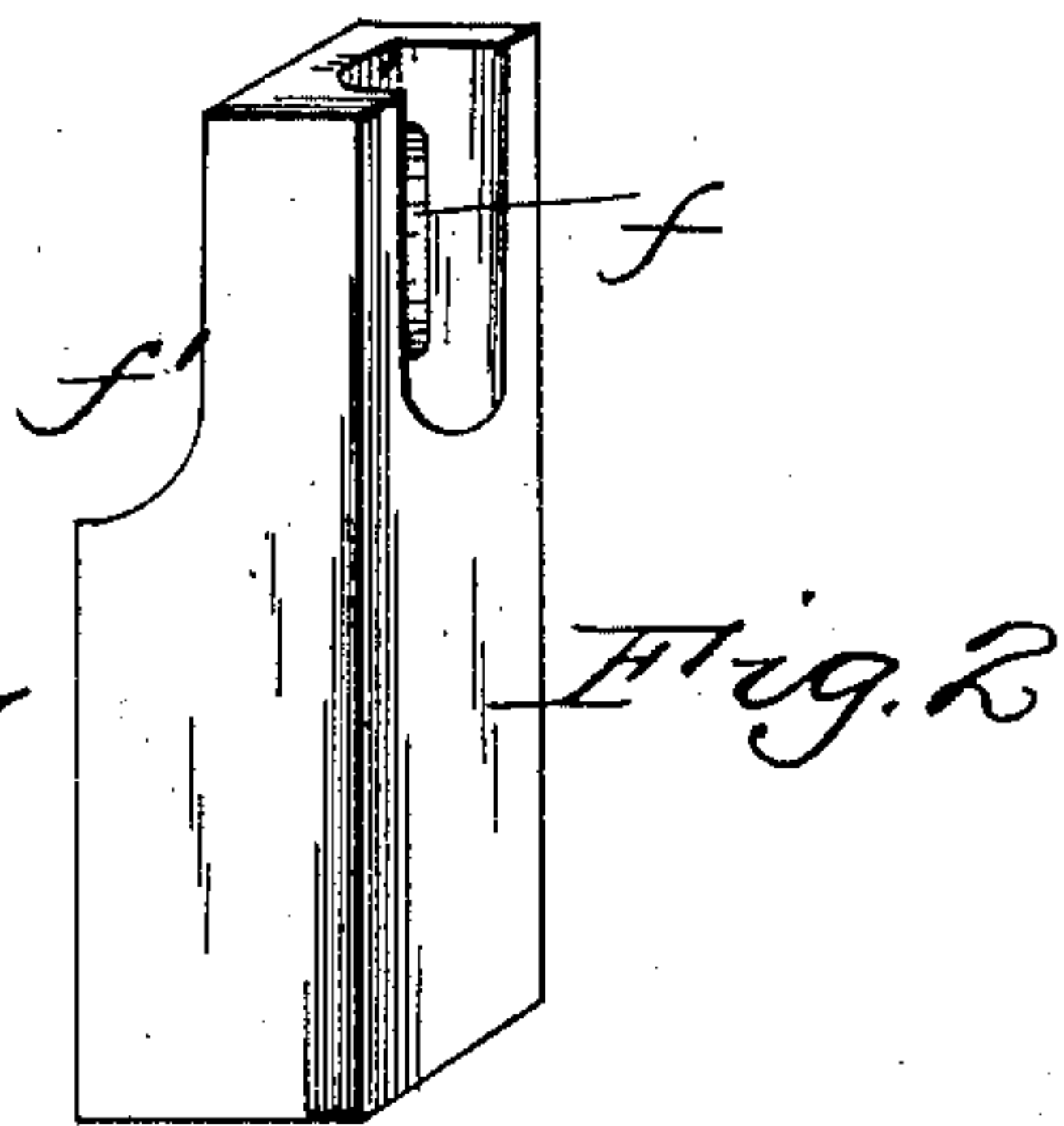
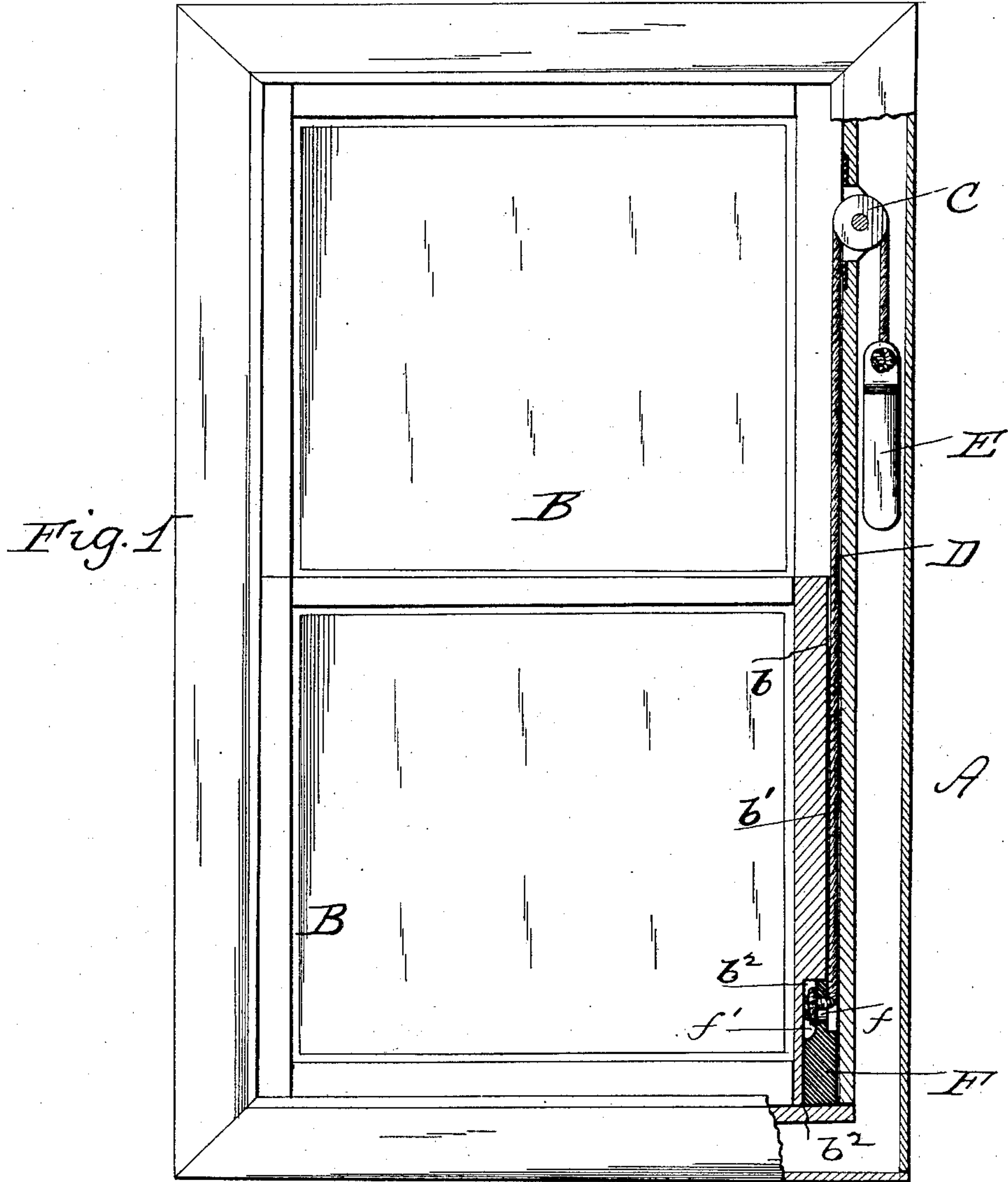


