

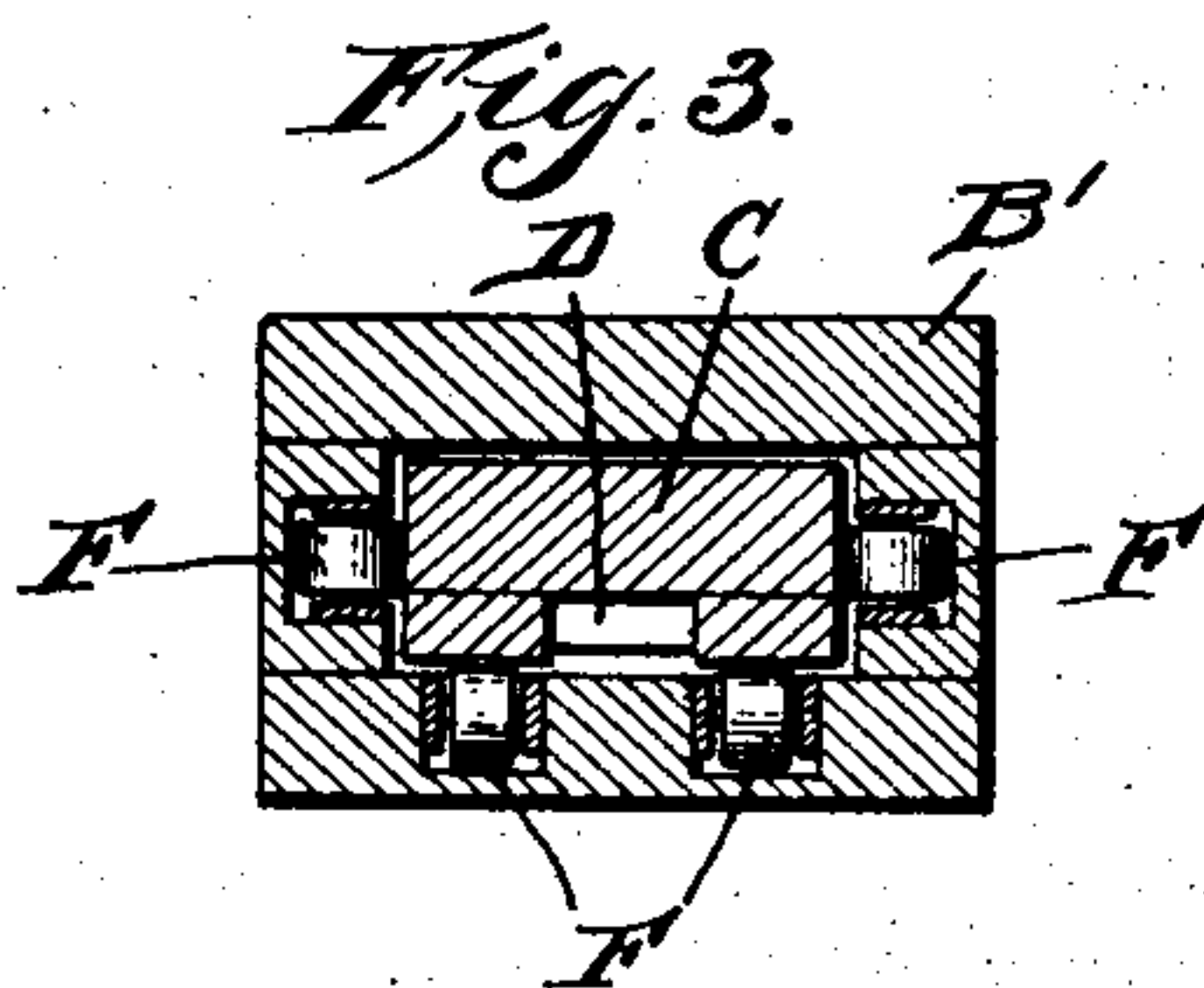
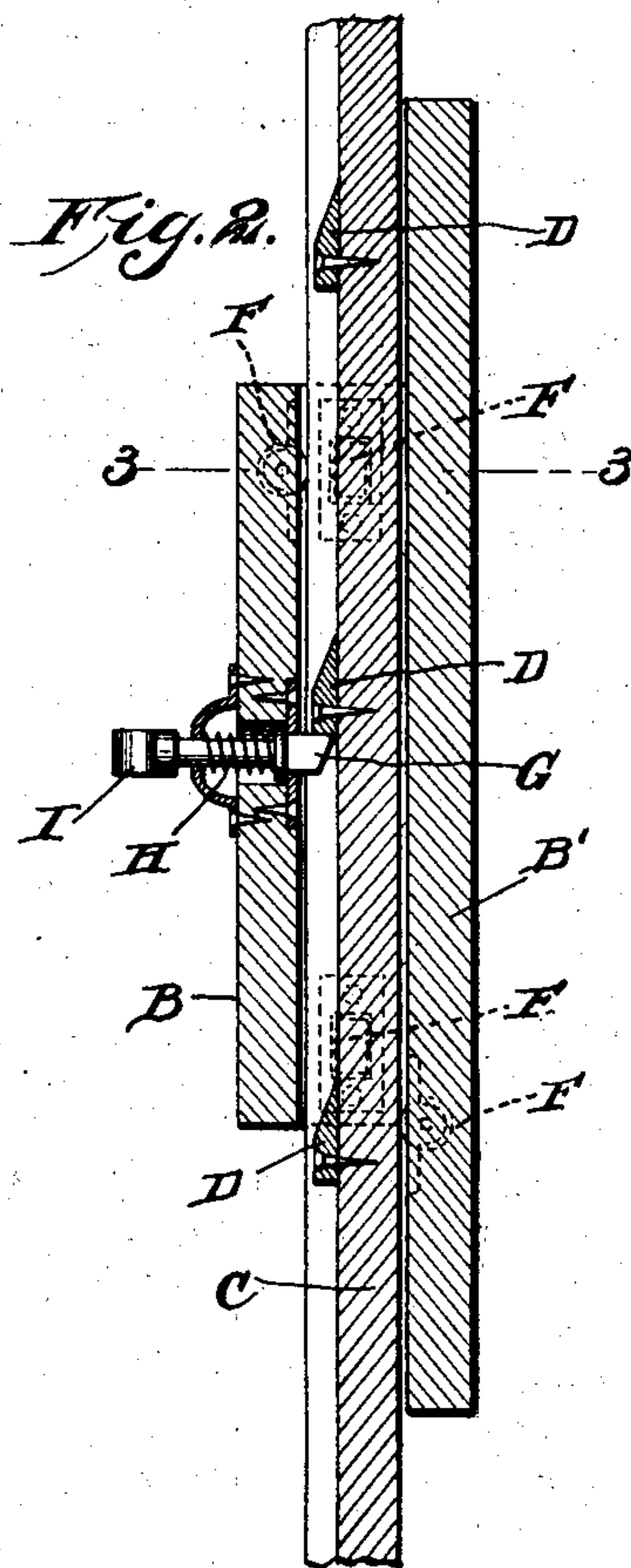
