No. 866,658. PATENTED SEPT. 24, 1907.

C. J. JOHNSEN.

WINDOW REFLECTOR.

APPLICATION FILED JUNE 3, 1907.

Fig. 1.

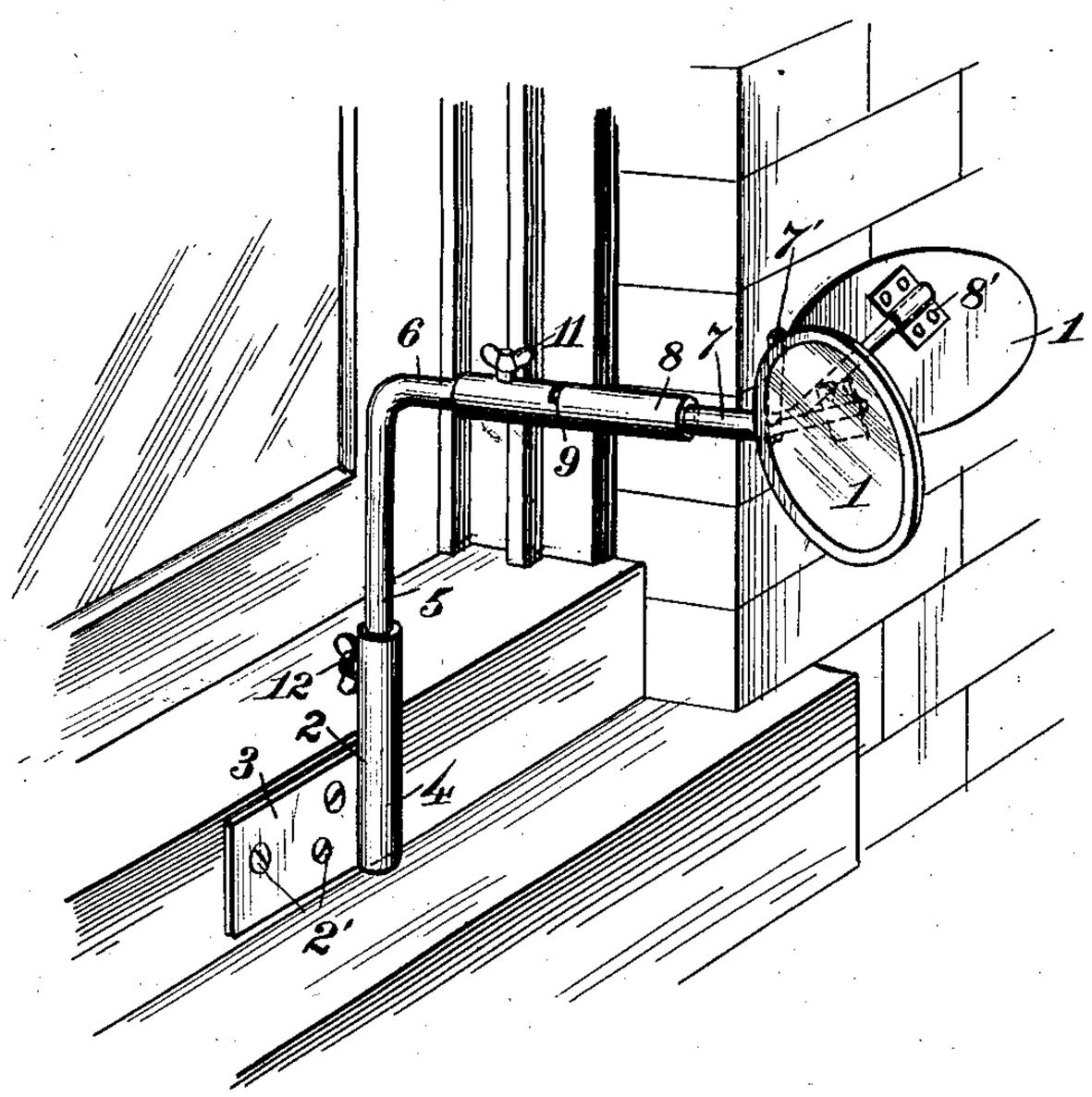
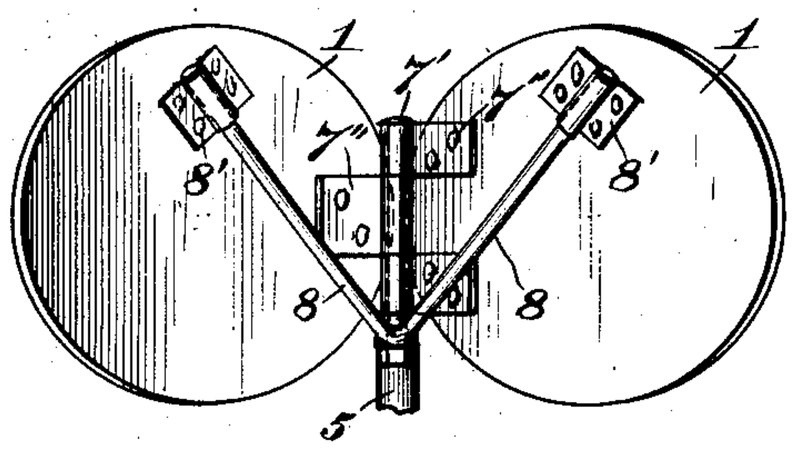


Fig. 3.



