

(No Model.)

J. J. TAYLOR.

SHUTTER BOWER.

No. 396,442.

Patented Jan. 22, 1889.

Fig. 1.

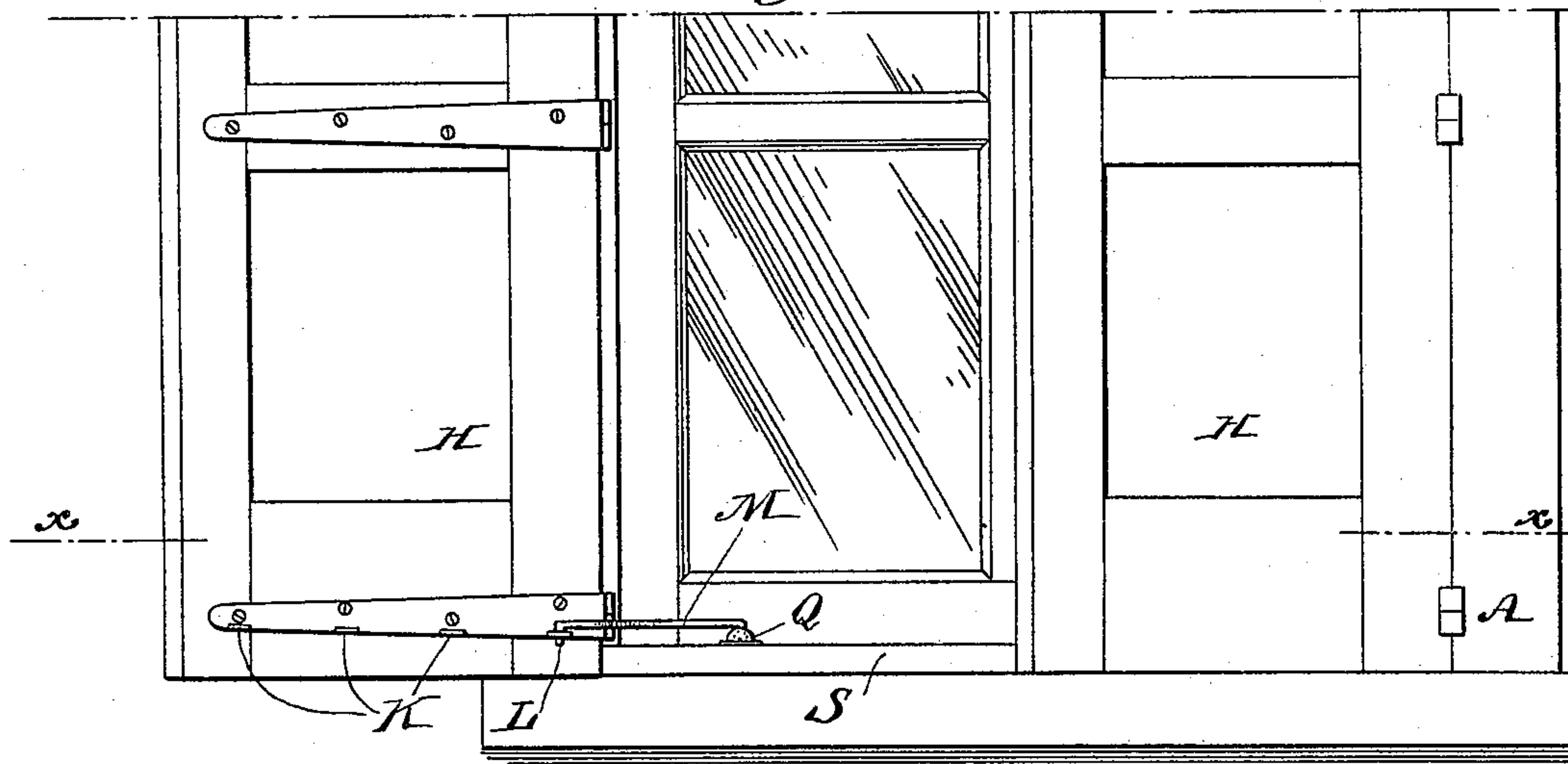


Fig. 2.

