(No Model.)

# W. A. ROWE.

## CLOTHES LINE SUPPORT.

No. 589,983. Patented Sept. 14, 1897.

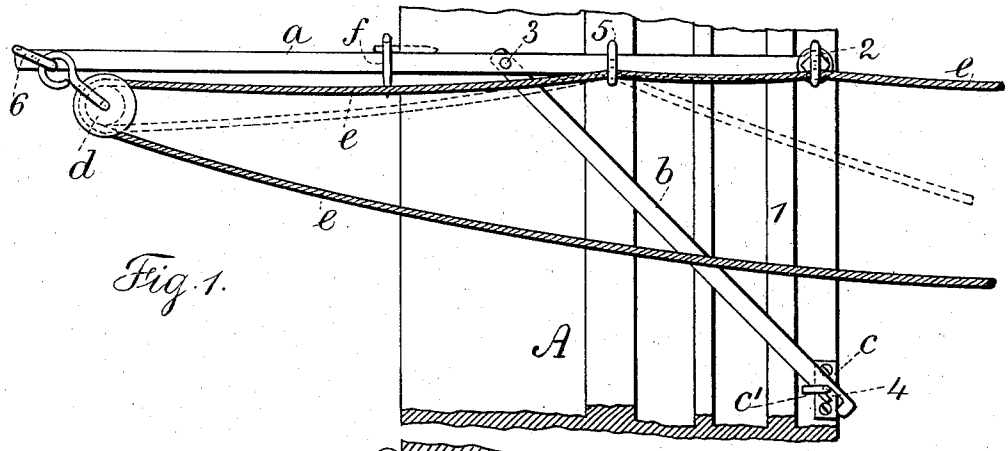



Fig. 1.

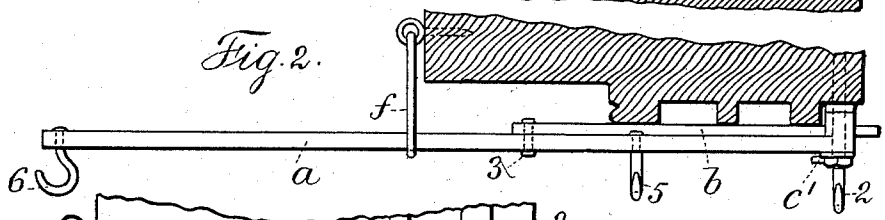



Fig. 2.

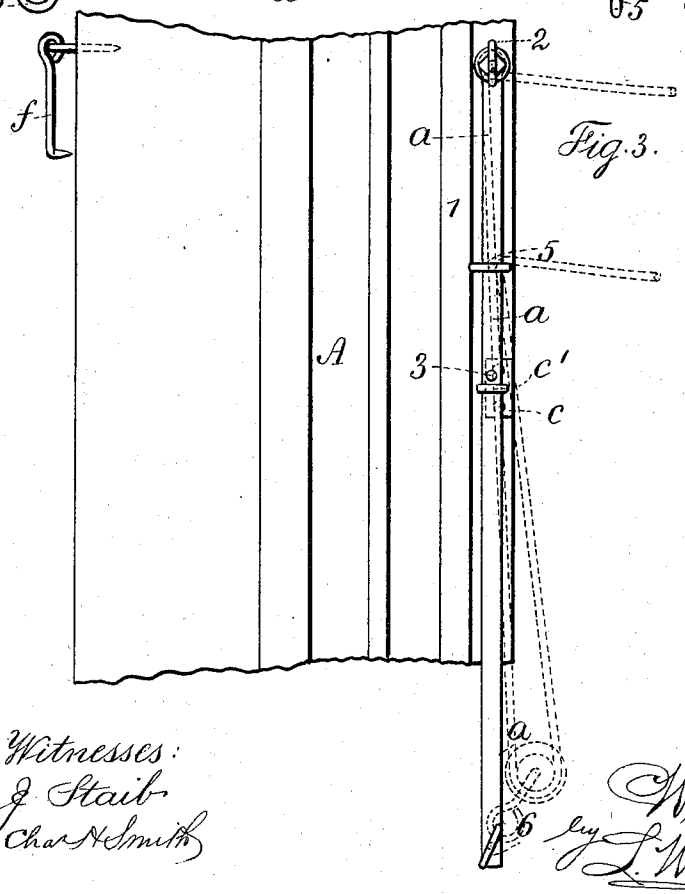



Fig. 3.

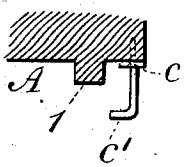



Fig. 4.

Witnesses:
J. Stair
Chas. H. Smith

Inventor:
William A. Rowe
by L. W. Serrell & Son
Attys.

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# UNITED STATES PATENT OFFICE.

WILLIAM A. ROWE, OF HOBOKEN, NEW JERSEY.

## CLOTHES-LINE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 589,983, dated September 14, 1897.

Application filed March 24, 1897. Serial No. 628,942. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. ROWE, a citizen of the United States, residing at Hoboken, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Clothes-Line Supports, of which the following is a specification.

