

S. Barker,
Lock Hinge,

No 8,933,

Patented May 11, 1852.

Fig. 1.

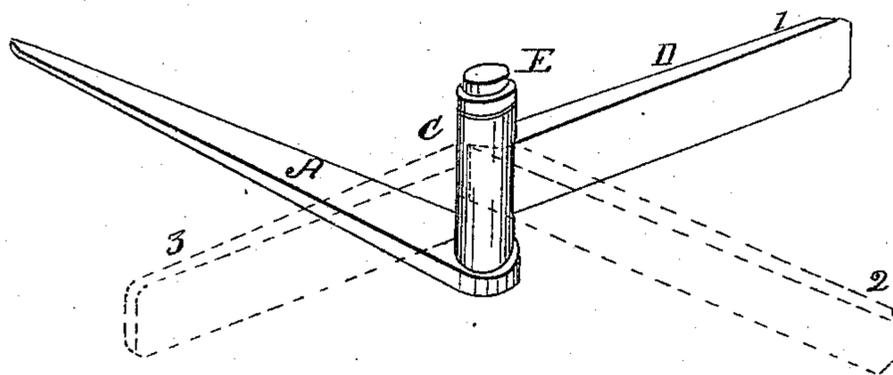


Fig. 2.

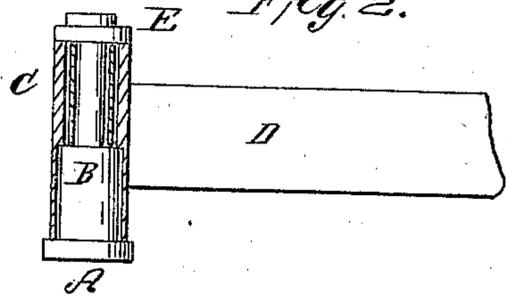
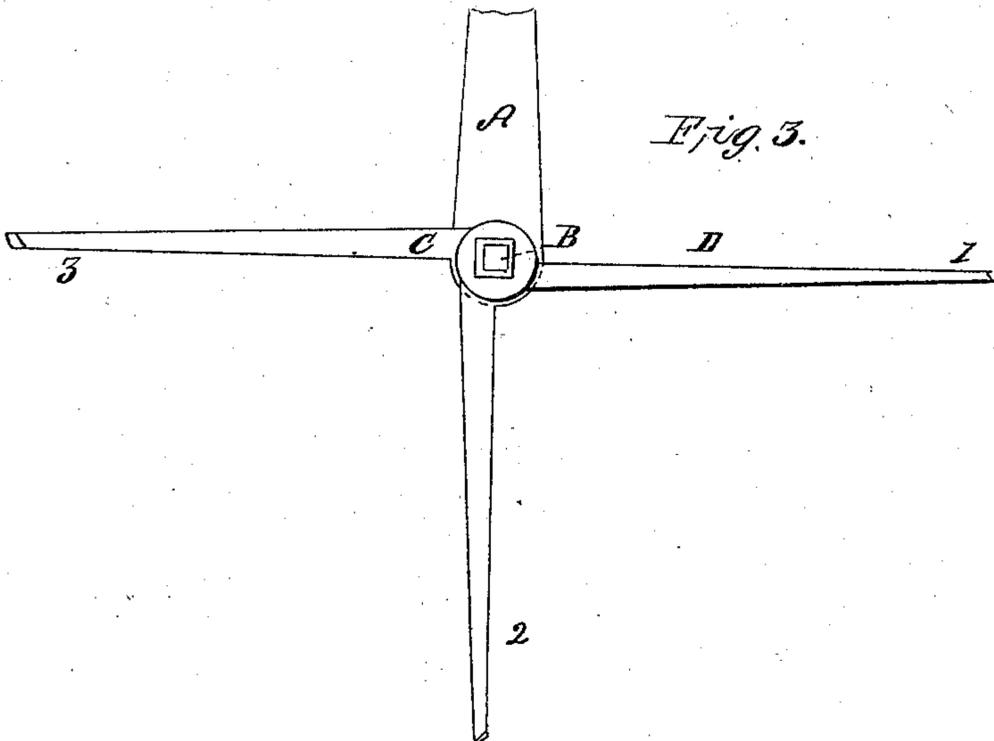


Fig. 3.



UNITED STATES PATENT OFFICE.

SAMUEL BARKER, OF NEW YORK, N. Y.

BLIND AND SHUTTER FASTENER.

Specification of Letters Patent No. 8,933, dated May 11, 1852.

To all whom it may concern:

Be it known that I, SAMUEL BARKER, of the city, county, and State of New York, have invented a new and Improved Fastening for Window-Shutters; and I do hereby declare that the following is a full, clear, and exact description of the construction of the same and the manner in which it is operated, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view. Fig. 2, is a vertical section of the socket and cap taken through the center, the pintle not being bisected. Fig. 3, is a plan, or top view the cap being removed or taken off the pintle.

The same letters of reference indicate corresponding parts in each of the several figures.

The nature of my invention consists in securing or fastening shutters by having the upper portion of the pintle of the hinge of a square or many sided form, and the upper part of the socket (its inner surface) of a corresponding figure a space being between the upper portions of the socket and pintle; a cap corresponding in form to the upper portions of the socket and pintle, fits over the pintle and prevents the socket from turning around it, and consequently the shutters from swinging.

To enable others skilled in the art to construct my improved hinge fastening I will proceed to describe its construction and operation when in use.

A, represents the shank to which the pintle B, is attached, the pintle is cylindrical about one-half its height, the upper portion or half being square see Figs. 2 and 3.

C, is the socket attached to the arm D, the inner surface of the socket is also cylindrical about one-half its height, the upper portion or half being square.

The shank A, to which the pintle is attached is driven into the casement of the window, the arm D, being secured to the shutter and as the shutter is moved the

socket turns around the pintle. There is a space between the square portions of the pintle and socket in which a cap E, fits, see Fig. 2, the cap being over the pintle; the cap is square or corresponds with the shape of the upper portion of the socket and pintle. Now it will be seen that when the cap E, is on the pintle the shutters cannot be moved as the cap prevents the socket from turning around the pintle.

Suppose that in Fig. 1 the shutter is closed, now when the arm D, is in the position represented by dotted lines 2, the shutter is one-half open and when in the position shown by dotted lines 3 it is entirely open; the shutter can only be secured in these three positions viz closed, one-half open and wholly open that is, if the square form is used for the portions of the pintle socket and cap, but if instead of a square a hexagon or octagon form be used the shutter may be secured in a greater number of positions at one-quarter open one-half open, etc.

It is of course understood that when the shutter is to be opened or closed the cap is withdrawn or taken off the pintle and replaced when it is desired to secure it.

Having thus described the nature of my invention and the manner in which it is operated, what I claim as new and desire to secure by Letters Patent is—

The method of securing or fastening window shutters by having the upper portion of the pintle B, of the hinge of a square, or other many sided form and the upper portion of the socket C, of a corresponding shape a space being between the socket and pintle to receive the cap E, which corresponds in shape to the upper portion of the pintle and socket and fits in the pintle and in the socket securing or fastening the shutter as herein specified.

SAML. BARKER.

Witnesses:

A. R. HAIGHT,
S. H. WALES.