(No Model.)

S. LAND.
SASH CORD FASTENER.

No. 327,276.

Patented Sept. 29, 1885.



WITNESSES:
George W. Selzer
Lancey G. Walker

INVENTOR
Silas Land
Allen M. Langens
ATTORNEY

UNITED STATES PATENT OFFICE.

SILAS LAND, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO JOHN H. RATHIEN, OF SAME PLACE.

SASH-CORD FASTENER.

SPECIFICATION forming part of Letters Patent No. 327,276, dated September 29, 1885.

Application filed May 21, 1885. (No model.)

To all whom it may concern:

Be it known that I, SILAS LAND, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and
5 valuable Improvement in Window-Cord Adjusters; 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,
10 making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 is an elevation, partly sectional, of a window frame and sash, showing cord-fastener embodying my invention; and Fig. 2 is a
15 perspective of the block or holder for fastening the end of the cord to the sash.

My invention has relation to sash-cord fasteners for the sashes of window or other frames; and it has for its object to provide a simple
20 and inexpensive device for fastening the cords to the sashes, whereby the cords are secured to the sashes without necessitating their removal from their frames or supports, or without removing the inside and parting beads of
25 the frames.

My invention accordingly consists of a block of metal or other suitable material having an eye or opening in its upper end for the passage of a cord and a recess back of said eye
30 to form a cavity for the reception of a knot formed on the cord, said blocks fitting in a groove or cavity at the lower end of the side edges of the sash and abutting against the upper edge of the groove or cavity to sustain
35 itself in position on the sash and fasten the cords thereto in such manner that when the cords break the blocks can be removed and the cords refastened, repaired, or otherwise manipulated to be refastened to the sash without removing it from the frame, and as herein-
40 after more particularly described and claimed.

In the drawings, A represents a window-frame having sashes B and pulleys C for the usual or well-known sash-cords, D, provided
45 with weights E, as shown. The side edges, b ,

of the sashes B are grooved, as shown at b' , from top to bottom, and at the bottom of said edges is formed a wide and deep recess or cavity, b^2 .

F represents a metal or other block having 50 an eye or opening, f , back of which the block is cut away to form a recess, f' . These blocks are of such size that they first fit snugly in the recesses or cavities b^2 at the bottom of the sash-edges. Before being inserted therein, 55 however, the sash-cords D are passed through the eyes f of the blocks and knotted or otherwise fastened to said blocks, said knots resting in the recess f' back of the eyes f . These blocks are inserted into the sash-cavities b^2 , 60 and thereby fasten the cords to the sashes. The cords D pass up through the edge grooves, b' , and over pulleys C in the well-known manner.

It will be noted that the outer and lower 65 sides of the blocks F are flush with the side and bottom edges of the sashes, and that said blocks are loosely held in position in the sash-recesses b^2 by the sash cords and weights, so that if at any time a sash-cord breaks the 70 block F attached thereto tends to fall out of its sash-recess b^2 for easy withdrawal therefrom, for attachment of a new cord, or for other purposes; and this can be done without removing the beads of the frame or the sash 75 from the latter.

What I claim is—

An angular sash-cord fastener, substantially as described, adapted to rest at the bottom and lower side of a groove extending along 80 the side of the sash, whereby it may be removed without taking out the sash or stay-bead, as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence 85 of two witnesses.

SILAS LAND.

Witnesses:

CHAS. F. VAN HORN,
GEORGE W. SELTZER.