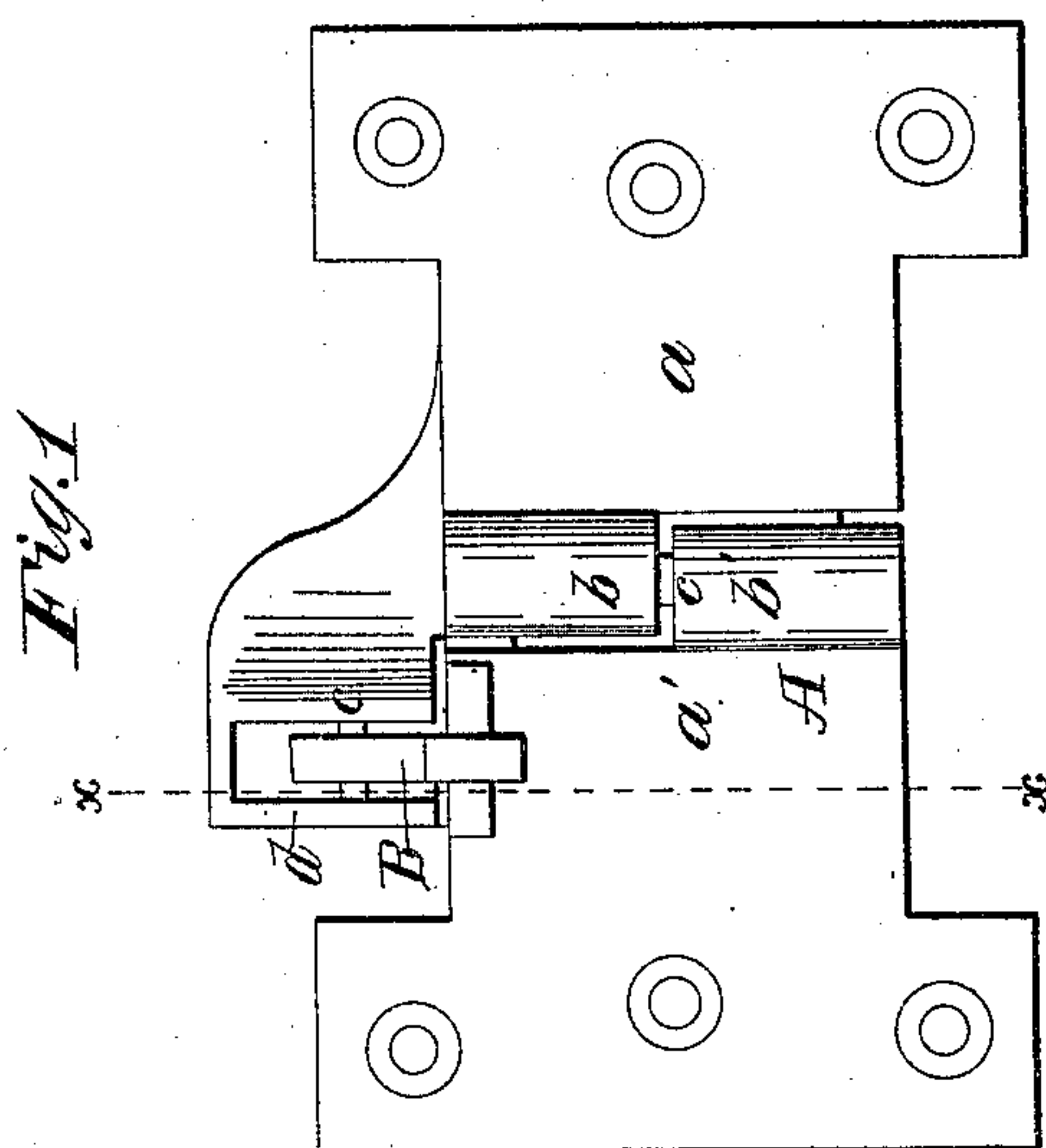
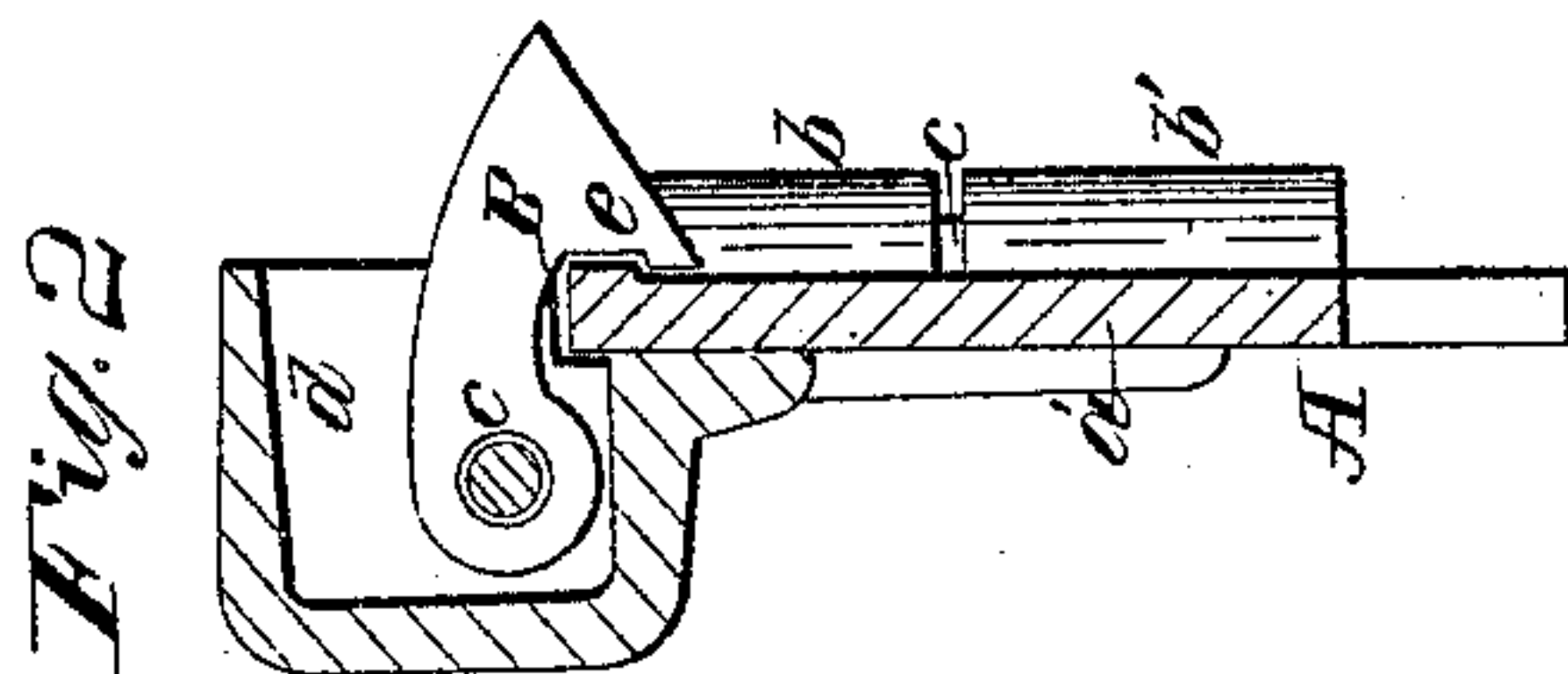


