

(No Model.)

J. B. ALLEN.  
CLOTHES LINE SUPPORT.

No. 551,105.

Patented Dec. 10, 1895.

Fig. 1.

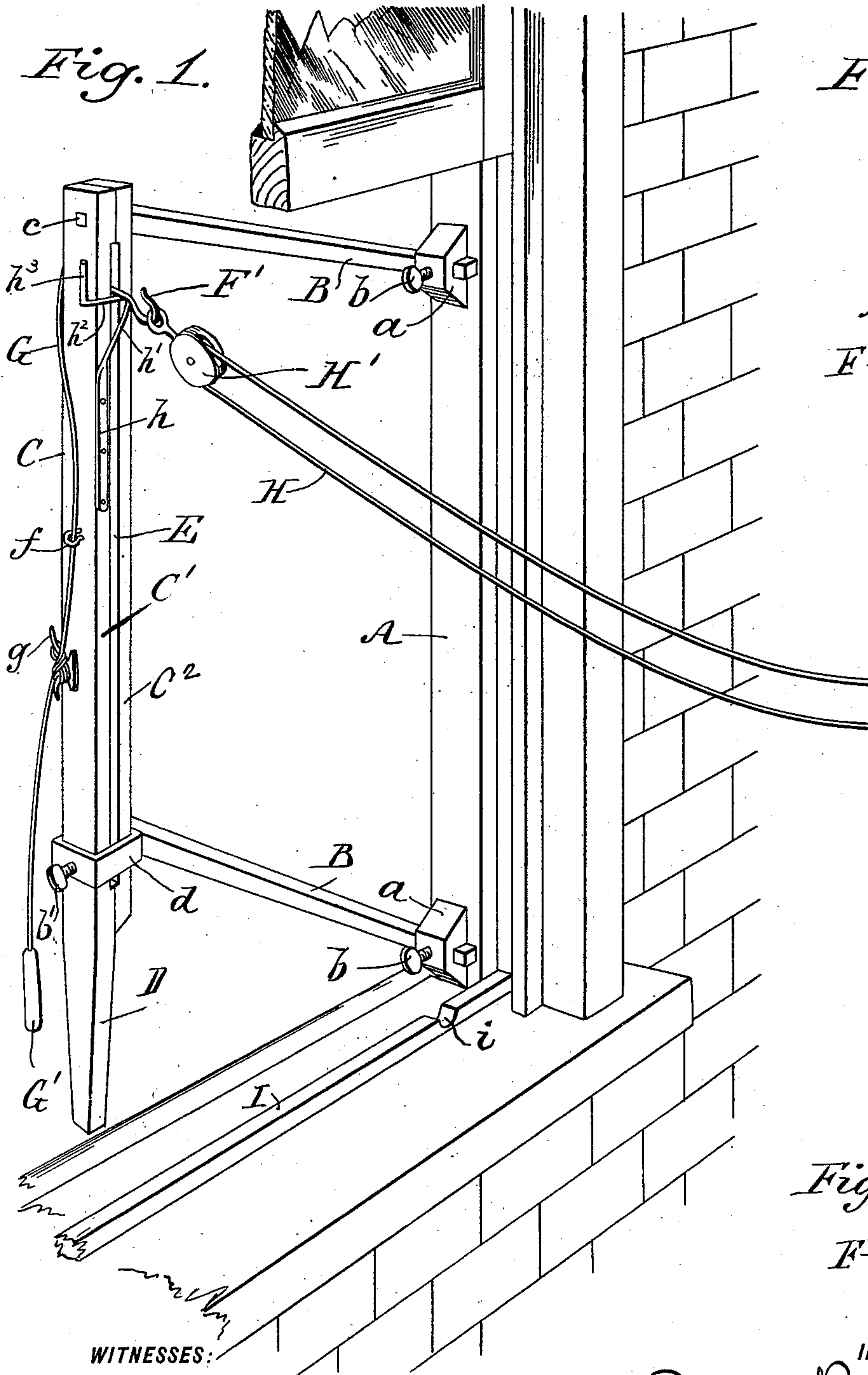


Fig. 2.