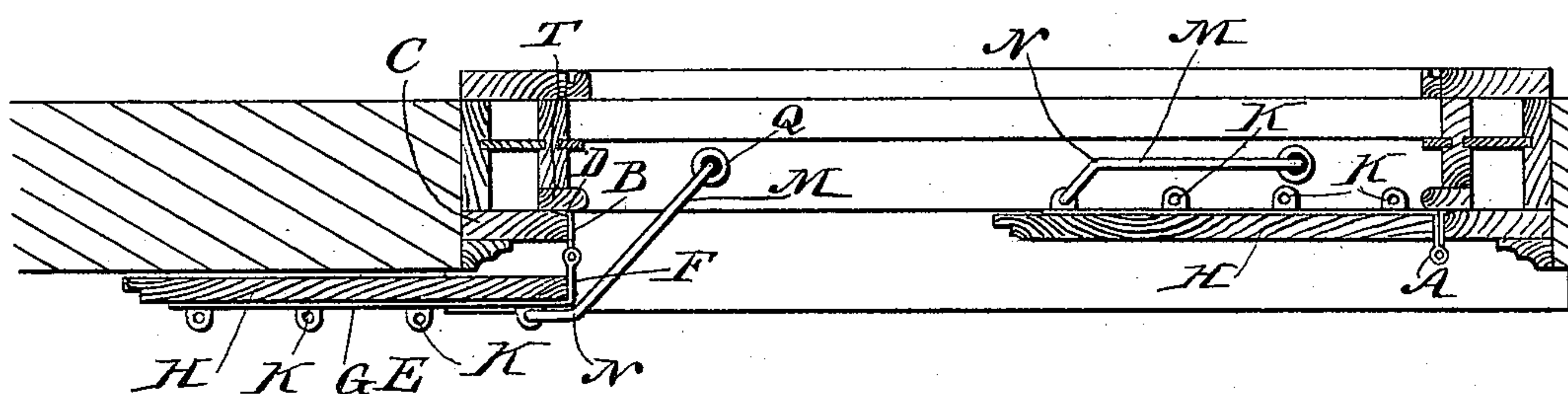


Fig. 3.

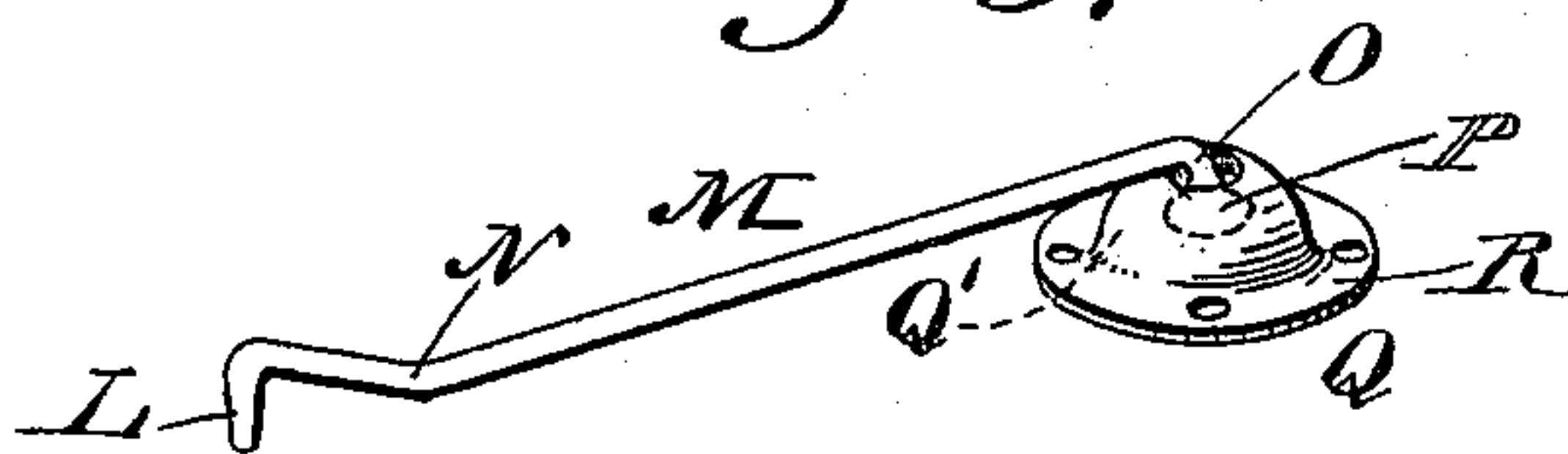


Fig. 4.

