H. S. WOOD.
Mirror.

No. 202,621. Patented April 16, 1878.

Fig. 1.

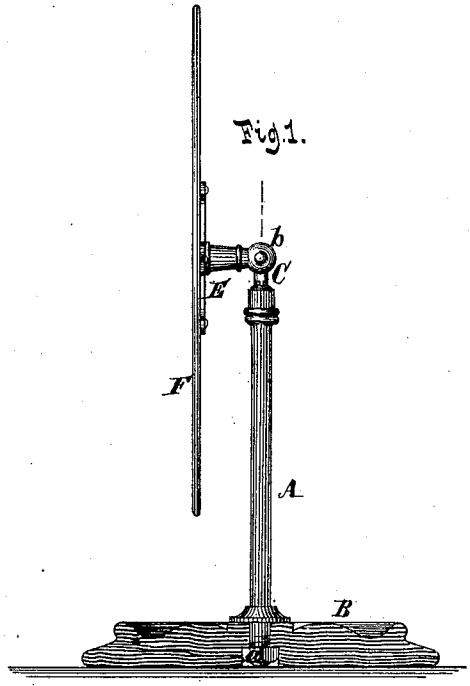
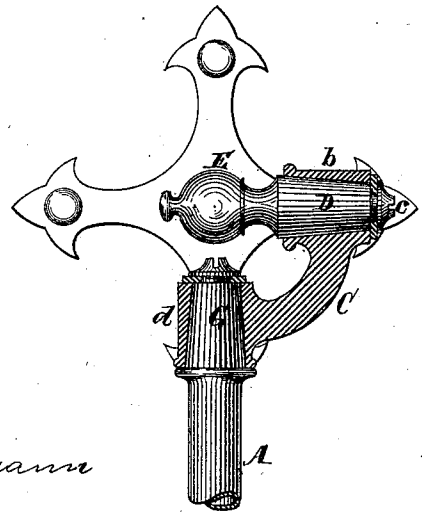


Fig. 2.



Witnesses.
Otto Aufland.
Hugo Brueggemann

Inventor.
Henry S. Wood
by
Van Santvoord & Hauff
his attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY S. WOOD, OF NEW YORK, N. Y.

IMPROVEMENT IN MIRRORS.

Specification forming part of Letters Patent No. **202,621**, dated April 16, 1878; application filed December 18, 1877.

To all whom it may concern:

Be it known that I, HENRY S. WOOD, of the city, county, and State of New York, have invented a new and useful Improvement in Mirror Attachments, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which

Figure 1 represents a sectional side elevation; and Fig. 2 is a sectional rear view, on a larger scale than the previous figure.

Similar letters indicate corresponding parts.

This invention relates to certain improvements on that class of mirror attachments for which a patent was granted to me December 29, 1874, No. 158,348.

My present improvement consists in the combination, with a mirror-supporting standard, of a curved arm, provided with a tapering socket, a bracket to which the mirror is secured, and a tapering plug, which is attached to said bracket and fits the tapering socket of the curved arm, so that the point around which the mirror turns is brought right over the center of the mirror-supporting standard, and the steadiness of the mirror is improved.

In the drawing, the letter A designates a standard, which rises from a foot, B, in which it may be firmly secured by a nut, *a*, as shown in Fig. 1, or to which it may be connected in such a manner that it can freely swivel therein. From the upper end of said standard extends a curved arm, C, which is provided with a tapering socket, *b*, to receive a plug, D, which is firmly connected to a bracket, E, to which the mirror F is secured by means of screws, rivets, nails, or any other suitable fastenings. The plug D swivels in the socket *b*, and its point of connection with the bracket E is situated in line with the center of the standard A, so that the mirror can be turned without danger of being upset.

A set-screw, *c*, which retains the plug D in its socket, serves to adjust said plug, so that it does not turn spontaneously in its socket, and that it permits of adjusting the mirror to any desired inclination.

The curved arm C may be provided with a second tapering socket, *d*, (see Fig. 2,) which fits a plug, G, extending from the upper end of the standard A, so that the mirror can be turned in a horizontal plane without moving the foot-plate B.

If the standard A is made to swivel in the foot-plate, the plug G and socket *d* can be dispensed with.

Instead of providing the curved arm C with a tapering socket, *b*, said arm might be provided with a plug to fit a tapering socket secured to the bracket E; or, in other words, the position of the plugs and sockets may be reversed without changing the result of my improvements.

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

The combination, with a mirror-supporting standard, of a curved arm, provided with a tapering socket, to which the mirror is secured, and a tapering plug, which is attached to said bracket and fits the tapering socket of the curved arm, substantially in the manner and for the purpose herein shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 8th day of November, 1877.

HENRY S. WOOD. [L. S.]

Witnesses:

J. VAN SANTVOORD,

E. F. KASTENHUBER.