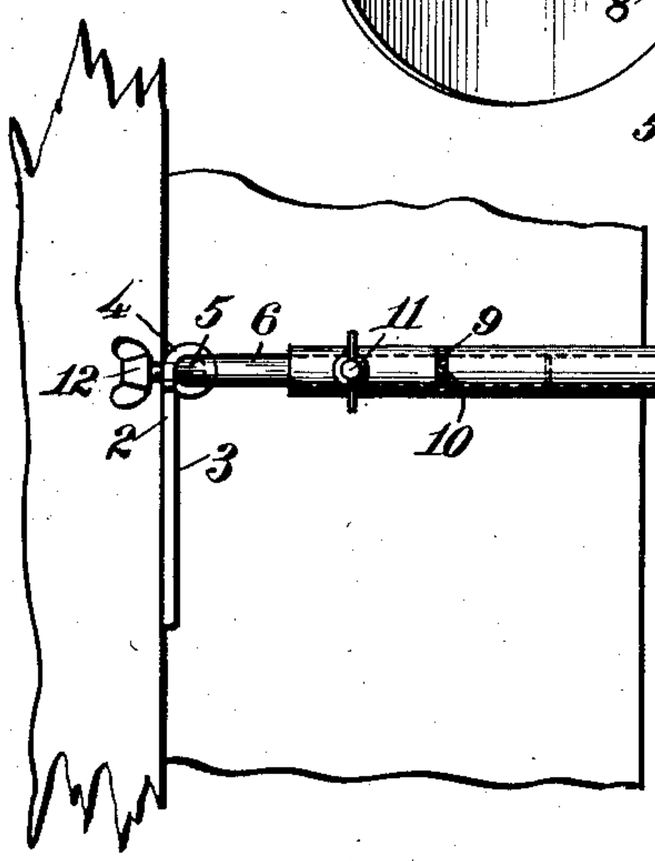
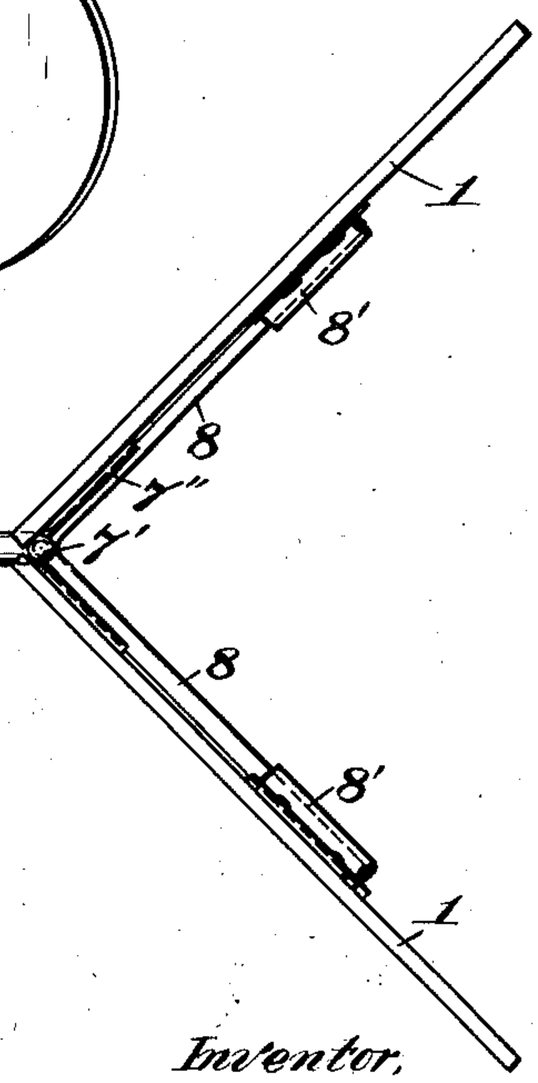


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

CAMILLA J. JOHNSEN, OF WHITING, INDIANA.

WINDOW-REFLECTOR.

No. 866,658. Specification of Letters Patent. Patented Sept. 24, 1907.