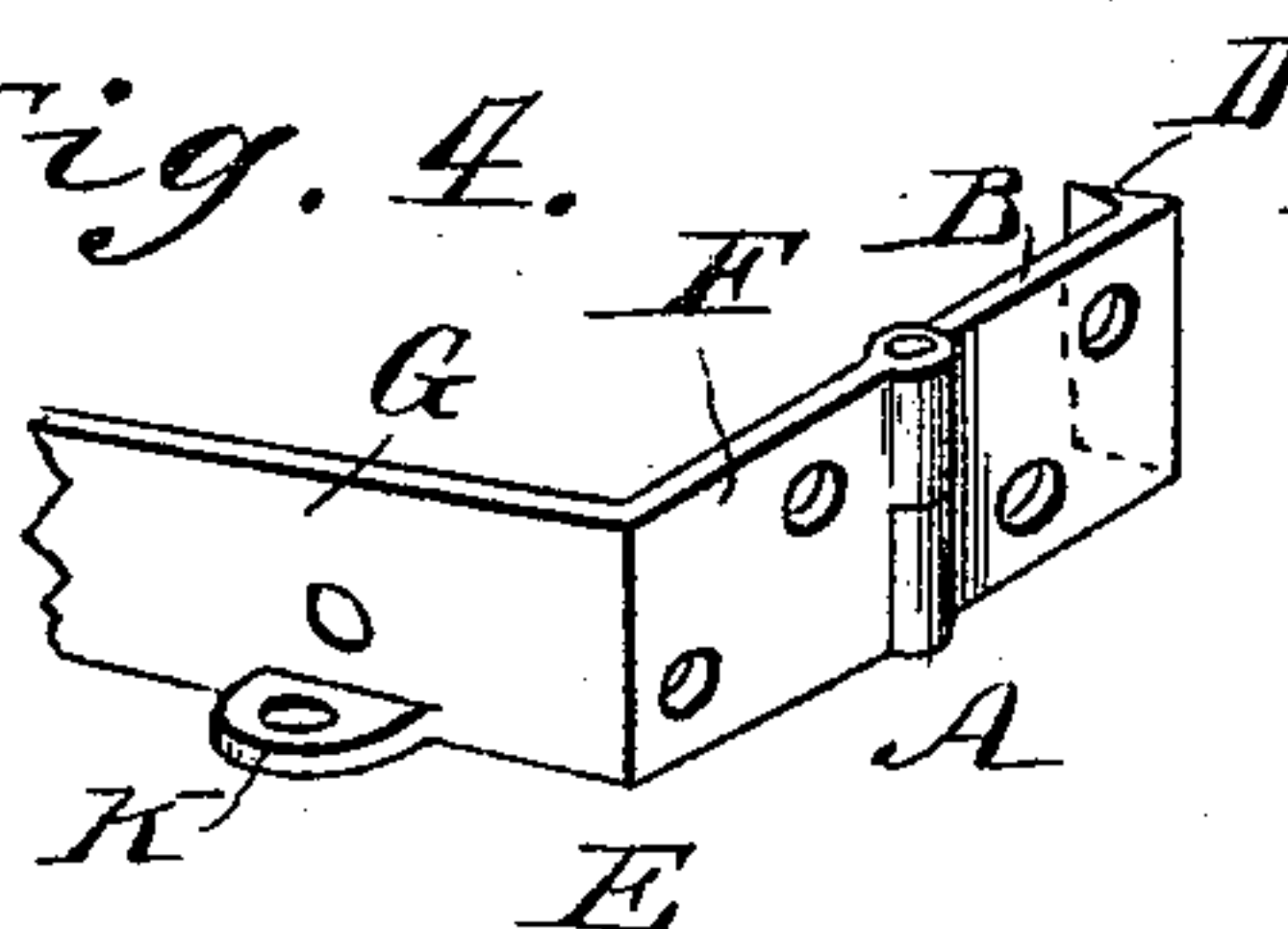
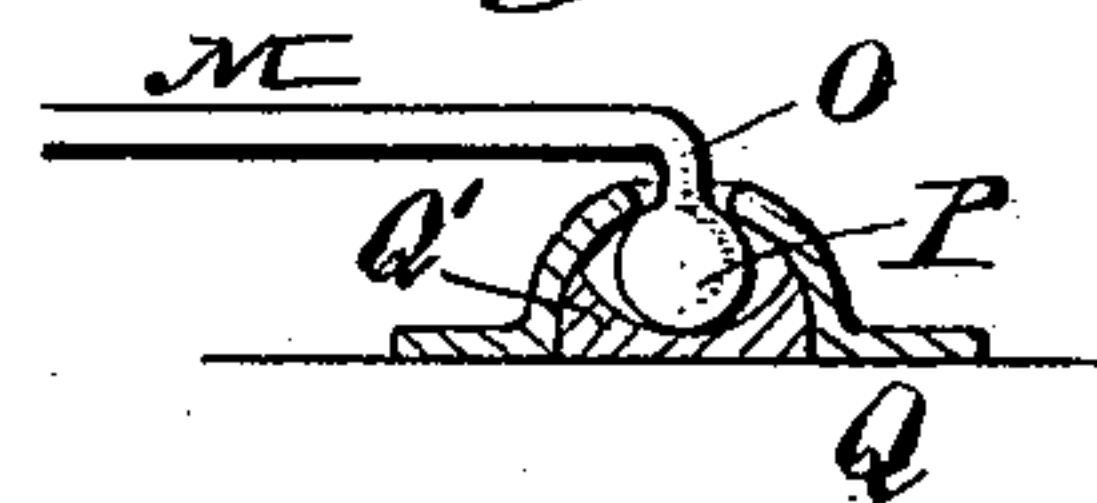


