

G. A. D'ISEPO.
CLOTHES LINE SUPPORT.
APPLICATION FILED NOV. 12, 1912.

1,057,715.

Patented Apr. 1, 1913.

Fig. 1.

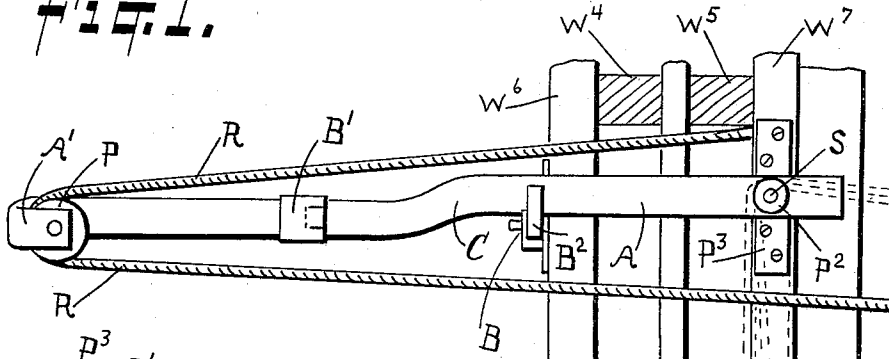


Fig. 2.

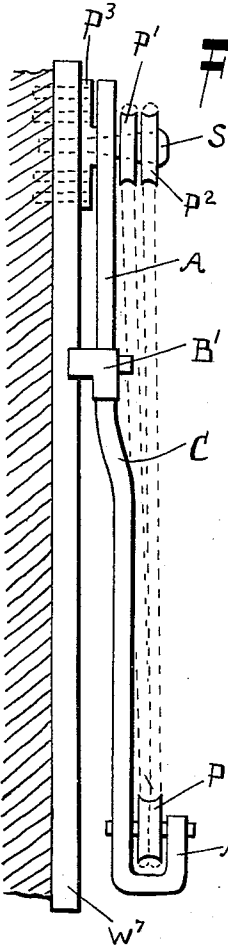


Fig. 3.

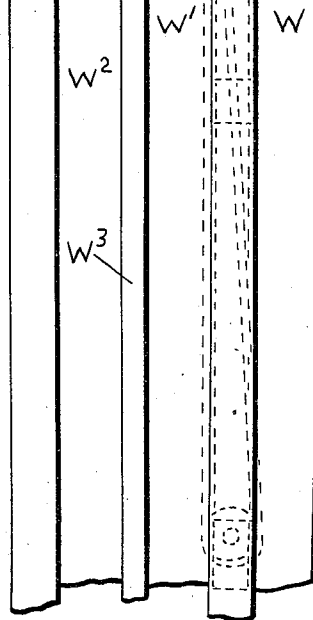
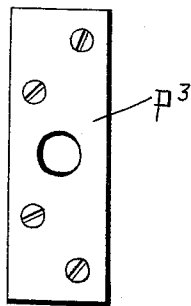
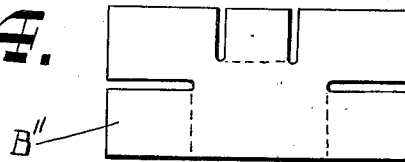


Fig. 4.



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CLOTHES-LINE SUPPORT.

1,057,715.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GIUSEPPE A. D'ISEPO, citizen of the United States, residing at 86 President street, in the city of Passaic, in the county of Passaic 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 therein to the accompanying drawing.

My invention relates to improvements in safety window support for endless clothes-lines.

The object of my invention is to provide a safety-arm adapted to be secured to the frame of the window and which will support, inside of the window, the inner loop of an endless clothes-line, to enable a person to place washed goods upon said line, inside of the house, with facility and safety.

A further object of the invention is to produce an arm which will hold the inner loop of the endless clothes-line away from the window frame for the purpose of further facilitating the hanging of clothes on the line.

A further object is to provide means for securing said arm to the window frame when lowered and out of use, thus preventing any lateral movement thereof and keeping it out of the way of the window, when the window is raised or lowered.

A further object is to provide such a safety device adapted to be pivotally secured to the window frame and an adjustable bracket for supporting the same in a horizontal position when the arm is extended into the room, the whole to be simple in construction, durable and inexpensive.

