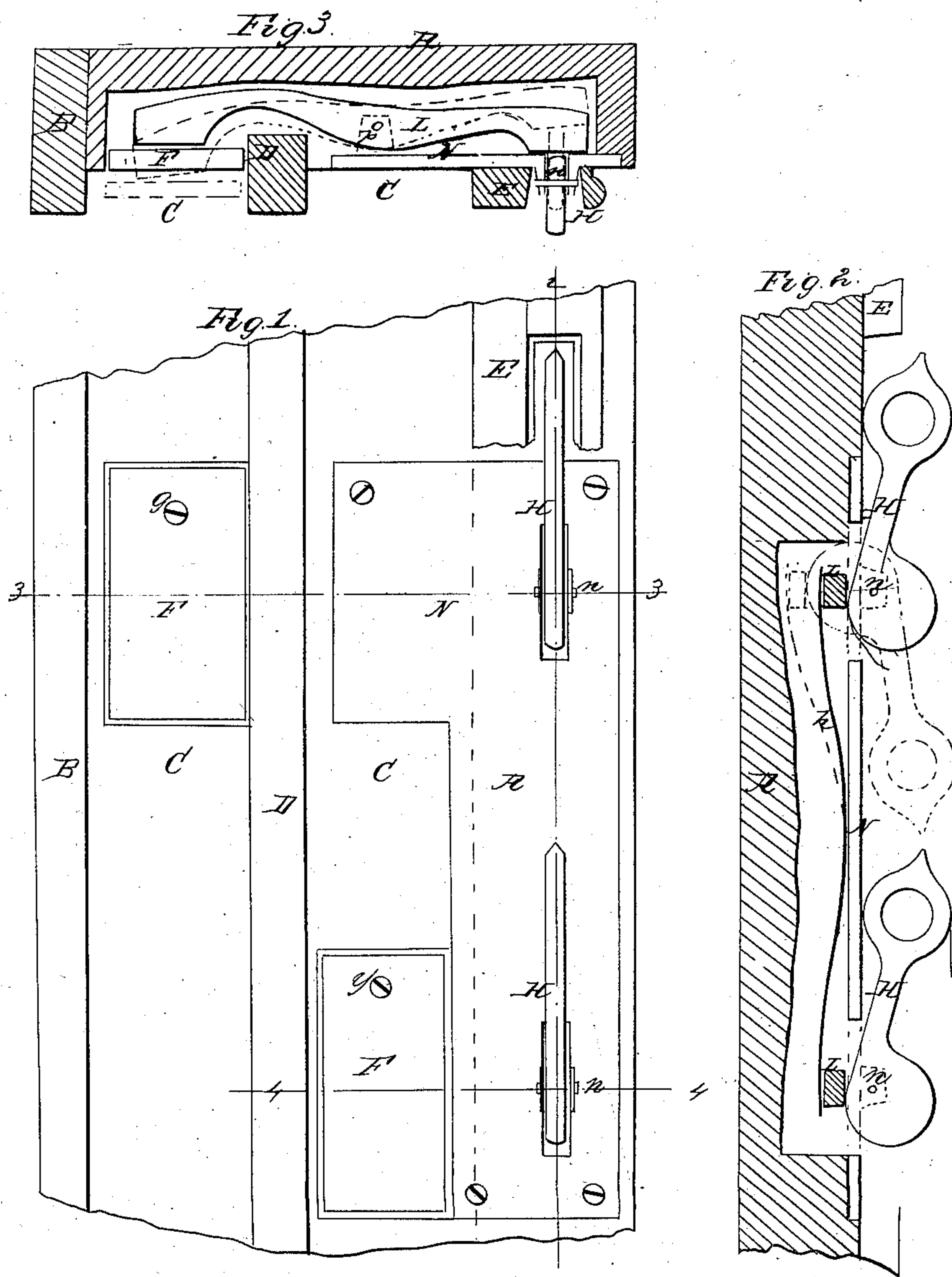


H. T. Standard,

Sash Holder.

N^o 32,657.

Patented June 25, 1861.



Witnesses
Willard Edmonds
John Dixon

Inventor
Henry T. Standard

UNITED STATES PATENT OFFICE.

HENRY T. STANARD, OF WAYNE, MICHIGAN.

SASH-HOLDER.

Specification of Letters Patent No. 32,657, dated June 25, 1861.

To all whom it may concern:

Be it known that I, HENRY T. STANARD, of Wayne, in the county of Wayne, in the State of Michigan, have invented a new and useful Machine for Fastening Window-Sashes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings; making a part of this specification, in which—

Figure 1; is an elevation of that part of the jamb of the window frame to which the fastening is applied, being that part where the two sash meet; Fig. 2; is a vertical transverse section through the line 2, 2, Fig. 1, Fig. 3; is a horizontal section through line 3, 3, Fig. 1.

Similar letters of reference indicate corresponding parts in the figures.

This invention consists in fastening sash by pressing any elastic substance firm against the sash, operated by means of a lever and cam as will be hereinafter described.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation.

In the drawing A, represents the jamb or pulley stile; B, the blind stop; C, C, the ways for the sashes; D, the parting strip between the sash; E, inside stop (a part of which is removed,) F, is a piece of any elastic substance let into the jamb and fastened with a screw at one end, at *g*; N, is a metal plate with projections in front, in which is hung the cams, H, H, which turn freely on the pins *n, n*; there are other projections upon

the back of plate N, in which is hung the lever L, to turn freely on pin *p*, Fig. 3; H, H, Fig. 2, are cam-shaped levers that turn freely on the pins *n, n*, and work through the slot in the plate N, and act upon the lever L; *h*, is a spring to keep the cams and lever in place.

The operation of the several parts herein above described is as follows: After placing the sash in the required position, turn the handle of the cam down as shown by the red lines in Fig. 2; this acts upon the lever L, bringing it in the position shown by the red lines in Fig. 3, pressing the elastic substance firm against the sash; thereby holding it firm in its position, when the handle H, is again brought to an upright position the spring *h*, acts upon the lever L, and the elastic substance recedes to its seat in the jamb allowing the sash to move freely up or down. To regulate the degree of pressure against the sash; the elastic substance may be thicker or thinner as the case may require. A horizontal section through line 4, 4, Fig. 1, is the same in principle as the one shown at Fig. 3.

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

The cam H, lever L, and elastic substance F, all arranged and operating as herein specified.

HENRY T. STANARD.

Witnesses:

WILLARD EDMONDS,
JOHN DOLSON.