Jan. 10, 1928.

1,656,113

J. H. HERMAN

CLOTHESLINE HOLDER

Filed Jan. 29, 1926

3 Sheets-Sheet 1

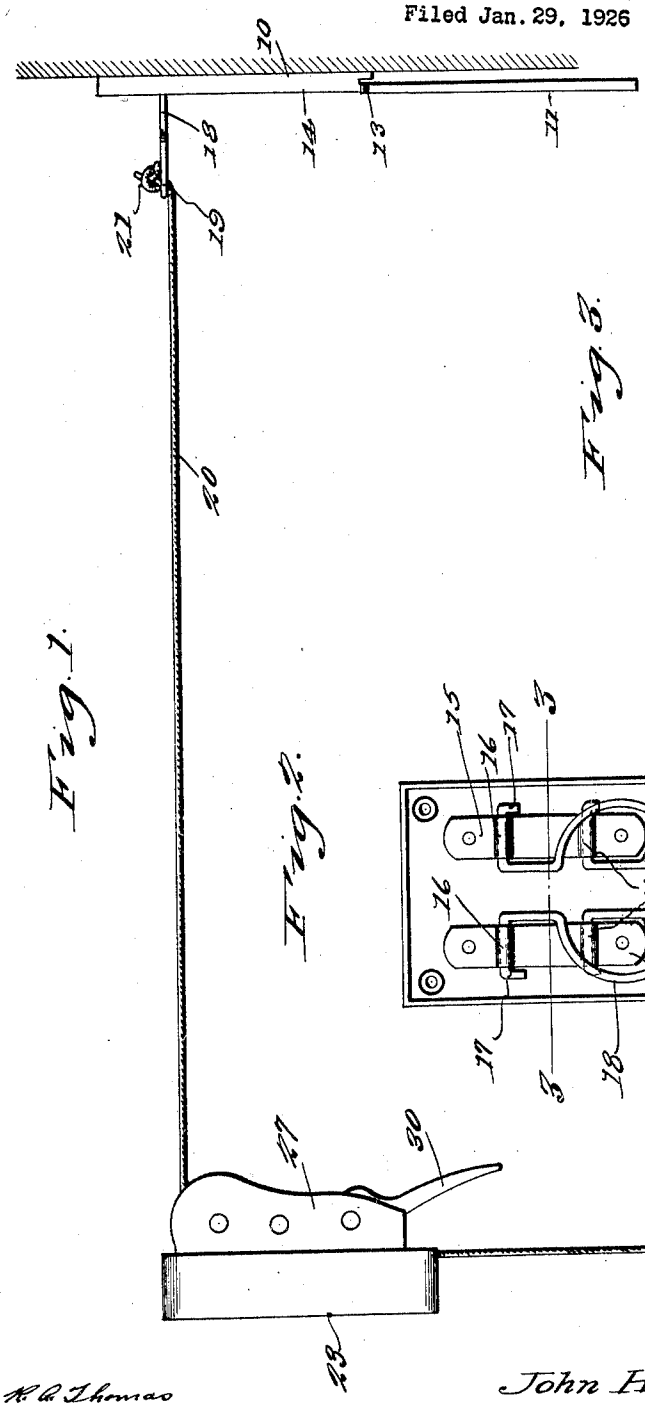


Fig. 1.

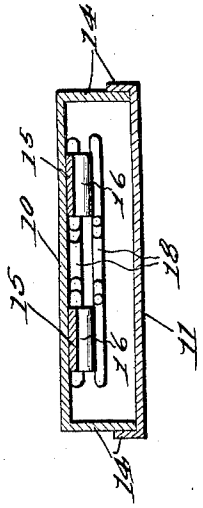


Fig. 3.

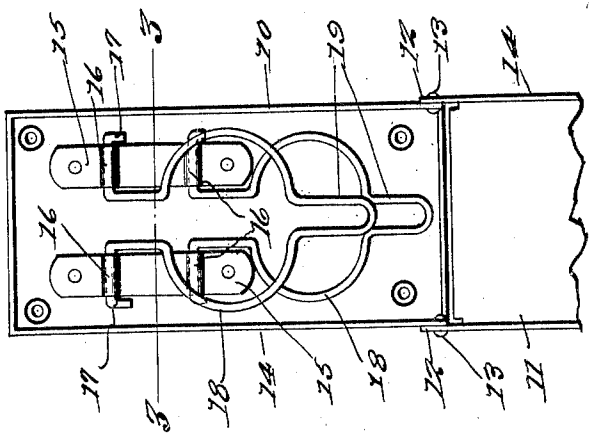


Fig. 2.

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CLOTHESLINE HOLDER

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Fig. 4.