In cities, especially in the districts containing apartment houses and tenements, clothes-lines are employed that connect from the window of an apartment to a pulley-block secured on a nearby wall, and in hanging up the washed clothes to dry a woman is frequently obliged to lean somewhat out of the window and incur risk of bodily injury, and mechanism to obviate this condition has heretofore been employed; and the object of my invention is to provide other improved facilities.

In carrying out my invention I employ an arm pivoted at one end to the face of the window-frame beyond the outside stop-bead and sufficiently below the meeting-rail of the sashes for the said arm to hang vertical against the window-frame and to swing up inside the room when the lower sash is raised. To this arm is pivoted a brace which is adapted to bear against a pin that projects from the window-frame at a point where the brace will hold the arm nearly horizontal with the brace at an angle of about forty-five degrees. A hook on the free end of the arm receives a pulley or block through which the clothes-line passes and the line extends out of the window to a distant block and the washed clothes can be hung on the line by a woman while standing inside a room and the line can be drawn along as the clothes are hung thereon. After the line is full or all the clothes desired hung to dry the lower part of the line is to be raised over a hook on the arm and the brace removed from the supporting-hook and swung into line with the arm and the arm swung down on its pivot into a vertical position against the hook upon the window-frame, which forms a stop therefor.

In the drawings, Figure 1 is an elevation of a portion of a window-frame and of my improved clothes-line support in position thereon. Fig. 2 is a plan of the same. Fig. 3 is an elevation of the parts in a vertical and folded position, and Fig. 4 is a plan of the hook upon the window-frame.

A represents a portion of one side face of a window-casing of ordinary character. The metal arm *a* is provided with a hole at one end to receive a pivot-screw, which I prefer to make with a hook 2, and this screw is to be secured to the window-frame beyond the outside stop-bead 1. Upon the other end of the bar *a* is a hook 6, to which a pulley or block *d* is to be connected, and to said bar I also prefer to secure a hook 5 at about the point shown. To the arm *a* a brace *b* is pivoted at 3, and at the free end of the arm *b* a bayonet-slot 4 is preferably made.

A plate *c*, having an L-shaped hook *c'*, is to be connected to the outer face of the window-frame at such a point below the screw-hook 2 that when the arm *a* is placed horizontally and the brace *b* at an angle of about forty-five degrees the bayonet-slot 4 receives the hook *c'*, and in this manner the arm *a* is supported when the lower sash of the window is raised, the arm extending into the room.

I prefer to employ a hook *f* upon an eye screwed into the inside face of the window-frame to extend over the arm *a* to hold the same in place against the window-casing. This hook supports the arm *a* sidewise to obviate side movement and relieve side strain on the screw-hook 2, that would occur if the arm was accidentally struck, or from the movement of the rope when hanging thereon the clothes to dry. The clothes-line *e* passes around the pulley or block *d* and out of the window with the upper member of the rope over the hooks 2 and 5 and the lower member free. A person within doors hangs the washed clothes to dry on the lower member of the rope and, as hung, draws the rope and clothes out of the window.

After all the clothes are hung to dry the lower member of the rope is to be raised and put over the hook 5, as shown by dotted lines, the brace *b* is removed from connection with the hook *c'* and swung forward into line with the arm *a* and the arm and brace swung on the screw-hook pivot 2 into a vertical position and against the L-hook *c'*, which forms a stop therefor. In this position the members of the clothes-line are separated partially because

of the difference in position of the hooks 2 and 5; but the ropes do not sag materially because of the change of position of the arm *a*. The weight of the line and clothes is taken at the support by the arm *a* and hooks 2 and 5, holding the rope and the screw-pivot of the hook 2, and the plate *c* and hook *c'*, connected to the window-frame, and against which hook *c'* the arm *a* bears below its pivot.

In the vertical position of the parts the window-sashes can be operated without coming in contact with the support, and after the line of clothes are dry the arm *a* is to be raised and supported by the brace and the clothes drawn indoors and removed from the line.

I claim as my invention—

1. A clothes-line support comprising an arm *a*, a horizontal screw-pivot hook 2, passing through one end to secure the arm to the window-frame and allow it to be swung vertically, a pulley at the other end of the arm for the clothes-line, a brace *b* pivoted at one end to the arm *a* and having a notch at the other end and a hook *c'* upon the window-frame below the hook 2 engaging the lower end of the brace *b* to support the arm *a* in a horizontal position and to act as a stop for the arm when in a vertical position, substantially as specified.

2. A clothes-line support comprising an arm *a*, a screw-pivot hook 2 at one end, a hook 6 for a pulley *d* at the other end and the intermediate hook 5, a brace *b* pivoted at one end to the arm *a* and having a bayonet-slot 4 at the other end, a plate *c* and L-shaped hook *c'* thereon, and the hook *f*, substantially as and for the purposes set forth.

Signed by me this 20th day of March, 1897.

WM. A. ROWE.

Witnesses:

GEO. T. PINCKNEY,

HAROLD SERRELL.