W. S. Gerard,

Lock Hinge.

N^o 50,239.

Patented Oct. 3, 1865.



Inventor:

W. S. Gerard
By J. M. H. Co.
Attys

Witnesses:

Wm. Brewin
Geo. Dusch

UNITED STATES PATENT OFFICE.

WESSELL S. GERARD, OF NEWBURG, NEW YORK.

COMBINED SHUTTER HINGE AND FASTENING.

Specification forming part of Letters Patent No. 50,239, dated October 3, 1865.

To all whom it may concern:

Be it known that I, WESSELL S. GERARD, of Newburg, in the county of Orange and State of New York, have invented a new and Improved Combination of a Shutter Hinge and Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a face view of my invention; Fig. 2, a vertical section of the same, taken in the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention consists in combining a fastening with a shutter-hinge in such a manner that the shutter when thrown open will be secured in an open state, and the fastening be capable of being readily adjusted, so as to release the shutter and admit of its being closed.

A represents the hinge, which may be an ordinary butt-hinge. *a a'* represent the leaves; *b b'*, the eyes, and *c* the pintle.

The leaf *a* has a socket, *d*, at its upper part, said socket extending a trifle over the leaf *a'* at right angles, and having within it a catch, B, secured on a rod or pivot, *e*. This catch B is allowed to rise and fall freely within the socket *d*, and when down catches over the upper edge of the leaf *a'*, as shown in Fig. 2. The leaf *a* is secured to the window-casing, and the leaf *a'* is secured to the shutter, and conse-

quently when the shutter is thrown open the leaf *a'* will pass under the catch B, raise it, and pass behind its shoulder *e*, the catch falling as soon as the leaf *a'* passes behind said shoulder.

In order to close the shutter, the catch B is simply raised, so that the shoulder *e* will be above the upper edge of the leaf *a'*.

The outer edge of the socket *d* serves as a bearing for the shutter when the latter is fully open, as clearly shown in Fig. 2, and it will be seen that the catch B, when arranged as shown, serves as a very efficient fastening, it being protected from the weather and not liable to be rendered inoperative by paint, as the latter need not enter the socket.

I am aware that shutter-hinges have been previously constructed with fastenings, but they have not been generally adopted, owing to their liability to get out of repair and being very difficult to adjust or operate when covered with paint applied when the shutter is painted—difficulties fully obviated by my improvement.

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

The catch or fastening B, when fitted within a socket, *d*, and applied to a shutter-hinge substantially in the manner herein shown and described.

WESSELL S. GERARD.

Witnesses:

ABRAM S. CASSEDY,
JNO. B. J. FENTON.