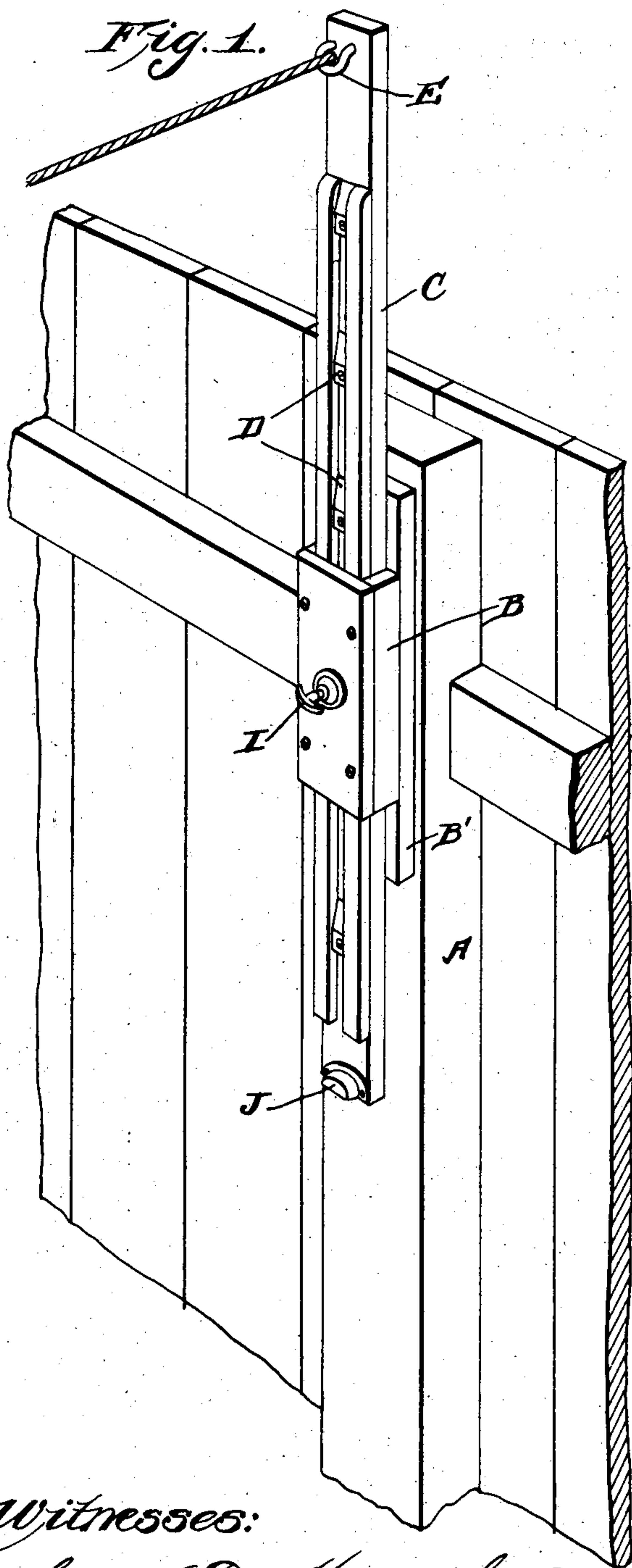
No. 760,199.

