

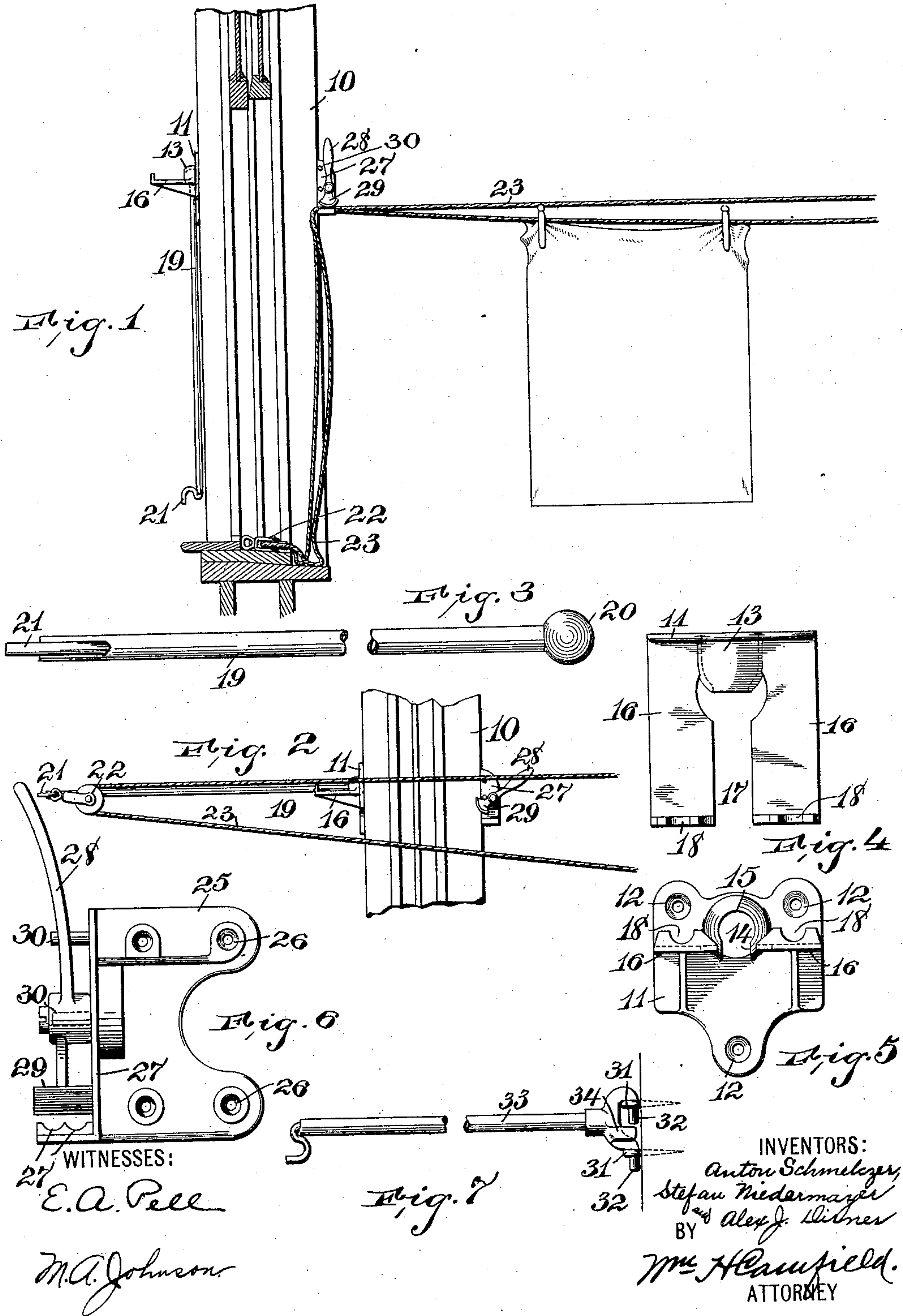
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PULLEY LINE SUPPORT.

APPLICATION FILED SEPT. 3, 1909.

Patented Aug. 2, 1910.

966,129.





# UNITED STATES PATENT OFFICE.

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## PULLEY-LINE SUPPORT.

966,129.

Specification of Letters Patent.

