No. 675,440. Patented June 4, 1901.

H. W. DOWNING.

SASH PULL AND PICTURE HANGER.

(Application filed Feb. 11, 1901.)

(No Model.)

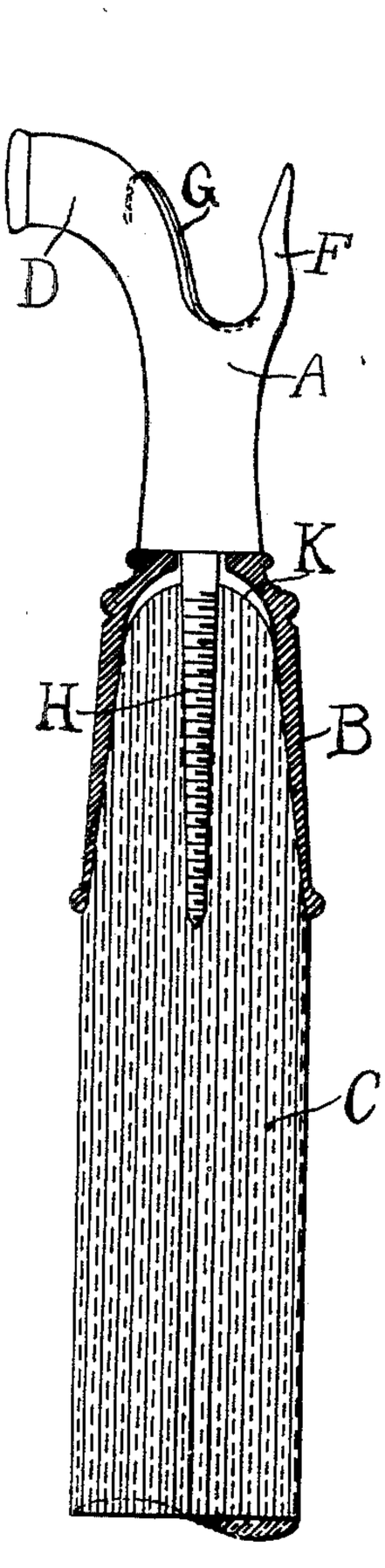

Fig. 1.

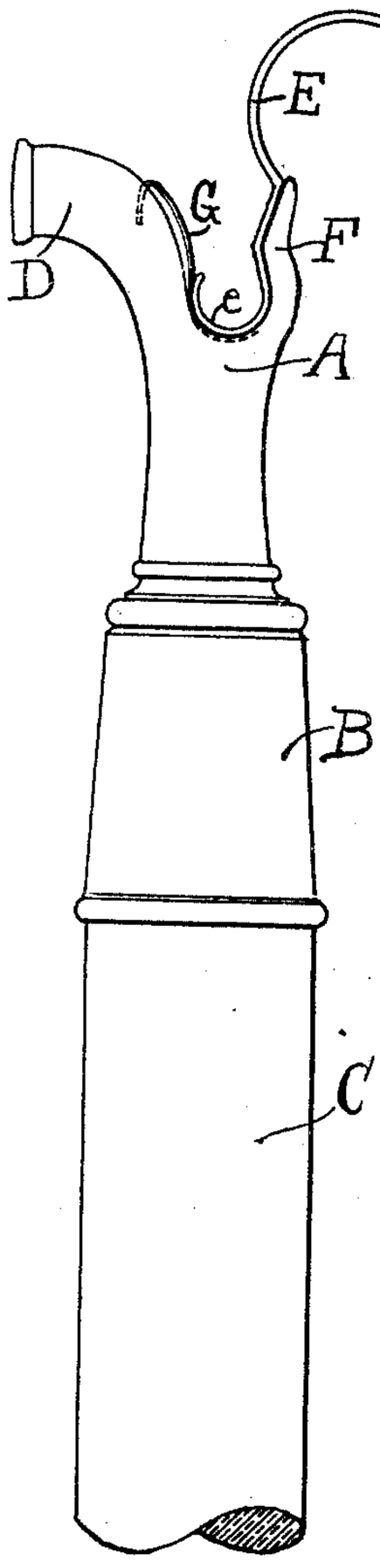

Fig. 2.

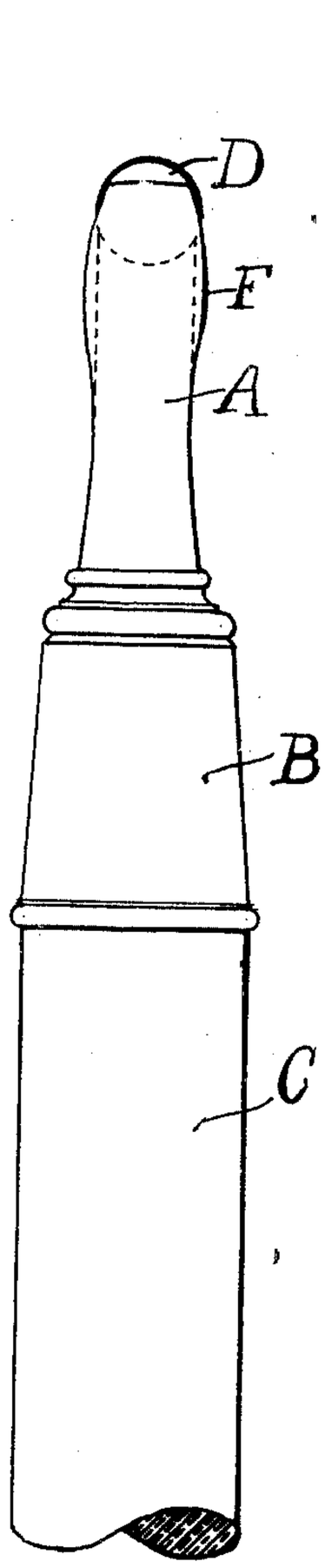

Fig. 3.