PATENTED MAY 17, 1904.

S. D. HARRELL.
ADJUSTABLE CLOTHES LINE SUPPORT.

APPLICATION FILED APR. 23, 1903.

NO MODEL.



Witnesses:

Louis D. Heinrichs
L. H. Morrison

Inventor
Samuel D. Harrell

By his Atty.

W. P. Williams

UNITED STATES PATENT OFFICE.

SAMUEL D. HARRELL, OF PHILADELPHIA, PENNSYLVANIA.

ADJUSTABLE CLOTHES-LINE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 760,199, dated May 17, 1904.

Application filed April 23, 1903. Serial No. 153,922. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL D. HARRELL, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Adjustable Clothes-Line Supports, of which the following is a specification.

My invention relates to a new and useful improvement in clothes-line supports, and has for its object to provide a vertically-moving post to which the clothes-line is attached, so that said post can be set at any height desired and held in such position by an automatic latch.

With this end in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of the clothes-line support attached to a fence-post; Fig. 2, a vertical section through the same; Fig. 3, a section on the line 3 3 of Fig. 2.

A represents the fence-post or other suitable standard to which the support may be attached.

B represents the stationary portion or housing of the support, and the rear portion B' of this stationary portion B is attached to the standard in any suitable manner.

C represents the movable portion slidable in the housing, which movable portion consists of a vertical bar, upon the forward face of which is attached the projections D, beveled upon their upper edge and plain upon their lower edge. To the upper end of this bar C is secured a hook E or other suitable device for attaching the clothes-line, and mounted on the inside of the housing B are the rollers F, said rollers being journaled in recesses, one roller projecting from the inner surface of the rear wall at the bottom of the housing, two rollers projecting from the inner surface of the front at the top of the housing, and rollers

projecting from the inner surfaces of both sides at the top and bottom of said housing.

G is a latch mounted so as to move horizontally within the housing and through the forward portion thereof. This latch is plain upon its upper edge and beveled upon its lower edge and normally lies within the path of travel of the projections D and normally held in such position by means of the spring H, as shown in Fig. 2. A handle I is secured upon the outer end of the shank of the latch.

In operation the support or bar C may be lowered to any position desired by pulling outward upon the handle I, which will withdraw the latch G from the path of travel of the projections D, and then the bar C may be lowered to any position. In order to raise the bar, it is simply necessary to push upward upon the lower end of the bar by means of the handhold J, and the projections D will move past the latch, and the latch will automatically hold the support raised, by coming in contact with the lower edge of the last projection passed.

In using this improved support in putting up the clothes-line or in hanging up the clothes it is not necessary for the user to do any unnecessary reaching, as the supports to which the clothes-line is attached may be lowered to their lowest position and the clothes secured thereto or the clothes hung upon the line, and then when everything is finished each support can be pushed upward as high as desired and secured by the latch engaging one of the projections D, according to the height desired, and in removing the clothes from the line or in taking down the clothes-line it is simply necessary to withdraw the latch by its handle I, and the supports may be lowered, so that the clothes-line and clothes are within reach.

By the use of such supports clothes-props could be done away with to a great extent, as the line could be strung tightly between the supports and then the supports could be raised to such a height that the clothes-props could be dispensed with, as the only need for clothes-props is to allow for the easy hanging of the clothes and keeping the clothes off the ground after being hung.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

5 Having thus fully described my invention, what I claim as new and useful is—

10 In a clothes-line support, a housing, an anti-friction-roller journaled to project from the inner surface of the rear portion at the bottom of the housing, antifriction-rollers journaled to project from the inner surface of the front of the housing at the top, antifriction-rollers journaled to project from the inner

surfaces of both sides at the top and bottom of the housing, a vertical bar slidable in the housing and pulled into engagement with the rollers at the front and rear thereof by the clothes-line and means for retaining the bar at varying heights.

15 In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

SAMUEL D. HARRELL.

Witnesses:

WINFIELD S. KOLB,
L. W. MORRISON.