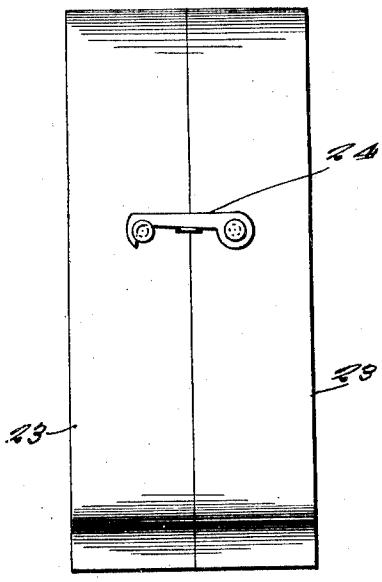


Fig. 5.

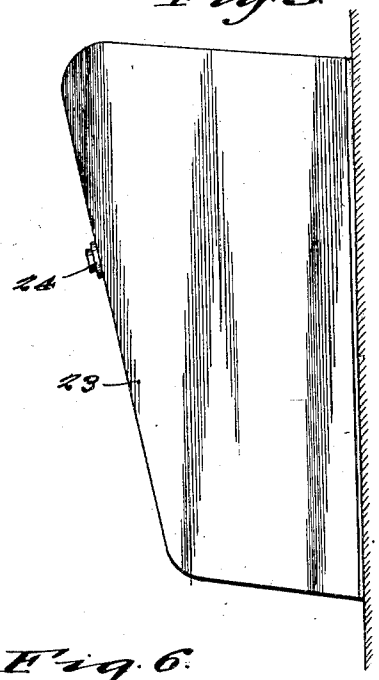
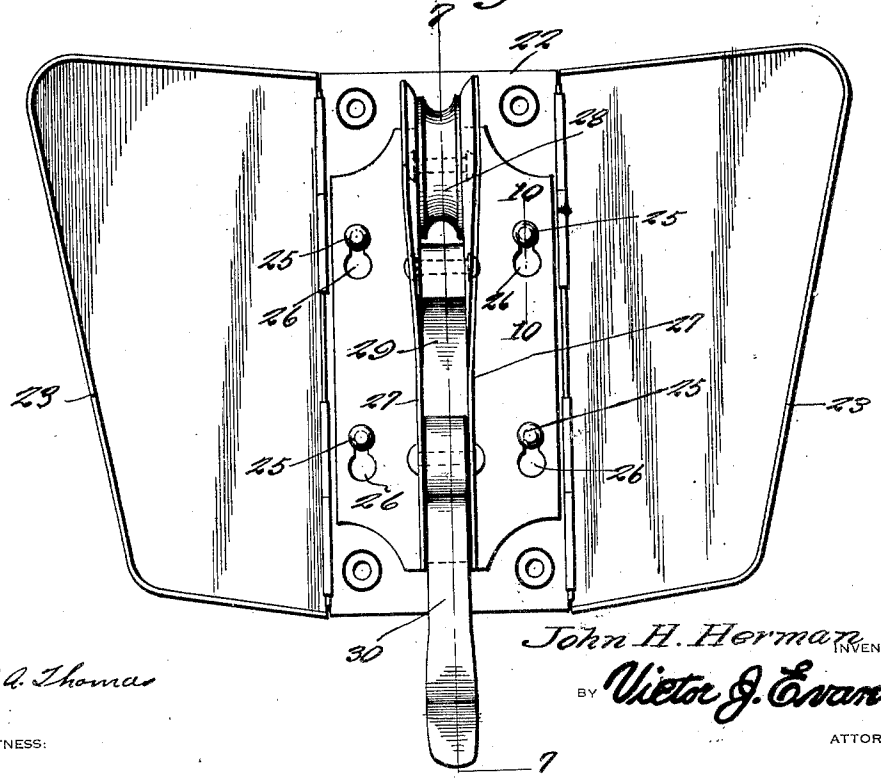


Fig. 6.



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CLOTHESLINE HOLDER

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Fig. 7.

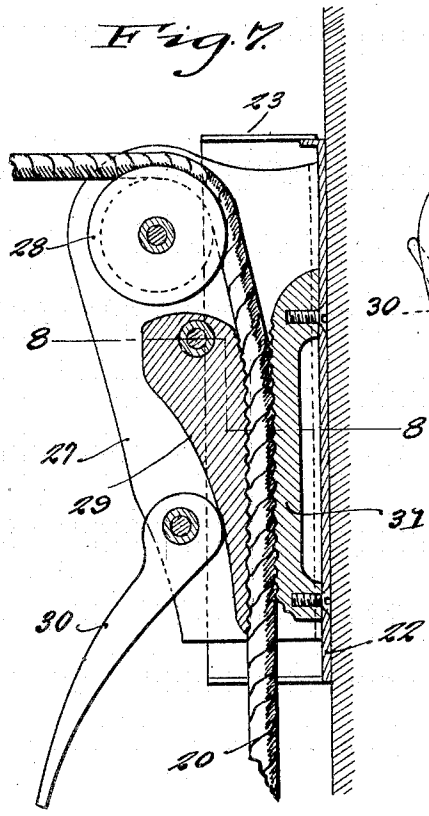


Fig. 9.