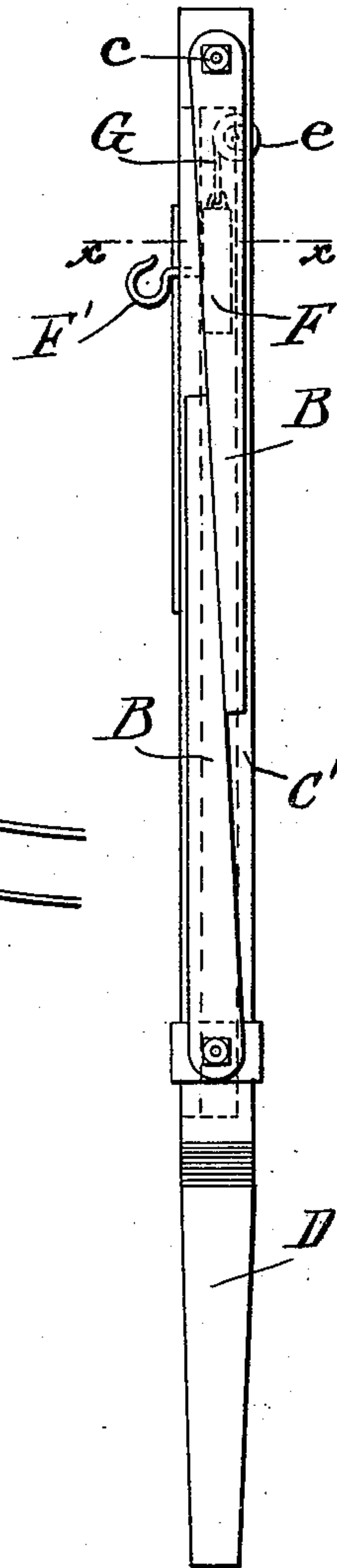
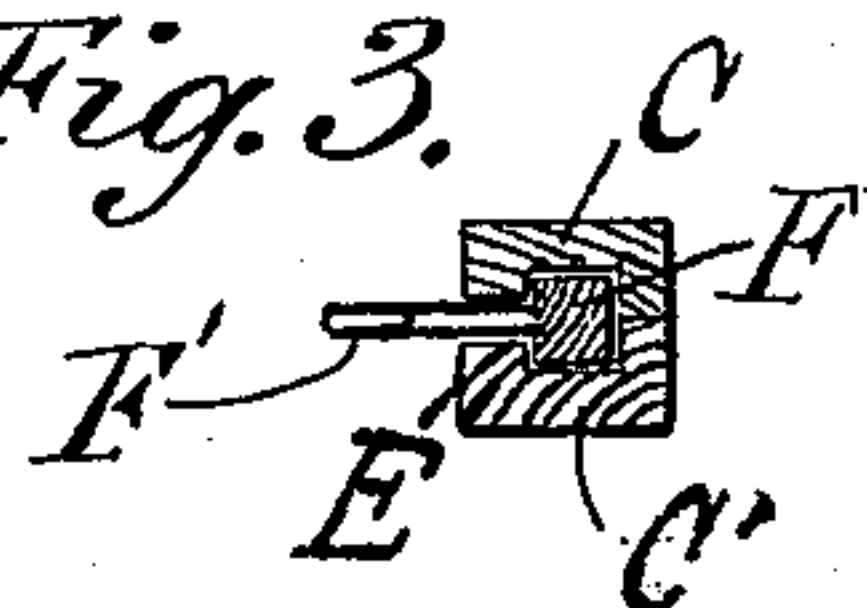


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES B. ALLEN, OF ORANGE, NEW JERSEY.

## CLOTHES-LINE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 551,105, dated December 10, 1895.

Application filed August 28, 1894. Renewed August 1, 1895. Serial No. 557,901. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. ALLEN, a citizen of the United States, and a resident of Orange, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Clothes-Line Supports, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which  
10 similar letters of reference indicate corresponding parts in all the figures.

This invention relates to clothes-line supports for houses, and has for its object to provide means whereby the clothes-line may be  
15 supported at a suitable height when the clothes are being hung thereon, and as soon as the operation is completed may be immediately lowered in order that the clothes may hang below the level of the window and the  
20 window-sash be shut down upon the said line in cold weather.

A further object of the invention is to provide such a device as will be readily applicable to the window, adjustable according to  
25 the height thereof, and in which the parts may be readily folded together to occupy but a small compass.

The invention consists in the novel construction and arrangement of parts whereby  
30 the above-mentioned and other desirable results are attained, and hereinafter fully described.

In the accompanying drawings, Figure 1 is a perspective view, taken from the outside,  
35 of a portion of a window having my clothes-line support secured thereto. Fig. 2 is a side elevation of the support detached from the window and folded. Fig. 3 is a horizontal cross-section of the post and block within the  
40 same, taken upon the line  $x x$ , Fig. 2.

