

(No Model.)

N. N. HORTON.

SASH HOLDER.

No. 276,409.

Patented Apr. 24, 1883.

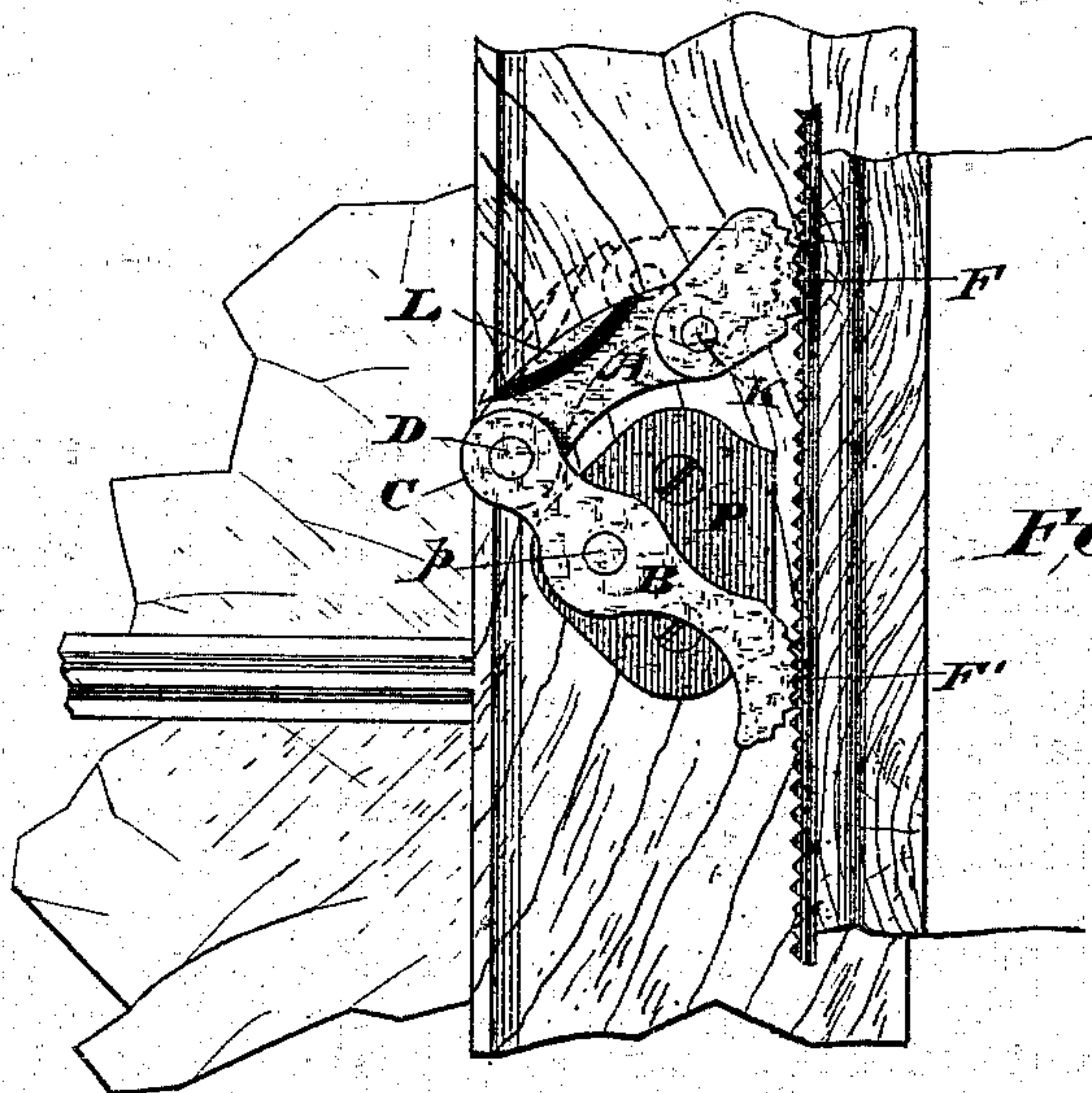


Fig 1.

