O. Hennig.

Mirror.

No. 92,966. Patented Jul. 27, 1869.

Fig. 1.

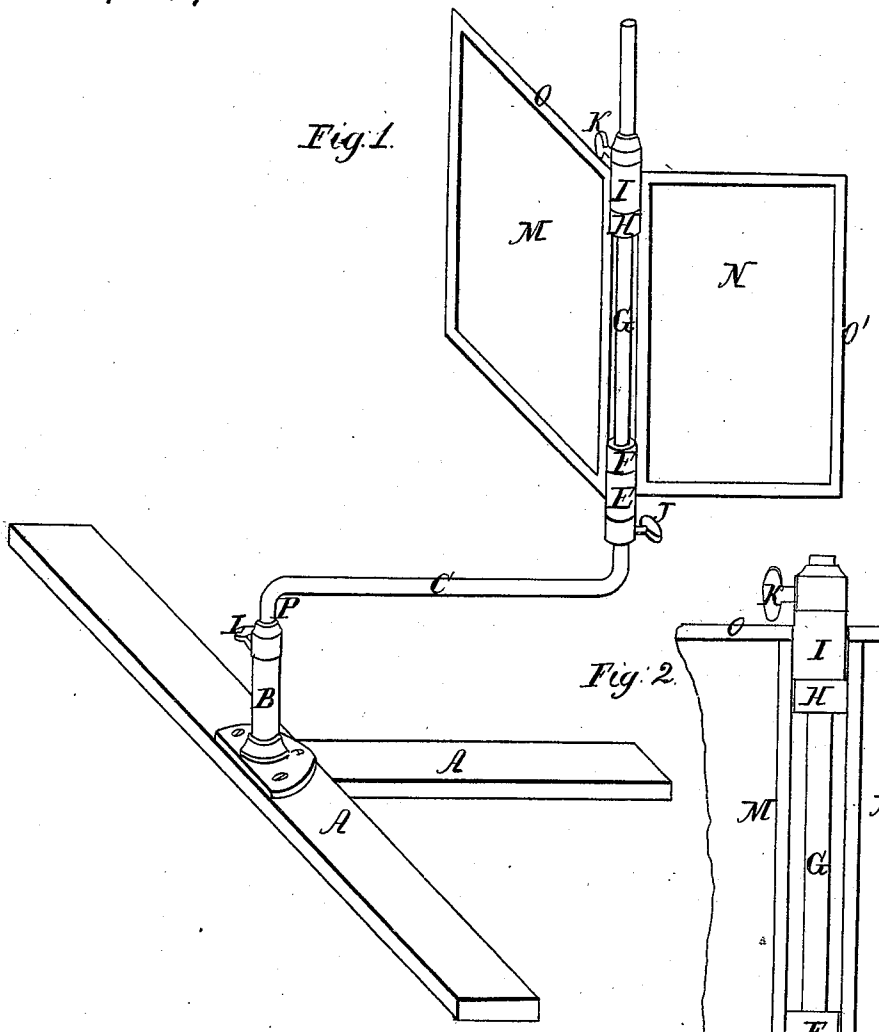
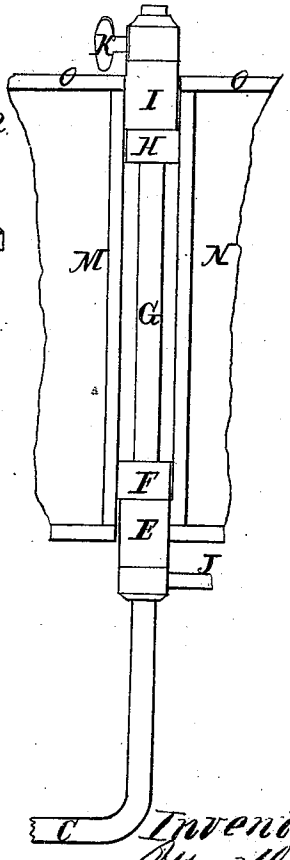


Fig. 2.



Witnesses.

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OTTO HENNIG, OF CHICAGO, ILLINOIS.

Letters Patent No. 92,966, *dated July* 27, 1869.

IMPROVEMENT IN STREET-REFLECTORS FOR WINDOWS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom this may concern:

Be it known that I, OTTO HENNIG, of Chicago, in the county of Cook, and State of Illinois, have invented a Device for Adjusting Looking-Glasses; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a perspective representation of my device.

Figure 2, a broken elevation of the upper part.

The nature of my invention consists in the use of a substantial stand, supporting a rectangular rod, which supports the frames, and is arranged to swing in a socket in the stand, and give the glasses a suitable position, and in the use of an adjustable arrangement made to operate upon the rod, by means of which the glasses may be adjusted at any desired angle and height.

The object of my invention is to arrange the common mirrors in such a way as to give a correct panoramic view of streets, scenery, inside of buildings, and all places where an observer wishes to see what is transpiring, without being especially noticed.

I am well aware that mirrors have been frequently used for such a purpose before, but claim that my arrangement for swinging both glasses to the right or left, and the device for adjusting either glass to the angle required, and also to the height, is new and more convenient than any heretofore used for a similar purpose, and, as the stand can be set on the window-sill, outside of the sash, and have the rod adjusted so as to give a view of the street to a person inside of a room, it can be used with less exposure to a person than if a double adjustment were not used.

Another important feature of my invention consists in its adaptedness for book-keepers and others, in stores and similar places, in detecting burglars and others engaged in unlawful pursuits, whom it is desirable to watch.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A A represent a suitable stand, having a socket B rigidly attached, for the purpose of supporting the lower end of rod G P C, and permitting it to be swung around to any point desired.

I know that this kind of stand has been used for various purposes, and therefore do not claim it as new, but use it in conjunction with other parts in accomplishing my purpose.

The part C of the rod is bent at a right angle to part P, and the part G is made to stand in a vertical position, and support hinges E F H I, attached to mirror-frames *o o'*, the frame *o* being hung by hinges F I, and frame *o'* by hinges E H, the set-screws J K being used to hold the hinges in a fixed position when glasses M N have been set at the desired angle.

At drawing 1, the hinges are represented as adjusted on the vertical part G of rod, and near the horizontal part C, but in drawing 2, the hinges are shown elevated to the top of the rod.

This arrangement I consider important, for if the glasses M N could not be raised as well as turned, the device would be inoperative for most purposes.

In the manufacture of the invention, I prefer the use of metal. The stand A A, however, may be made of wood, but all the parts should be nicely fitted, and especially the hinges, which must be made to slide readily upon the vertical part G of rod P C G.

Operation.

No definite instructions can be given in regard to the method of using the invention, nor is it necessary, for most persons will readily understand how to adjust the glasses M N so as to reflect the objects to be seen.

For street-views, the stand can be set on the window-sill, or any convenient place, and the glasses set at an angle which will give a view of the street or object to be seen from the inside of the window.

Having thus fully described my device,

What I claim, and desire to secure by Letters Patent of the United States, is—

The arrangement and combination of hinges E F H I, rod P C G, socket B, thumb-screws L J K, and frames *o o'*, when made and operated substantially as and for the purpose set forth.

Witnesses: OTTO HENNIG.

GEO. L. CHAPIN,

A. HAYWARD.