

H. S. WOOD.
Duplex Dressing-Glasses.

No. 158,349.

Patented Dec. 29, 1874.

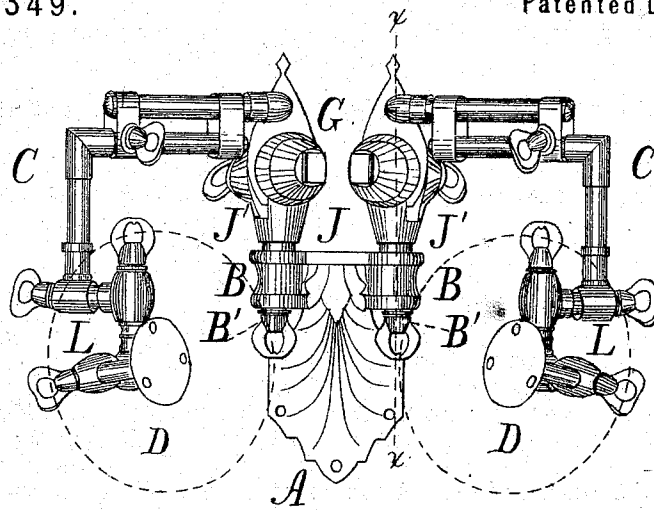


Fig. 1.

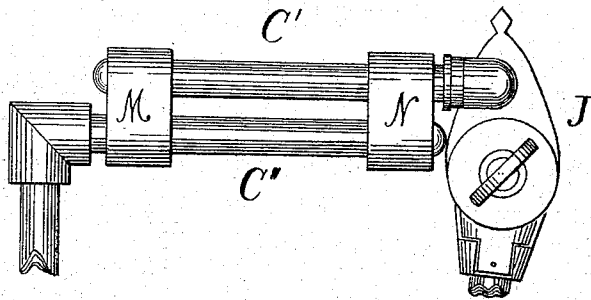


Fig. 2.

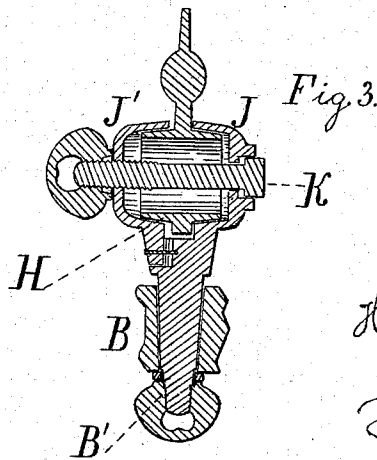


Fig. 3.

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UNITED STATES PATENT OFFICE

HENRY S. WOOD, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN DUPLEX DRESSING-GLASSES.

Specification forming part of Letters Patent No. **158,349**, dated December 29, 1874; application filed March 25, 1874.

CASE C.

To all whom it may concern:

Be it known that I, HENRY S. WOOD, of the city and county of Philadelphia and the State of Pennsylvania, have invented a new and useful Improvement in Duplex Dressing-Glasses; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a front view of the device illustrating my invention. Fig. 2 is an enlarged side view of a portion thereof. Fig. 3 is a vertical section in line *x x*, Fig. 1.

Similar letters of reference indicate like parts in the several figures.

This invention consists of two glasses which are supported in such a manner as to be adjusted relatively to each other in vertical, longitudinal, and lateral directions.

Referring to the drawings, A represents a bracket, which is formed with two bosses or ears, B, to which are jointed the conical plugs B' of arms C, to whose outer ends are connected the dressing-glasses D. Interposed between the arms and plugs are friction-joints, G, which consist of shells, H, having conical surfaces, to a portion of which are firmly secured the inner ends of the arms C. Each shell H is hollow, and fitted in a chamber formed above the plug by means of an upward continuation or plate, J, of said plug, made hollow on its inner face, and a removable plate, J', having a depression on its inward face corresponding to the hollow of the plate J. A screw pin-bolt, K, is passed through the plate J', the shell H, and plate J, and, by means of a thumb-nut, the various parts may be held in position. The connections of the arms C to the glasses are by means of the universal joints L; and it will be seen that, by means of the joints of the plugs B' and the bracket A, and the friction-joints B between the plugs and arms C, the glasses may be set to face each other, and at an indefinite number of angles, so that a person, regardless of size, may view in one glass the top, sides, back,

and front of his head, as also of his shoulders, and, in fact, of every portion of his body. Owing to the large frictional surfaces of the joints G, when the pins K are tightened relatively to the weight of the arms and glasses, the arms will be held in whatever position they are moved on the said joints G, but the friction may be readily overcome by raising or lowering the arms. Set-screws will be provided at the other several joints, to retain the same when adjusted.

The arm C consists of a number of arms arranged parallel to and sliding past each other. The lower or outer arm, C'', carries the joint L, and the upper arm, C', is connected to the shell H, or vice versa. At the outer end of the upper arm is attached a strap, M, which is looped for the passage of the lower arm, C''. A strap, N, is attached to the inner end of the lower arm and looped for the passage of the upper arm.

It will be seen that the arms may be drawn out or extended to full or partial extent, and will be thus firmly held. When said arms require folding they are merely pushed or forced in, and the operation is complete.

When the arms are extended the great strain on the connection between the arms is borne by the two straps, and consequently diffused, whereby the connected arms are not liable to breakage, and the glass will be steadily and firmly supported.

The glasses are set at one side of the arms, but cannot rotate, owing to the action of the straps, which not only serve to strengthen the arms, but also prevent the rotation thereof.

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

The combination, with the single bracket A, provided with the sockets B, of the adjustable glass-supporting arms, consisting of the sliding arms C, with looped straps M N, and the friction-joints G, with plugs B', arranged and operating substantially as and for the purpose set forth.

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Witnesses:

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