(No Model.)

P. WIEDERER.

HAND MIRROR.

No. 328,741. Patented Oct. 20, 1885.

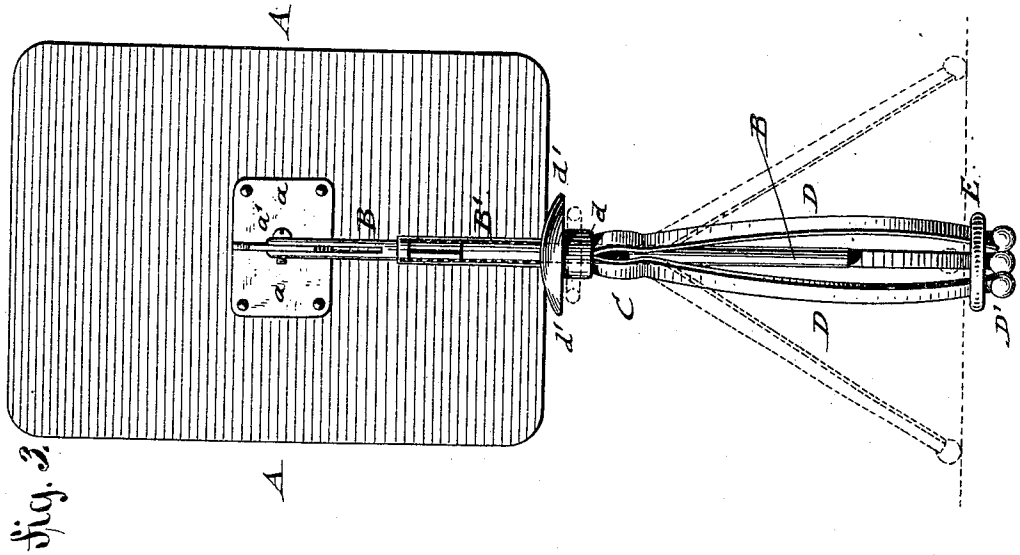


Fig. 3.

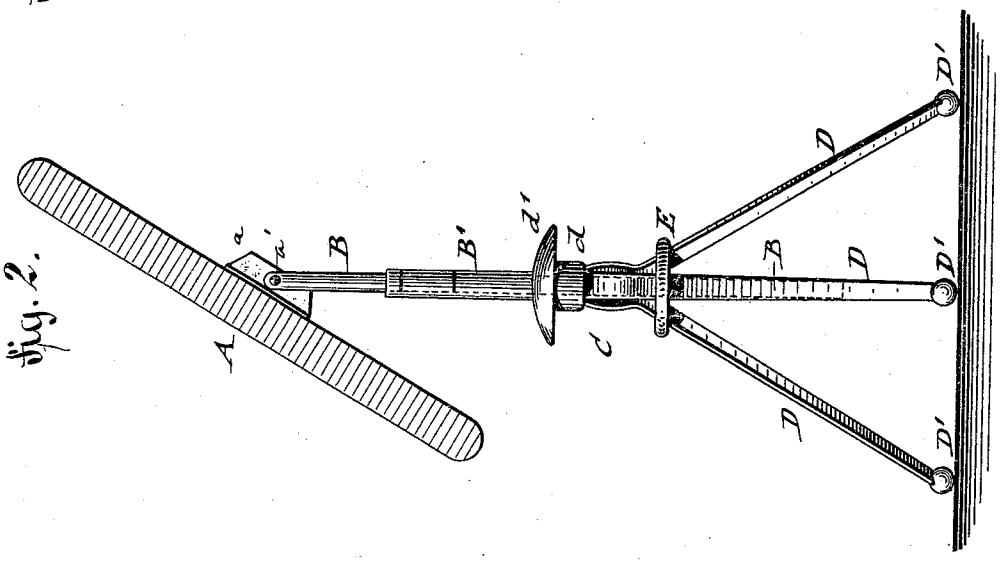


Fig. 2.

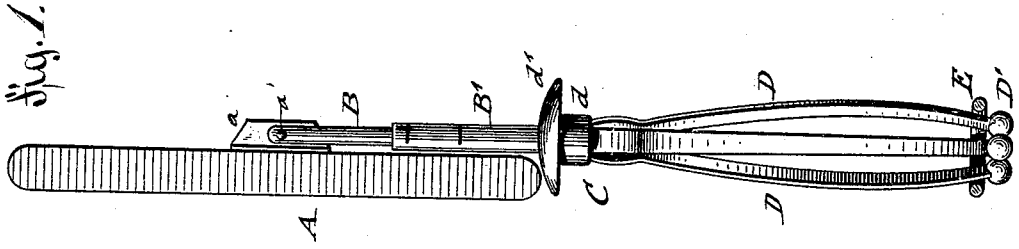


Fig. 1.

WITNESSES

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UNITED STATES PATENT OFFICE.

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HAND-MIRROR.

SPECIFICATION forming part of Letters Patent No. 328,741, dated October 20, 1885.