WITNESSES:

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HOWARD W. DOWNING, OF OAKLAND, CALIFORNIA.

SASH-PULL AND PICTURE-HANGER.

SPECIFICATION forming part of Letters Patent No. 675,440, dated June 4, 1901.

Application filed February 11, 1901. Serial No. 46,855. (No model.)

To all whom it may concern:

Be it known that I, HOWARD W. DOWNING, a citizen of the United States, residing at 1503 Market street, in the city of Oakland, county of Alameda, and State of California, have invented a certain new and useful Improvement in Sash-Pulls and Picture-Hangers, of which the following is a specification.

My invention pertains to devices for pulling down the top sash of windows and lifting or setting picture-hooks and other articles.

The objects of my invention are, first, to provide an article to be used in the home or place of business by means of which the top sash of windows may be pulled down or pushed up, picture-hooks, with the pictures hung thereon, may be set in place or removed from the picture-molds, and bird-cages, hanging baskets, and other articles out of reach may be lifted in or out of place with ease, and, second, to so simplify the form and construction of such an article that it can be manufactured at a minimum cost. I attain these objects by means of the device illustrated in the accompanying drawings, in which—

Figure 1 is a side view of my invention, the ferrule and staff being shown in section to illustrate the construction of the device. Fig. 2 is a side view of the same, showing a picture-hook set in the fork, and illustrates how the device may be used to hang or remove a picture and hook. Fig. 3 is a view of the back or right side of my invention to illustrate the form of the same.

Similar letters refer to similar parts of the several views.

My invention comprises a metallic fork A, a ferrule B, and a staff C. One arm of the fork is extended in the form shown at D, with a cap-like rim on its end, and is designed to be used as a sash pull-down, it being so formed that it will fit into a sash-socket commonly put in the top rail of the upper sash of windows for this purpose. The form of the fork is so made that a picture-hook commonly used to support pictures on a picture-molding will fit therein, as illustrated by the hook E in Fig. 2. The other arm of the fork is made thin and flat, as shown at F, in order to not interfere with the picture-molding when setting a hook thereon or lifting the same from place, the upper portion of the inside face of said arm being inclined outwardly and the lower portion inclined downwardly and outwardly and then curved inwardly and merging into the curved base between the two arms, thus forming a recess whose walls are shaped to have the flat and curved lower portion of the picture-hook bear against the same.

A spring G, set in the fork, makes the fork adjustable to hooks of various sizes and also serves to hold the hook in place. I do not claim the spring as absolutely necessary to complete my invention, for the fork can be used without it.

In the body of the fork-piece is cast or fixed a screw H, with which the fork is attached to the staff C. The ferrule B is so formed that the staff must be evenly tapered to fit therein, and the screw in being set draws and fixes the fork rigidly to the staff. The staff is fitted a little short of the ferrule, as shown at K, so that in case it becomes loose from shrinkage it may be tightened by turning the screw farther into it. (See Fig. 1.)

I do not limit myself to exact size or form of the fork, the design of the ferrule, nor the length of the staff, but reserve the right to vary each as conditions and economy of manufacture may require.

To hang a picture with my invention, a picture-hook E is set in the fork, as shown in Fig. 2, the picture-cord is placed in the lower end *e* of the picture-hook, and being held taut the hook E is kept in position in the fork while being lifted to the picture-molding on which the top hook of E is fitted and the fork withdrawn. Pictures may be taken down by slipping the arm F under a picture-hook until the fork is adjusted thereto and then lifted from the picture-molding and lowered within reach or carried and rehung in another place.

The device is designed to be used in lifting bird-cages, hanging baskets, and other articles, where without it steps or a step-ladder would be required.

In using the fork as a sash-pull the arm D is inserted in the sash-socket, heretofore described, and the sash pulled down or pushed up, as desired.

The staff C is to be made of suitable length, as conditions may require.

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

1. The within-described implement comprising a tapering ferrule provided with an internal screw to secure it to a staff, and a fork extending from one end of the ferrule and formed to receive between its arms a picture-hook, and a spring in said fork to exert pressure on the picture-hook, substantially as described.

2. The within-described implement comprising two arms forming a fork, one arm of which has its inside face at its upper portion inclined upward and outwardly and at its lower portion inclined downward and outwardly and then merged into the curved base between the two arms, whereby the two arms will form a recess shaped to receive and support a picture-hook, substantially as described.

3. The within-described implement comprising two arms forming a fork, one arm of which and the base of the recess between the two arms are formed to conform to the shape of a picture-hook, and a spring partially filling the space in the recess between the two arms, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

HOWARD W. DOWNING.

Witnesses:

A. A. SAWYER,

GEO. W. AUSTIN.