

M. HORWITZ.
CLOTHES LINE SUPPORT.
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1,002,402.

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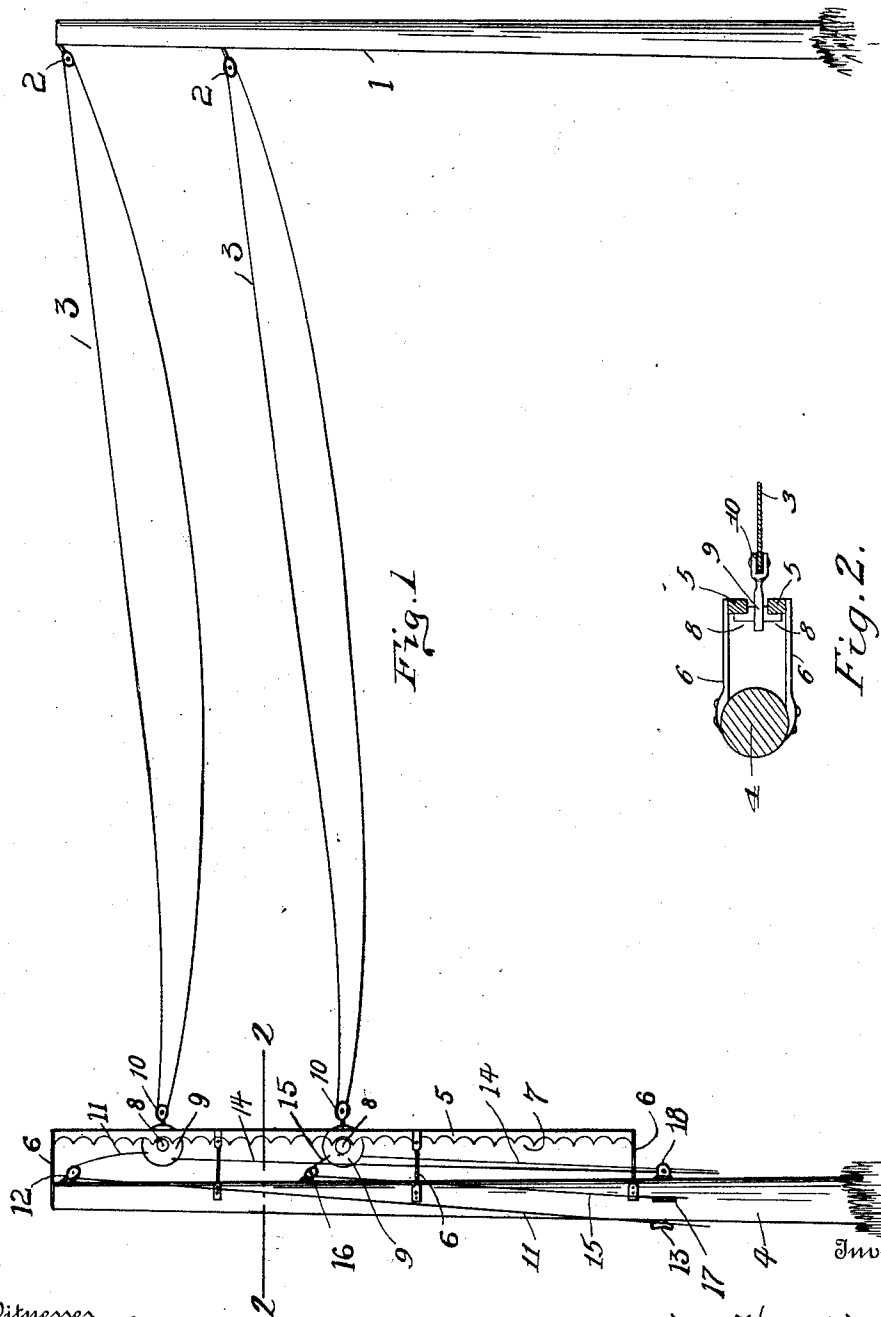


Fig. 1

Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

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CLOTHES-LINE SUPPORT.