Fig. 5.



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JOHN JOSEPH TAYLOR, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND WILLIAM H. ABBOTT, OF SAME PLACE.

SHUTTER-BOWER.

SPECIFICATION forming part of Letters Patent No. 396,442, dated January 22, 1889.

Application filed March 29, 1888. Serial No. 268,756. (No model.)

To all whom it may concern:

Be it known that I, JOHN JOSEPH TAYLOR, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Combined Shutter Hinges and Holders, of which the following is a full, clear, and exact description.

The object of this invention is to provide a combined shutter hinge and holder which is readily applicable to ordinary windows and shutters, and is simpler, stronger, and more efficient than those ordinarily employed.

The invention consists of a novel construction and combination of parts, substantially as hereinafter fully described and distinctly claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an outside view of the lower part of a window, one shutter of which is open and provided with a combined hinge and holder, embodying my improvement. Fig. 2 is a sectional plan view of the same on the line *xx*, Fig. 1; and Figs. 3, 4, and 5 are views of details hereinafter described.

In carrying my invention into effect, hinges A are formed each with a short straight leaf, B, adapted to be secured to the inner face of the outside window-casing, C, and having a sharpened flange, D, projecting laterally from its inner edge to enter the seam between the outside casing, C, and the sash-casing T, and thus prevent the leaf B from working loose, and with a long leaf, E, of a single piece of metal, jointed to the leaf B, having a short arm, F, adapted to be secured across the inner edge of the shutter, and a long arm, G, bent at right angles to the arm F and having holes for securing it transversely to the inner face of the bottom rail of the shutter H, nearly across which it is adapted to extend.

The arm G is formed integrally along its lower edge with a series of laterally-projecting eye-lugs, K, adapted to receive the tapering downturned end L of a fastening-bar, M, which has a lateral bend, N, just within the end L, to clear the angle of the shutter when open, and on its inner end a downward-turned shank, O, formed with a ball, P.

The inner ball end of the fastening-bar is held in the internal spherical cavity of a socket-plate, Q, which has an oblong slot, Q', in its spherical top to receive the bar M, and a perforated flange, R, by means of which it may be attached to the window-sill S, a bottom socket-plate, Q', being placed below the ball and held within the outer socket-plate, Q, as shown.

The fastening-bar M can be adjusted to any of the eye-lugs K on the arm G so as to lock the shutter in any desired position, and its tapering end L can be wedged into the eye-lug so that it cannot be accidentally loosened.

The upper hinge or hinges of the shutter will be of the same construction as the lower, excepting, of course, the eye-lugs K.

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

A combined shutter hinge and holder comprising the short leaf B, the long leaf E, jointed to the leaf B, bent at right angles to its inner end and formed with integral vertically-apertured lugs along its arm G, the holding-arm M, having a downwardly-extending outer end, L, and an attaching-plate to which the inner end of said arm is pivotally connected, substantially as set forth.

JOHN JOSEPH TAYLOR.

Witnesses:

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JAMES SADLEIR.