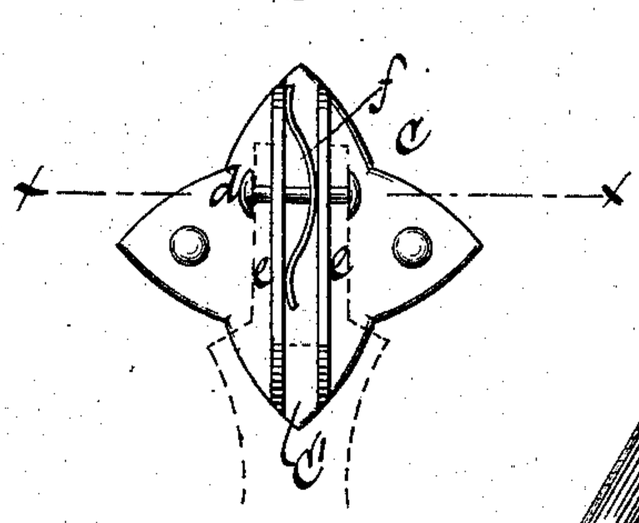


Fig. 4.

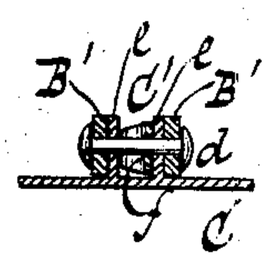
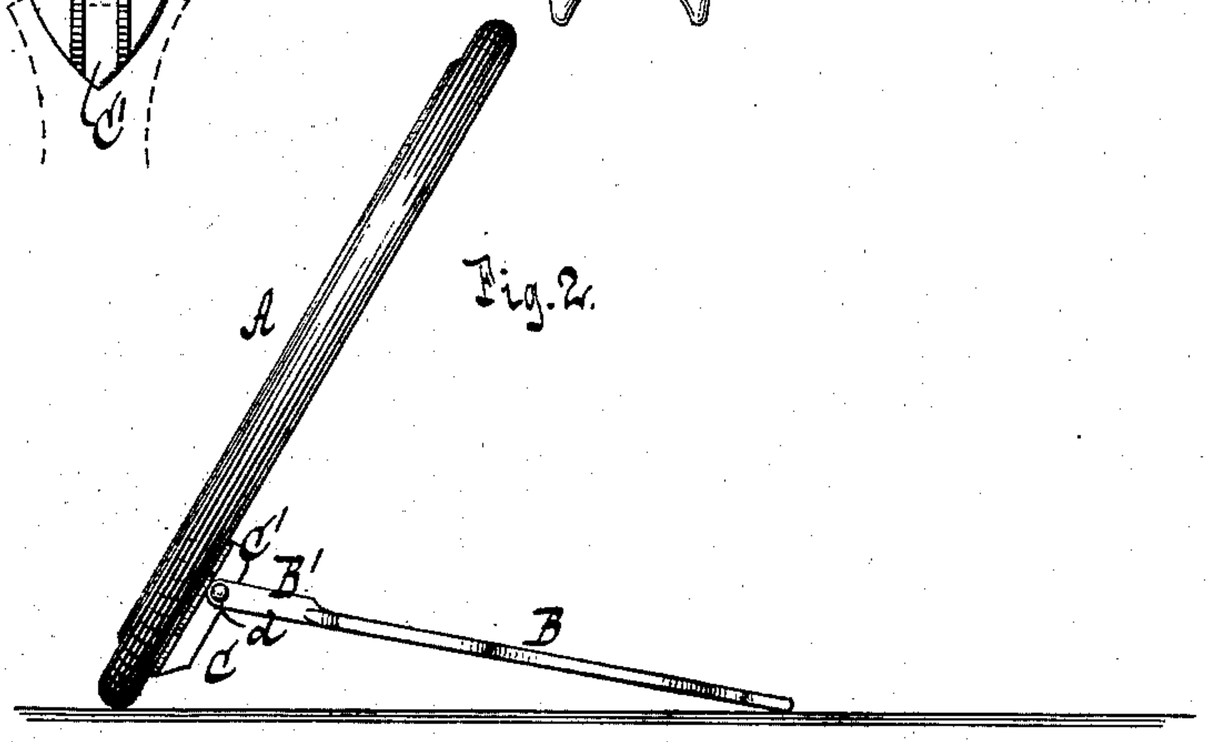


Fig. 2.



Witnesses
Otto Hufeland
William d Miller.

Inventor
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by Van Santvoord & Hauff
his attys.

UNITED STATES PATENT OFFICE.

PHILIP HUFELAND, OF NEW YORK, N. Y., ASSIGNOR TO PETER WIEDERER, OF SAME PLACE.

HAND-MIRROR.

SPECIFICATION forming part of Letters Patent No. 270,190, dated January 2, 1883.

Application filed February 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, PHILIP HUFELAND, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Hand-Mirrors, of which the following is a specification.

This invention relates especially to the construction and means of attachment of mirror-handles; and it consists in a mirror having combined therewith a handle and attaching-piece, one provided with elastic cheeks and the other with a tongue having the cheeks pivoted thereto in frictional contact with its sides, so that while the handle is capable of adjustment it is automatically held in any of its positions. The attaching-piece is composed of metal, and carries the tongue, while the latter is split flatwise, forming elastic walls, which tend to promote the friction between the tongue and the cheeks. A spring is arranged in the cleft of the tongue to increase the elasticity of its walls.

This invention is illustrated in the accompanying drawings, in which Figure 1 is a rear view, showing the handle unfolded to position for use. Fig. 2 illustrates the position of the handle when it is used as a brace. Fig. 3 shows the attaching-piece on a larger scale than in the previous figures. Fig. 4 is a cross-section on the line *x x*, Fig. 3.

Similar letters indicate corresponding parts.

The letter A designates the mirror; B, the handle, provided with cheeks B′; and C, the attaching-piece, carrying the tongue C′. The cheeks B′ are formed at one end of the handle by forking the same at that place, and they are made elastic by constructing the handle of metal. The attaching-piece C is secured to the back of the mirror A by rivets or other suitable means, and in such a position that the tongue C′ extends in the direction of the length of the article in the line of the center thereof. The cheeks B′ straddle the tongue C′ and are pivoted thereto, as by a pin or screw, *d*, so that they are in contact with the sides of the tongue, such sides being flat. Like the handle B, the attaching piece C is composed of metal, and it is split flatwise, forming elastic walls *e*, while in the cleft of the tongue is arranged a spring, *f*, having a tendency to expand the walls.

By swinging the handle on the pivot *d* it can be brought to various positions, in either of which it is firmly retained by the friction due to the contact of the cheeks B′ with the tongue C′. This frictional contact is preserved by the elasticity of the cheeks B′, also by the like property of the walls *e* and by the action of the spring *f*, so that the handle is not liable to work loose.

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

The improvement in hand-mirrors set forth, consisting of the handle and standard B, forked at one end to constitute the elastic cheek-pieces B′, which co-operate with the cleft elastic walls *e e* of the attaching-piece C by means of the pivot *d* to give a uniform frictional bearing, whereby the mirror may be supported and used in the several positions shown and described, as specified.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

PHILIP HUFELAND. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.