1,002,402.

Specification of Letters Patent.

Patented Sept. 5, 1911.

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To all whom it may concern:

Be it known that I, MARKS HORWITZ, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, 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 drawings.

This invention relates to a clothesline supporter and more particularly to an arrangement thereof which is especially adaptable for use in areas, squares and like spaces where the ground space is limited.

The invention consists in the matters hereinafter set forth, and more particularly pointed out in the appended claims.

In the drawings, Figure 1 is a view in elevation of a clothes line supporter embodying features of the invention; Fig. 2 is an enlarged horizontal section on line 2—2 of Fig. 1.

In the drawings, 1 indicates a fixed upright support to which suitable pulleys 2 are secured at sufficient intervals to allow clothes hanging from lines 3 passed through the pulleys to swing clear. A second upright or post 4 is secured at a distance from the first, and, in the preferred form of construction a pair of parallel bars 5 are secured thereto by suitable hangers or straps 6. The inner edges 7 of the bars which face away from the other line holder are provided with shallow depressions or notches adapted to receive the short trunnions or journals 8 of plates 9 to which pulley blocks 10 are secured so that the weight of the line 3 will pull the trunnions 8 of the plates 9 into the notches of the rack bars, where they will remain of their own accord, and without any extraneous means. As illustrated these notches or depressions are rounded, the ridge between them being just sufficient to hold the plates from sliding by the weight of the line 3 and the load carried thereby. On the other hand, the upper plate 9 may be readily moved upward on the bar 5, by a practically direct vertical pull of the raising halyard 11 passing over a sheave 12 on the post and thence down to a suitable belaying cleat 13 within convenient reach of the user. In a like manner the adjustment of the lower plate 9 is effected by passing its halyard 15 through a block 16 and thence to a belaying cleat 17. It will, of course, be

understood that the raising-halyards 11 do not perform any function in keeping or upholding the plates, it being in fact necessary in this organization to haul the plates down over the ridge into the next lower notch. This may be accomplished by down-haul lines 14, the lower ends of which may be tied to a staple 18.

In operation the disks or plates 9 are drawn down to the bottom of the bars, the lines filled as desired and the plates then hoisted to the desired elevation. By virtue of the trunnions resting in the rounder notches, considerable angular lee-way is provided for the lines 3, and the pull will always come in a direct line from the bottom of the notch so that no cramping action of the plate on the bar can exist.

Obviously changes in the details of construction may be made without departing from the spirit of the invention, and I do not wish to limit myself to any particular form or arrangement of parts, especially as to the means employed for effecting the vertical adjustment of the plates, inasmuch as the load carried by the line 3 may be such as to render a direct upward pull on a halyard inadequate.

I claim:

1. In a clothes-line support, the combination with a pair of coöperative line-holders, and a line connecting the same, of a bar for movably supporting one of said holders and having a series of notches in its face away from the other holder, and a member carried by the movable holder adapted to be moved into and out of any one notch.

2. In a clothes-line support, the combination with a pair of coöperative line-holders, and a line connecting the same, of a bar for movably supporting one of said holders and consisting of a pair of parallel spaced strips having alined notches in their faces away from the other holder, a member carried by said movable holder and passing through the space between the bar-sections, and alined trunnions extending from opposite sides of said member and adapted to be slid along said face into the successive notches.

3. In a clothes-line support, the combination with a pair of coöperative line-holders, and a line connecting the same, of a bar for movably supporting one of said holders consisting of a pair of parallel spaced strips,

having alined notches in their faces away
from the other holder, a member carried by
said movable holder and passing through
the space between the bar-sections, and
5 alined trunnions extending from opposite
sides of said member and adapted to be slid
along said face into the successive notches,
and means connected with said trunnion-

member for moving the latter in opposite
directions along the bar.

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

MARKS HORWITZ.

Witnesses:

OTTO F. BARTHEL,
ANNA M. DORR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."