Patented Aug. 2, 1910.

Application filed September 3, 1909. Serial No. 516,130.

*To all whom it may concern:*

Be it known that we, (1) ANTON SCHMELCZER, (2) STEFAN NIEDERMAYER, and (3) ALEX J. DIRNER, citizens of the United States, residing at (1) Elizabethport and (2 and 3) Newark, respectively, in the counties of Union and Essex, respectively, and State of New Jersey, have invented certain new and useful Improvements in Pulley-Line Supports; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

This invention relates to an improved device for securing a pulley line to a building in such a way that clothes can be hung on it from within a building, and also being adapted to hold the line outside the building after the clothes have been hung up so that the window can be shut.

The device consists of independently situated but cooperating devices comprising a pulley support that is adapted to be removable or collapsible, and a clamp arranged to hold the line when the pulley support is not in use.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a section of part of the window casing and the frames, showing the line supported from the clamp outside the window with the pulley support in a folded position. Fig. 2 is a similar view showing the line fastened to the pulley support and released from the clamp. Fig. 3 is a view of a rod used in the pulley support. Fig. 4 is a top view of a socket employed for holding the rod illustrated in Fig. 3, and Fig. 5 is a front view of Fig. 4. Fig. 6 is a face view of the clamp, and Fig. 7 is a view of a modified form of pulley support.

The device is arranged on a window-frame 10 or other part of a building, such as a porch. A pulley support consisting of a bracket having a plate 11 is fastened by screws through the holes 12 to the inside of the window-frame. The bracket is made in one piece, preferably a casting, and has a socket 13 with an open back and a radial

slot 14 leading from the front opening 15. A horizontal shelf 16 extends out from the plate 11 on each side of the socket, these shelves being spaced apart as at 17. On the end of each shelf 16 is a recess 18, which recesses are adapted to hold a rod 19 at an angle to the window-frame, the rod having a ball 20 on its end seated in the socket 13. The slots 17 and 14 permit the rod 19 to hang vertically as shown in Fig. 1. The rod 19 has a hook 21, or a similar device, for attaching a pulley 22 thereto when the rod 19 is arranged horizontally, the pulley supporting one end of the line 23. The pulley support is adapted to be placed on the left or right side of a window, since the rod 19 can be arranged at an angle to either side of the bracket and in line with the opening of the window-frame.

When it is desired to close the window the two strands of the line 23 are laid in the grooves 24 of the clamp. The clamp consists of a plate 25 with holes 26 for attaching it to the window-frame, and a right-angled plate 27 on which a handle 28 is pivoted, the lower end of the handle being formed into an eccentric jaw 29. The handle is swung to bind the jaw 29 down hard on the line 23 as shown in Fig. 1. The pulley support can then be folded and the window closed, as the pulleys and line can be released from the support and suspended outside from the clamp. Two pins 30 act as stops to limit the swinging movement of the handle and the jaw.

A modified form of pulley support is shown in Fig. 7. A pair of screw-eyes 31 form bearings for two fingers 32 to rotate in, the fingers being attached to a rod 33 to support the pulley. The rod is also provided with fingers 34 on each side to engage the window-frame to limit the swinging movement of the rod 33.

The plate 11 has an open back for the socket 13 to provide means for introducing the rod and ball into and through the socket. The support for the plate 11 forms the back of the socket.

Having thus described our invention, what we claim is:—

A pulley support comprising a bracket, said bracket comprising a plate and a shelf extending at a substantial right angle to the plate, the plate being formed, adjacent to the

shelf, into a socket having a centrally arranged perforation in the front and being open at the back, said socket also having a radial slot extending downwardly from the  
5 central opening to the plate, the shelf having a recess in its forward end, a rod, a head on one end of the rod, said head being adapted to be seated in the socket and to form therewith a universal joint, the rod being  
10 adapted to be suspended through the radial slot or to be supported in the recess of the

shelf, and means on the projecting end of the rod for securing a pulley thereto.

In testimony that we claim the foregoing, we have hereunto set our hands this twenty 15 seventh day of August 1909.

ANTON SCHMELCZER.

STEFAN NIEDERMAYER.

ALEX J. DIRNER.

Witnesses:

EMIL GERMANUS,

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