

JOHN ASHCROFT.

Improvement in Devices for Lowering, Raising, and Fastening Sashes.

No. 124,242.

Patented March 5, 1872.

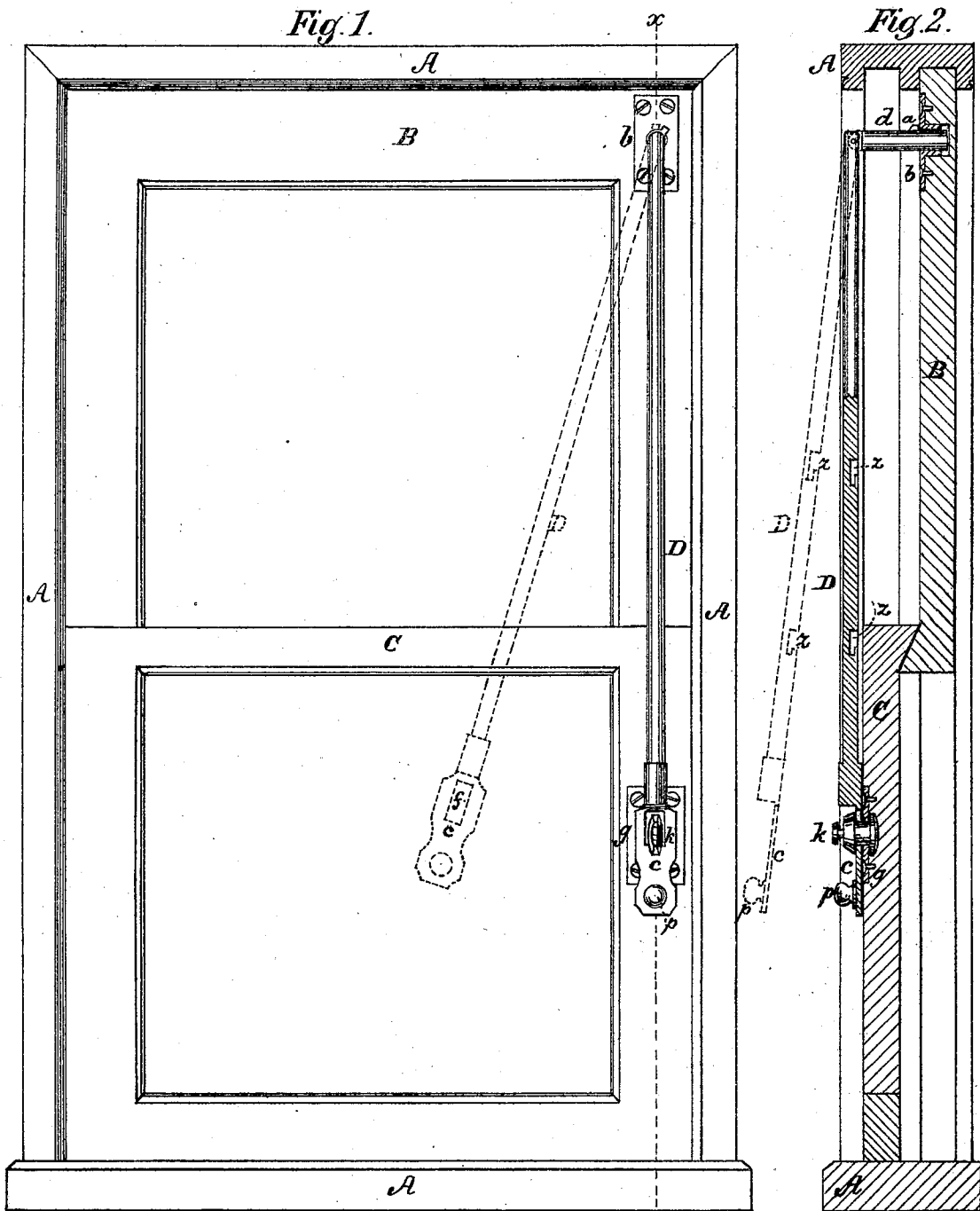


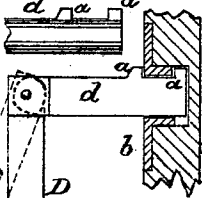
Fig. 3.



Fig. 4.



Fig. 5.



Witnesses:

Fredk. Astor.

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UNITED STATES PATENT OFFICE.

JOHN ASHCROFT, OF BROOKLYN, NEW YORK, ASSIGNOR TO SARAH JANE ASHCROFT, OF SAME PLACE.

IMPROVEMENT IN DEVICES FOR LOWERING, RAISING, AND FASTENING SASHES.

Specification forming part of Letters Patent No. 124,242, dated March 5, 1872.

Specification describing certain Improvements in an Apparatus for Raising, Lowering, and Fastening Window-Sash, invented by JOHN ASHCROFT, of the city of Brooklyn, in the county of Kings and State of New York.

In the drawing, Figure 1 represents an elevation of a window-frame and sash with my attachment. Fig. 2 is a vertical section through the same. Figs. 3, 4, and 5 represent enlarged details of a part of my apparatus.

A is the frame; B, the upper, and C the lower sash, constructed as usual. D is a pendant arm, having a hinged elbow-piece, *d*, with lugs *a*. This arm enters a plate, *b*, at the upper corner of top sash B. It is entered, by preference, in the position shown by dotted lines in Fig. 1, so that, when the arm hangs vertically, the outer lug will be behind the sleeve of plate *b*. (See, in dotted outline, Fig. 3; see also Fig. 5.) At the lower end of the pendant D it is flattened, as at *e*, and this part is slotted as, see, at *f*. On the lower sash C is a plate, *g*, carrying a locking-knob, *k*, over which the slot *f* in pendant D passes, and, turning this knob to the right or left, it locks D. For the better convenience of operating, a knob, *p*, may be at the lower end of D.

To pull down the upper sash, the knob *k* is turned so that D or its end *e* can be released

from knob *k*, as shown in dotted outline in Fig. 2, when the upper sash can be pulled down.

Several recesses, *z*, may be made on the under side of D to slip over *k*, so as to lower the upper sash only so far as desired, and still have it, in a measure, locked.

If desired, there may be a pendant on each side of the sash. It will be seen the pendant D is removable, when the upper and lower sashes can reverse position, or be placed in any relative position to each other.

In case where large or heavy and high sashes are used two pendants may be necessary, and they may be swung toward the center of the sash, as seen in Fig. 1, dotted outline, one or both hands grasping them.

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

An apparatus for lowering, raising, and locking window-sash, consisting of the hinged, elbowed, and swinging pendant D, plates *b* and *g*, the latter carrying a locking-knob *k*, all constructed, arranged, and operated substantially as shown and described, for the purpose set forth.

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