Application filed February 24, 1885. Serial No. 156,653. (No model.)

To all whom it may concern:

Be it known that I, PETER WIEDERER, of the city, county, and State of New York, have invented certain new and useful Improvements in Hand-Mirrors, of which the following is a specification.

This invention has reference to an improved hand-mirror, picture, or other article of that class in which a hinged handle can be readily changed into a supporting-stand for said articles; and the invention consists of a hand-mirror or other article, to the back of which is applied by a friction-hinge a handle, the lower part of which is formed of three spring-fingers that are retained in bent shape by means of a ring and provided with a fixed stop-collar above the spring-fingers for retaining the ring when the spring-fingers are released, while enlarged ball-shaped terminals at the ends of the fingers retain the ring when the spring-fingers are pressed together by the ring.

In the accompanying drawings, Figures 1 and 2 represent side elevations of my improved hand-mirror, showing the handle, respectively, in contracted position and spread out as a stand; and Fig. 3 is a rear elevation of the hand-mirror, showing the spread-out position of the spring-fingers composing the handle in dotted lines.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a mirror, picture, or other article, and B a handle-rod that is hinged to a flanged plate, *a*, at the back of the mirror-frame, said handle-rod being retained at any suitable angle of inclination to the frame A by means of a friction-hinge, *a*, of any approved construction, by which the required degree of friction is exerted on the split end of the handle-rod.

The handle-rod B is inserted into a socket, B′, at the upper end of a handle, C, which socket is preferably provided with a double T-shaped slit, so as to exert the required degree of friction on the handle-rod B when said rod is inserted into the socket B′. The lower part of the handle C, below the socket B′, is formed of three spring-fingers, D D, which are secured at their upper ends into a socket, *d*, that is attached to the socket B′, and provided with a fixed stop collar or ring, *d′*. The spring-fingers D D are provided at their lower ends with ball-shaped terminals D′, and are made of metal or other suitable material having the required degree of elasticity.

A ring or other equivalent retaining device, E, surrounds the spring-fingers D, and holds the same in bent or compressed state when placed next to the enlarged terminals D′, as shown in Figs. 1 and 3. By thus pressing the spring-fingers together they form then a kind of handle by which the mirror can be conveniently held. By moving the ring E along the spring-fingers until the same clears the same the spring-fingers are liberated and spread apart, so as to form thereby a standard or tripod for the support of the mirror, as shown in Fig. 3. By returning the ring to the enlarged terminals D′ of the spring-fingers D the latter are held in bent shape closely to each other, so as to form a handle. The stop-collar *d′* prevents the detaching and loss of the ring E when the handle C is removed from the handle-rod B.

By means of the socket B at the upper end of the handle the mirror may be detached from the handle and packed conveniently with the same for shipment.

In my applications Nos. 152,956 and 156,031, filed, respectively, January 15, 1885, and February 16, 1885, I have described and claimed certain improvements in hand-mirrors; and I do not claim in this application the subject-matter of the claims of those applications.

A convertible handle and stand for a hand-mirror has heretofore been constructed in segments hinged together at their upper ends, said segments being provided with springs to cause them to spread at their lower ends. In my construction the fingers comprising the handle are composed of elastic metal, and are rigidly fixed at their upper ends, being inherently expansible at their lower ends, whereby the device is rendered less cumbersome than that referred to, and economy of manufacture is secured.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of a mirror, picture, or similar article, a supporting-rod therefor, and an expansible handle for supporting said rod comprising a head or socket and spring-fingers composed of elastic metal and rigidly fixed at their upper ends to said socket, said

fingers being normally sprung outward at their lower ends, substantially as described.

2. The combination of a mirror, picture, or similar article, a supporting-rod therefor, an expansible handle for supporting said rod comprising a head or socket and spring-fingers composed of elastic metal and rigidly fixed at their upper ends to said socket, said fingers being normally sprung outward at their lower ends, and a sliding ring on said fingers for closing them together at their lower ends, substantially as described.

3. The combination of a mirror, picture, or similar article, a supporting-rod therefor, an expansible handle for supporting said rod comprising a head or socket and spring-fingers composed of elastic material and rigidly fixed at their upper ends to said socket, said fingers being normally sprung outward and provided with enlargements at their lower ends, and a sliding ring on said fingers for closing them together at their lower ends, substantially as described.

4. A convertible handle and stand for hand-mirrors, pictures, and other similar articles, consisting of a head and spring-fingers composed of elastic metal and rigidly fixed at their upper ends to said head, said fingers being normally expanded and collapsible at their lower ends, substantially as described.

5. A convertible handle and stand for hand-mirrors, pictures, and other articles, consisting of a head provided with a stop-collar and spring-fingers composed of elastic metal and rigidly fixed at their upper ends to said head, said fingers being normally expanded and collapsible at their lower ends, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

PETER WIEDERER.

Witnesses:
CARL KARP,
SOL. U. ROSENBAUM.