To these ends my invention consists in certain features of construction and combination of parts which will be hereinafter described and claimed and which are shown in the drawings.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the device, showing a portion of the window casing to which the safety swinging arm is pivotally secured, the arm having been swung into the room and being held and supported in a horizontal position by an adjustable catch bracket. Fig. 2 is an elevation showing the

swinging safety-arm when not in use and locking device for holding it in a vertical position out of the way of the windows or shutters. Fig. 3 is a plan view of the plate which is secured to the window casing and through which passes the spindle which supports rope-pulleys and forms the axis for the swinging safety arm. Fig. 4 is a blank or piece of metal from which is formed by bending the locking device which passes around the swinging arm and on each side of the window casing strip to hold the arm against lateral movements and in a vertical position.

The swinging safety arm A, as shown, is pivoted to the casing W as follows: The plate P³ is secured to the strip W⁷ and the spindle S passes through an opening in the inner end of the safety arm A and through the plate P³ and strip W⁷ so as to permit the arm A to swing inwardly from the vertical position to a horizontal position.

The arm A is the same width as the strip W⁷, therefore when not in use and hanging in a vertical position does not interfere with the opening or closing of the windows or shutters.

The spindle S which passes through and is held in the plate P³ is provided with two shoulders differing in circumference and upon each shoulder is mounted to rotate a rope-pulley, both pulleys, P¹ and P² being outside of the inner or pivoted end of the swinging or safety arm A.

Midway of its length the swinging arm A is bent or curved outwardly at C, as shown in Figs. 1 and 2 and from that point to its outer end the swing arm A when out of use and hung in a vertical position lies parallel with, but farther away from the window strip W⁷. As shown in Figs. 1 and 2 the swinging safety arm A is bent or curved at its outer end forming a U shaped bearing for a pulley and spindle P.

The outer end of the swinging safety arm A, on account of its being curved or bent, holds the clothes-line R away from the window casing W at such a distance as to facilitate the hanging of the wet clothes on the line.

When the safety arm A is held in a horizontal position as shown in Fig. 1 the pulley line is somewhat loose or slack and when the arm is lowered into a vertical position as shown in Fig. 2 the pulley line may be materially tightened the slack being

taken up by utilizing either or both of the pulleys P^1 and P^2 by passing the pulley line over either or both of said pulleys. On the inner portion of the safety swinging arm
 5 A is slidably secured, the locking device B^1 which is formed from the metal plate in Fig. 4. The middle tongue of the plate B^{11} is turned upwardly to form a knob or handle, two of the corner portions are turned
 10 down so as to pass, one on each side of the strip W^7 and the other two portions are bent down and loosely around the inner portion of the arm A. In order to lock the arm A in a hanging vertical position it is merely
 15 necessary to move the locking device B^1 downwardly until the curved portion C of the arm A is reached when the device B^1 will grip the arm A and the window casing strip W^7 and prevent any lateral motion of
 20 the arm A. A sliding L shaped bolt B^2 adapted to be moved in the bracket B^3 and to be secured in the position desired in said bracket by means of the thumb-screw B form a support for and are adapted to hold
 25 said swinging safety arm A in a horizontal position.

Where hereinbefore the swinging safety arm A is referred to as not being in use it is meant not in use in a position for hang-
 30 ing the clothes, for strictly speaking one of the objects of my invention is to provide a safety swinging arm that may be utilized whether in a horizontal position extending into the room or whether it be in a vertical
 35 position after the clothes have been hung upon the line, to tighten the pulley line,

as shown by dotted lines in Fig. 2. It is obvious that the inner loop of the pulley line which extends into the room when the swinging safety arm A is held in the posi- 40
 tion shown in Fig. 1 may be held at any distance required and at any angle from the window casing as desired, according to the extent or degree of the curvature of the arm A at the point C. And it is also ob- 45
 vious that the spindle S may be of any length desired; that the pulleys P^1 and P^2 may be of any size and that the annular grooves may be of any depth desired. In these respects I do not wish to confine my- 50
 self to size or degree in the construction and arrangement of those parts of my device. Many changes of such a character may be made without departing from the scope and spirit of my invention. 55

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

A clothes line support including a pivoted line supporting arm and a locking de- 60
 vice slidable longitudinally on the arm, between the center thereof and its inner end and having wings adapted to pass on each side of the window frame strip to which the arm is pivotally secured, substantially 65
 as shown and described.

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

GIUSEPPE A. D'ISEPO.

Witnesses:

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