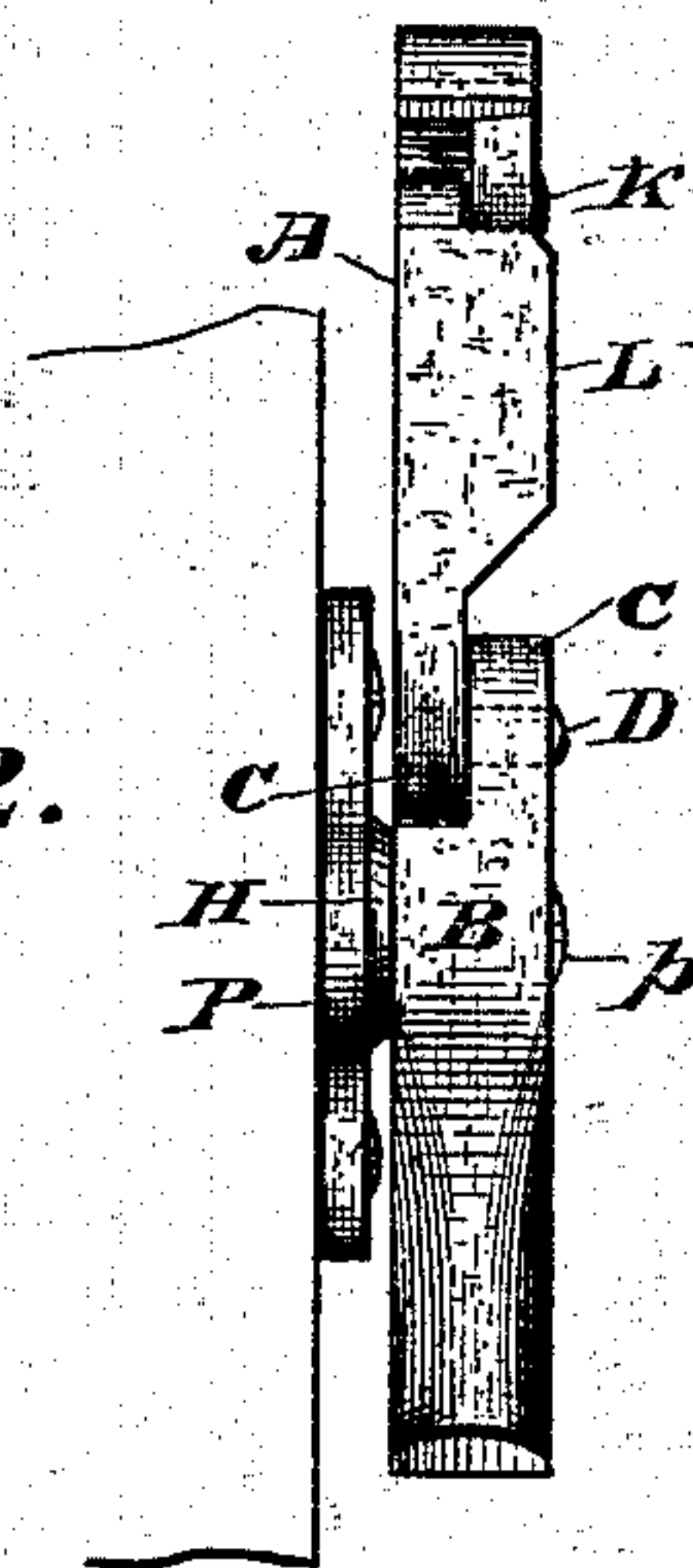


Fig 2.

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UNITED STATES PATENT OFFICE.

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SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 276,409, dated April 24, 1883.

Application filed December 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, NUMON N. HORTON, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a new and Improved Combined Sash-Holder and Locking Device; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 represents a front view of my improved sash-holder in use. Fig. 2 represents a side view, looking toward the window-frame.

My invention relates to an improved sash-holder in which the sash is held at any desired elevation by means of arms or levers hinged together, and provided with suitable bearing-feet so pivoted and attached to the sash that it will crowd or press said sash against its bearings, thereby dispensing with all rattling and disagreeable noises, and shutting out drafts and dust, so frequent and annoying in railway-cars and other conveyances.

My invention consists in means for accomplishing the above results, as hereinafter more particularly described, and pointed out in the claim.

A represents the upper arm of the holder; B, the lower; C, the hinged or pivoted ends, and D the pivoting-pin attaching the aforesaid levers. The upper arm, A, is broken at K, and is provided with a knuckle-joint. In Fig. 1 it will be seen slightly depressed from the center when bearing tightly against the window-frame. The lower arm, B, turns on the hub H of the plate P, and is secured thereto by means of rivet or screw-pin *p*. The plate P is provided with suitable holes, adapting it to be screwed on a window-sash. This plate may be dispensed with and the arm B attached directly to the sash. The portion of the arm B

surrounding the hole for the admission of the screwing-pin *p* is expanded, so as to obtain an even strength throughout the said lever. The bearing-feet F F' of the arms A B are enlarged portions of the same, and the upper one is weighted, the purpose being to make the arms engage with the window-frame more quickly. The bearing-feet may be provided with milled surfaces adapted to engage in a serrated strip, as shown in the drawings; or they may be smooth or pointed, as preferred.

At L is shown a projection to provide means for breaking the knuckle-joint and loosening the holder. When broken it will appear as shown in dotted lines in Fig. 1. When the window-sash is locked and it is desired to raise or lower the same the knuckle-joint K is broken by pressing upward on the projection L. This will disengage the bearing-feet F F', and the window may be changed to the position desired, when by merely letting go the holder it will engage automatically with the window-frame.

I am aware that sash-holders have heretofore been employed consisting of two levers pivoted eccentrically to each other, the lower one of these levers having means of attachment to a sash, and I do not broadly claim this device.

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

A sash-holder consisting of two arms hinged together, one arm being provided with a pivot for attaching it to the window-sash, and the other arm being weighted and provided with a knuckle-joint, substantially as set forth.

NUMON N. HORTON.

Witnesses:

W. C. STEWART,

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