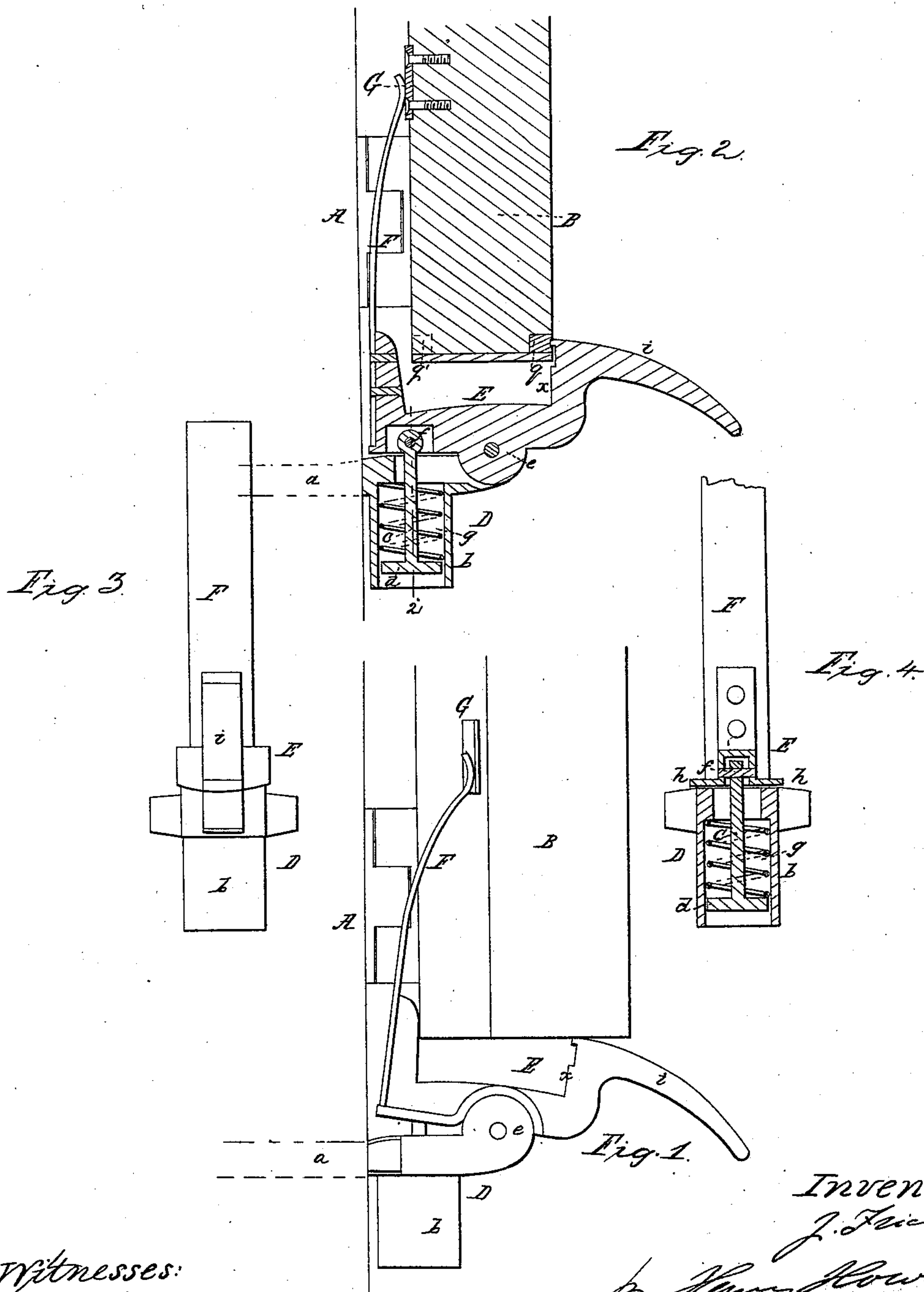


J. Frick,
Shutter Fastener.

N^o 41,064.

Patented Jan. 5, 1864.



Witnesses:
W. Albert Steel.
C. E. Foster.

Inventor
J. Frick
per Henry Howson
Att'y

UNITED STATES PATENT OFFICE.

JACOB FRICK, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN BLIND AND SHUTTER FASTENINGS.

Specification forming part of Letters Patent No. 41,064, dated January 5, 1864.

To all whom it may concern:

Be it known that I, JACOB FRICK, of Philadelphia, Pennsylvania, have invented an Improved Shutter-Fastener; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My improved shutter-fastener, which is fully described hereinafter, has been designed with the view of holding a shutter near the wall, of preventing the disagreeable rattling which is common to shutters held by ordinary fasteners, and of causing the shutter to be projected outward and turned on its hinges toward the window when released from the fastener.

In order to enable others to make and apply my invention, I will now proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a side view of my improved shutter-fastener; Fig. 2, a sectional view; Fig. 3, a front view; and Fig. 4 a section on the line 1 2, Fig. 2.

Similar letters refer to similar parts throughout the several views.

The line A represents the front of the wall to which the shutter is secured, and B the edge of the shutter.

The fastener consists of the two main parts D and E, joined together by a pin, *e*, the part D having a shank, *a*, (shown by dotted lines,) which is driven into the wall, and having a hollow cylindrical projection, *b*, within which is a rod, *c*, connected by a pin, *f*, to the piece E at a point distant from the pin *e*. The rod *c* terminates at the lower end in a disk, *d*, against which the spiral spring *g* bears, and thereby serves to depress the rear of the piece E, and to maintain it in contact with the piece D in the position shown in Fig. 2. It will be observed, on reference to Fig. 4, that the piece E is furnished with lips or flanges *h h*, which cover the cylindrical projection *b*, and prevent rain and snow from gaining access to the interior and injuring the spiral spring *g*. To the rear of the piece E is secured a bent spring, F, which bears against a plate, G, at the back of the shutter B. The front part of

the piece E consists of a rounded projection, *i*, which terminates at the shoulder *x*, against which the front of the shutter B is caused to bear by the spring F.

One of the main objects of my invention has been to prevent the disagreeable rattling to which shutters are liable when secured by ordinary fasteners. The spring F maintains the shutters at a distance from the wall and in contact with the shoulder *x*, so that it would require more than an ordinary high wind to cause the shutter to rattle in its fastener. Whatever tendency the shutter may have in extreme cases to force back the spring and rattle against the shoulder *x*, the noise which would otherwise be caused is obviated by the introduction of a piece of cork or gum-elastic, *q*, into the shutter at the point where it bears against the shoulder. A similar piece of cork, gum-elastic, or other like material may also be inserted into the shutter at *q'*.

Another advantage of my improved shutter-fastener is this—that the moment the rounded projection *i* is depressed, the spring F, acting on the rear of the shutter, pushes the latter away from the wall and turns it to a position in front of the window, thereby obviating the necessity for pulling the shutter round on its hinges.

I claim as my invention and desire to secure by Letters Patent—

1. The pieces D and E, constructed, joined together, and operating substantially as described, for the purpose specified.

2. The piece D, with its hollow cylindrical projection *b*, spiral spring *g*, and rod *c*, connected to the piece E and having a disk, *d*, the whole being arranged for the depression of the piece E to the piece D, substantially as set forth.

3. The spring F, secured to the piece E, for operating on the shutter, substantially as described.

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

JACOB FRICK.

Witnesses:

HENRY HOWSON,
JOHN WHITE.