(No Model.)

M. L. NIX & S. McCLELLAND.

SASH HOLDER.

No. 271,905. Patented Feb. 6, 1883.

Fig. 1.

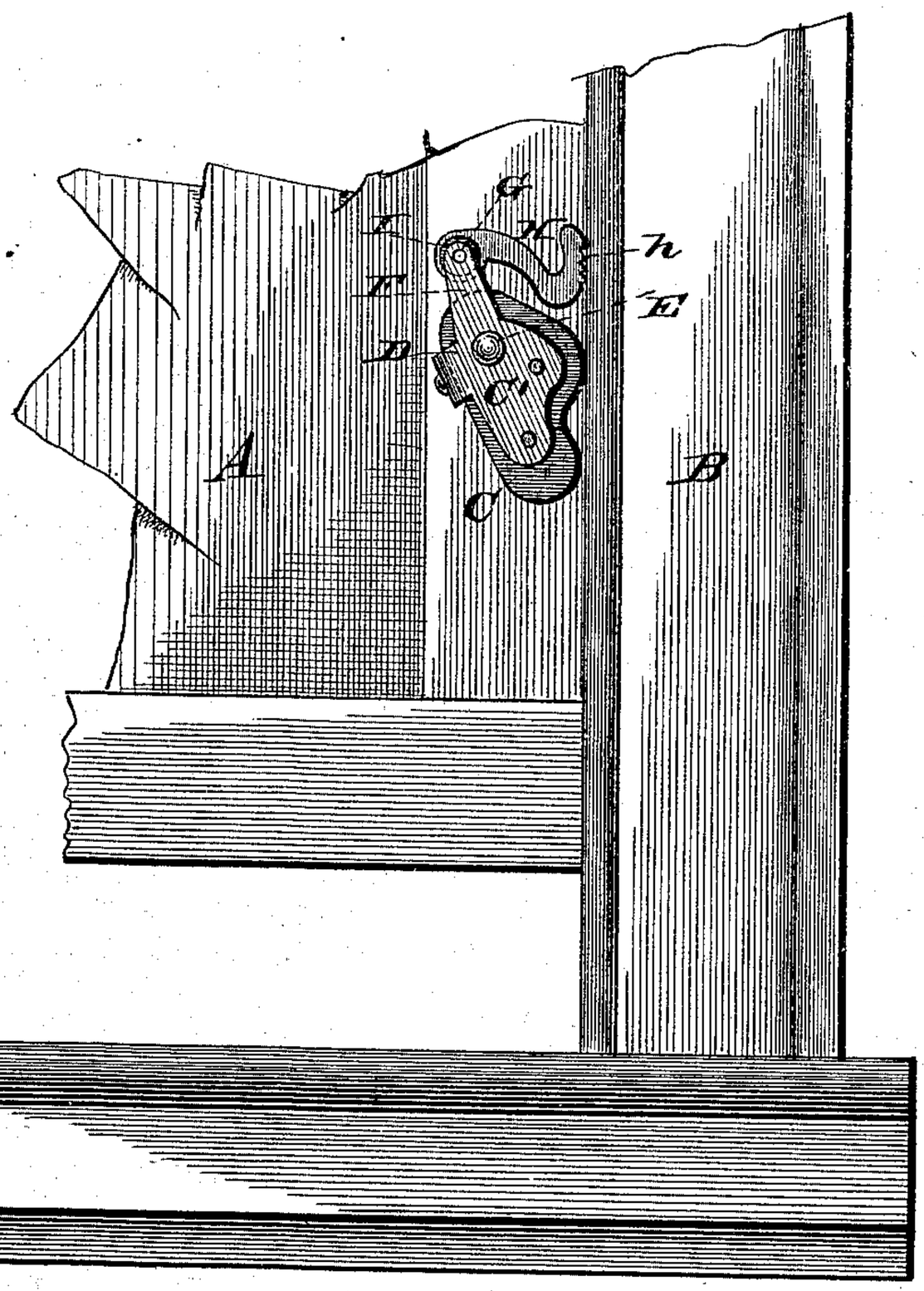
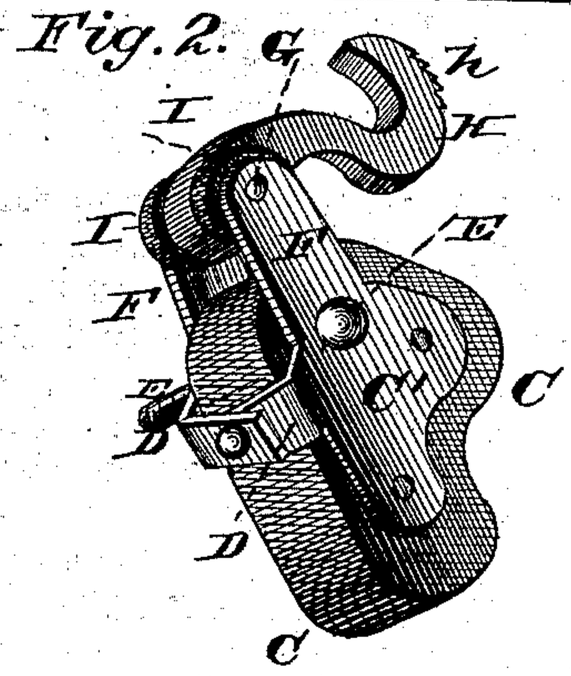