In the practice of my invention I secure to the frame of the window A, near the middle and at the bottom thereof, sockets  $a$ , in which are secured the sectionally square rods B,  
45 slightly tapering toward the end and secured in the sockets  $a$  by means of thumb-screws  $b$ . The upper rod B is pivotally secured to a pin  $c$ , extending through the top of a post C, the lower rod B being pivoted to a square sleeve  
50  $d$ , which surrounds the said post near the bottom and which is secured thereto by means of the thumb-screw  $b'$ . The post C is formed

in two vertical sections comprising the main portion  $C'$  and the auxiliary portion  $C^2$ , both of which are longitudinally grooved or recessed interiorly to be sectionally U-shaped  
55 from slightly below the top of the post to within a foot or two of the bottom. The auxiliary portion  $C^2$  is cut off a short distance beneath the termination of the grooves in the interest  
60 of lightness, the post being supported by the lower end of its main portion, which constitutes a leg D and is slightly tapered downwardly. In the front of the post is a longitudinal slot E.  
65

Sliding within the post C is a block F, having a hook  $F'$  projecting forwardly therefrom through the slot E. Secured to this block F is a rope or cord G, which extends upwardly around a pulley  $e$ , journaled in the top of the  
70 post, the said rope then passing through an eye  $f$  in the side of the post and being wound upon a cleat  $g$  immediately below the same. The said rope also has a handle  $G'$  upon the end thereof.  
75

Upon the main portion of the post C, to one side of the slot E, is secured a plate or brace  
80  $h$ , having an extension  $h'$  of spring metal, which projects upwardly therefrom at an oblique angle across the slot E, and is then bent back above the oblique portion to form a horizontal portion  $h^2$ , and then ranges upwardly at right angles thereto to constitute a handle  $h^3$ , the whole thus forming a spring-catch.  
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The operation of the device will be readily understood from the foregoing description, taken in connection with the accompanying drawings. The endless clothes-line H having been secured upon the pulley  $H'$ , as usual, the  
90 same is hung upon the hook  $F'$  and the rope G is pulled to raise the block F to the top of the post C, the hook  $F'$  thereon forcing back the extension  $h'$  until it passes the said extension, which then springs back, and the horizontal  
95 portion  $h^2$  thereof prevents any downward movement of the said block. The clothes are then hung upon the line H, care being taken that none of the same remain upon that portion of the line which is within the window.  
100 This being done, the catch is withdrawn from beneath the hook  $F'$  by pressing back the handle  $h^3$  thereon, whereupon the block F and the line will fall to the level of the window,



when the clothes will hang below the sill of the same, whereby their presence upon the line does not prevent the entrance of light to the room or obscure the outlook from the window, and also thereby enabling the window to be shut down even when the clothes are upon the line.

In order that the line may be securely and tightly held when the window is left open the rope *G* is wound upon the cleat *g*, which prevents any slipping of the said rope and dropping of the line, or if the said rope should become unwound the handle *G'* upon the end of the rope, being unable to pass the eye *f*, will serve as a stop to hold the line.

The rods *B* being pivoted to the post and to the sleeve *d*, respectively, the said rods may, when detached from the sockets *a*, be folded against the post, and being tapered will fit snugly together in alignment therewith. Furthermore, as the post fits loosely in the sleeve *d*, the same will continually rest upon the floor, irrespective of the height of the window therefrom, and at the same time will, by screwing up the thumb-screw *b'*, be secured in the said sleeve so rigidly as to be held immovably in a perpendicular position.

In order that the sash may not be held partially open by the rope beneath the same, I provide a strip of wood *I*, having a notch *i* therein near one side, which said strip is placed upon the sill below the sash, the notch receiving the rope *H* therein.

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

1. A clothes-line support comprising a post formed in two angular sections, rods pivoted near the top and bottom thereof, sockets secured to the window frame and adapted to receive the ends of the rods therein, a block

sliding in the post, a hook thereon extending outwardly through the said post and adapted to receive the clothes-line thereon, a pulley near the top of the post, a rope secured to the block and passing around the pulley, and a cleat for securing the said rope, substantially as shown and described.

2. A clothes-line support comprising a post formed of two angular sections with a longitudinal slot in the front thereof, a tapered rod pivoted to the top of the post, a similar rod pivoted to a sleeve surrounding the said post near the bottom, a thumb screw in the said sleeve adapted to secure it to the post, sockets upon the window frame adapted to receive the rods therein, thumb screws in the said sockets to secure the said rods, a block sliding vertically in the post, a hook secured thereto and projecting through the longitudinal slot in the front of said post, a pulley journaled near the top of the post, a rope secured to the block and passing around the pulley, an eye upon the post through which the rope passes, a cleat upon the said post whereon the said rope may be wound, a handle upon the end of the rope, and a spring catch near the top of the post adapted to engage with the hook upon the sliding block when the same is raised, and thereby support the said hook, and a handle upon the said catch to withdraw the same, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 21st day of August, 1894.

JAMES B. ALLEN.

Witnesses:

PERCY T. GRIFFITH,  
C. GERST.