Application filed June 3, 1907. Serial No. 377,105.

To all whom it may concern:

Be it known that I, CAMILLA J. JOHNSEN, a citizen of the United States, residing at 307 John street, in the city of Whiting, county of Lake, and State of Indiana, have invented certain new and useful Improvements in Window-Reflectors, of which the following is a specification.

My invention relates to window reflectors, that is, to devices adapted to be fastened to the frame of a window, and by means of which a person within the room may see up and down the street without raising the window or putting the head out of the window.

The objects of my invention are to provide a device as mentioned which will present a neat appearance when attached to a window frame; and to provide a device of the character which may be readily adjusted to any angle.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a perspective view of a window reflector embodying my invention in its preferred form, illustrating the same attached to the sill of a window frame, Fig. 2 is a plan view thereof, and Fig. 3 is a view of the reflector seen from behind.

Referring to the drawings, 1—1 indicate reflectors or mirrors fixed in suitable frames. These are arranged at substantially right angles to each other and are adapted to be held outside of a window as shown. A person looking out of the window and into the mirrors, may see up or down the street in both directions. These reflectors may be rigidly fixed each at an angle of about 45° to the frame of the window. However, I prefer to have them adjustable in order to vary the horizontal angle, and also that the reflectors may be turned downwardly to see directly beneath the window. To this end I provide the novel bracket shown in the several figures of the drawings.

2 indicates a stationary member of the bracket, secured to a window sill by screws, 2′. The bracket, 2, comprises a plate portion, 3, which afford means for attaching the device to the sill, and a vertical tubular portion, 4. The portion, 4, forms a sleeve or socket to receive the end of the movable member of the bracket to which the mirrors are attached. The movable member comprises a rod, 5, sleeved in the portion, 4 of the member, 2 and having its upper end bent as shown, forming an offset portion, 6; and a rod, 7, pivotally connected to the offset portion, 6.

The rod, 7 is forked, forming two arms 8—8 which are attached to the mirrors by sockets, 8′. Secured to the rod, 7 is a vertical pin, 7′, upon which are arranged the supporting members for the mirrors. These are formed by a hinge 7″, and the arms, 8—8 hold the mirrors securely against turning on the pin 7′. It is obvious that I may connect the mirrors to the bracket in various ways. Hence, I do not limit myself to this precise structure, but only show and describe the same as one efficient manner of rigidly attaching them thereto.

The pivotal connection between the rod, 7, and the portion, 6, is formed as follows: Rigidly fixed to the end of the rod, 7, is a sleeve, 8, which projects beyond the end of the rod to receive the end of the offset portion, 6. A slot, 9, in the sleeve 8 and a pin 10 in the portion, 6 prevents them from slipping apart.

It will be seen that the mirrors may be readily turned to any vertical angle in order to see directly beneath the window and may be secured in such position by a thumb screw, 11, arranged in the end of the sleeve, 18 to impinge against the portion, 6 of the rod, 5.

The bracket may be swung in the socket, 4 to any desired horizontal angle, and is held by a thumb nut, 12, arranged in the socket, 4 and impinging against the rod, 5.

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

1. In a device of the class described, a window sill, in combination with a bracket attached thereto, a socket formed thereon, a forked arm and mirrors fixed upon the forked end of said arm, substantially as described.

2. In a device of the class described, a window sill, in combination with a bracket attached thereto, a socket formed thereon, an arm pivoted in said socket, a joint in said arm, permitting partial rotation of the outer end thereof on a horizontal axis and mirrors fixed upon the end of said arm, substantially as described.

3. In a device of the class described, a window sill, in combination with a bracket attached thereto, a socket formed thereon, an arm comprising a vertical portion, pivotally mounted in said socket and a horizontal portion forked at the end, and mirrors fixed at the forked end of said horizontal portion, substantially as described.

4. In a device of the class described, a window sill, in combination with a bracket attached thereto, a socket formed thereon, and an arm comprising a vertical portion, pivotally mounted in said socket and a horizontal portion, a joint in said horizontal portion, permitting partial rotation of the outer end thereof on a horizontal axis and mirrors fixed at the end of said horizontal portion, substantially as described.

5. In a device of the class described, a window sill, in combination with a bracket attached thereto, a vertically disposed socket in said bracket, an arm comprising a vertical portion arranged in said socket, a horizontal portion formed of two parts in axial alinement and a sleeve arranged about the contiguous ends of said parts, and rigidly fixed to one thereof, a pin on the other part and said sleeve having a circumferential slot to receive said pin, and a pair of mirrors rigidly fixed at right angles to each other upon the outer end of said arm.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CAMILLA J. JOHNSEN.

Witnesses:
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H. S. AUSTIN.