Fig. 2.



Witnesses:
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Inventors:
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UNITED STATES PATENT OFFICE.

MANNING L. NIX AND STEPHEN McCLELLAND, OF PARIS, TEXAS.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 271,905, dated February 6, 1883.

Application filed July 1, 1882. (No model.)

To all whom it may concern:

Be it known that we, M. L. NIX and STEPHEN McCLELLAND, citizens of the United States, and residents of Paris, in the county of Lamar and State of Texas, have invented a new and valuable Improvement in Window-Locks; and we 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, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a front elevation, showing the window in a raised position. Fig. 2 is a perspective view of the lock detached.

Our invention relates to that class of sash-holders in which the sash is held at any desired height, and locked when let down by means of a latch pivoted to angular upright wings which are integral with side plates securing the elastic cam, and adapted to impinge and bind upon the window-frame; and the novelty consists, in connection with the elastic cam, of the metallic plates arranged one upon each side of the said cam, and secured thereto by means of a pivotal device; in perforating the upper ends of the plates to receive a pivotal bolt for the latch, and providing the said bolt at each side of the latch within the wings with elastic friction bands or washers, all as will be hereinafter more fully set forth.

In the drawings, A indicates the window-sash, and B the frame, constructed as usual. The cam C consists of a rubber or other elastic block, made either in one piece or of two or more pieces, as may be desired. The sides of this elastic cam are embraced by the metal plates C′, which connect with each other by means of wings D, bent over the edge of the block and secured together by a suitable rivet or screw. This construction is desirable where the cam is composed of two or more layers or sections, although the lips and plates can, if preferred, be all struck from a metal sheet in one piece. The pivot E, upon which the cam turns, passes through the metal plates C of the casing, and is secured in the sash. These plates have each an ear or lip, F, which said ears provide bearings for the pin G, upon which a latch, H, is hung. Elastic washers I are also arranged upon this pin between the latch and the ears of the metal plates. If the cam is turned so as to bind upon the window-frame, it can be locked in such position by turning the latch so as to bring it at about right angles to the frame, with its serrated end *h* against the latter. This will prevent the cam from being turned back, and hence the holder can be fastened and prevented from being accidentally turned. The metal casing thus not only clamps and protects the elastic cam, but also furnishes bearings for both pivot-pins, and allows the latch to be connected with the back corner of the elastic cam-block. It will be evident that without this casing such connection would be impracticable.

Having thus described our invention, what we claim is—

The sash-holder herein described, consisting of the plates C′, provided with upwardly-extending perforated arms F and bent arms D, secured together as shown, in combination with the elastic cam and securing bolt or screw E, the latch H, washers I I, and pin G, all arranged and adapted to operate substantially as and for the purposes specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

MANNING L. NIX.
STEPHEN McCLELLAND.

Witnesses:
S. S. PIERSON,
J. C. GOODGION.