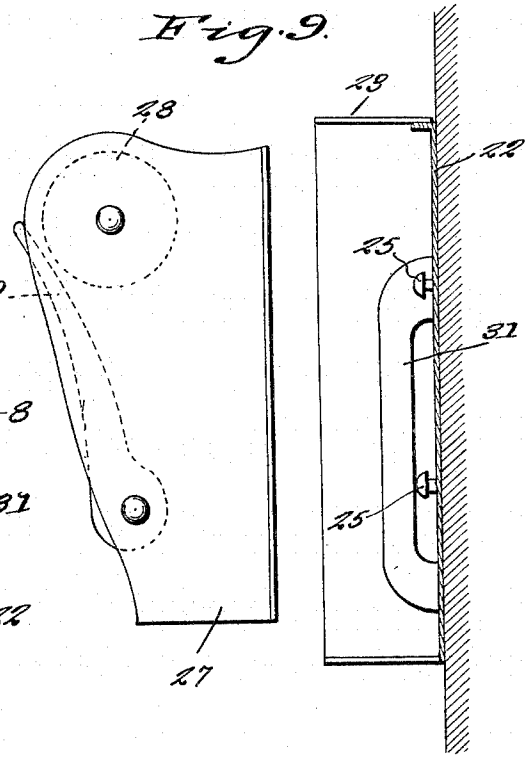


Fig. 8.

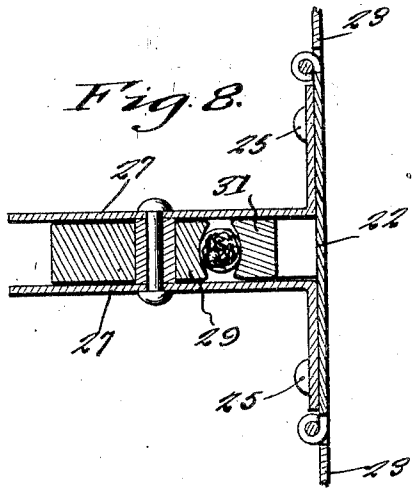
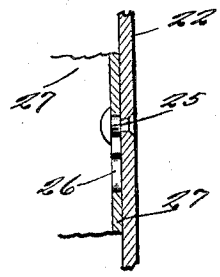


Fig. 10.



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UNITED STATES PATENT OFFICE.

JOHN H. HERMAN, OF NEW CASTLE, PENNSYLVANIA.

CLOTHESLINE HOLDER.

Application filed January 29, 1926. Serial No. 84,702.

This invention relates to improvements in clothes line holders, the general object being the provision of means for detachably securing one end of the clothes line and means to be used in conjunction with the remaining and opposite end of the clothes line for holding the clothes line at a desired tightness incident to the weight of the clothing supported thereon.

Another object of my invention residing in the specific construction and configuration of the detachable securing means consisting of loop members having elongated extensions protruding therefrom to receive a portion of the clothes line adjacent its knotted end while the holding means consisting of a pulley for guiding the clothes line and a cam for operating the toothed plate against the clothes line.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawing:—

Figure 1 is an elevation of the invention while in use.

Figure 2 is a front elevation of the detachable securing means open and illustrating the construction thereof.

Figure 3 is a transverse section taken on line 3—3 of Figure 2 when the housing for the detachable securing means is closed.

Figure 4 is a front elevation of the holding means.

Figure 5 is a side elevation thereof.

Figure 6 is a front elevation of the holding means with the housing open.

Figure 7 is a vertical sectional view taken on line 7—7 of Figure 6.

Figure 8 is a sectional view taken on line 8—8 of Figure 7.

Figure 9 is an elevation of the detachably positioned elements forming the holding means.

Figure 10 is a vertical sectional view taken on line 10—10 of Figure 6.

Referring to the drawings in detail, wherein like characters of reference denote corresponding parts, the reference character 10 indicates an elongated housing having a cover plate 11 having downwardly extending apertured ears 12 provided upon its lower end and pivotally secured as indicated at 13 to the corresponding end of the housing 10 while the housing 10 and cover plate 11 having overlapping and interfitting flanges 14 provided upon their opposite ends and sides for creating an inclosure within the housing. The inner side of the housing 10 including spaced parallel plates 15 providing registering transversely disposed channel portions 16 therein for the reception of the opposite and outwardly extending end portions 17 of securing hooks 18 providing forwardly extending elongated looped portions 19 upon their forward sides and ends for the reception of the clothes line 20 therein and to prevent its accidental displacement therefrom when the adjacent end of the clothes line is knotted as indicated at 21. Such housing being secured upon the side of a house or post and in fact any convenient place in the vicinity where the line is to be strung.

The holding means constituting an elongated plate 22 having hinged side members 23 associated therewith and held in a closed position through the instrumentality of a latch pin 24 as clearly illustrated in Figure 4 of the drawings. The forward side of the plate 22 having a plurality of headed studs 25 positioned thereon and adapted for insertion within key-hole slots 26 provided in angularly disposed companion plates 27 lying flush with the said plate 22. Such plates 27 having rotatably mounted between their spaced parallel side walls a pulley 28, a pivotally mounted locking plate 29 and a correspondingly mounted cam faced locking lever 30 while the forward side of a stationary locking plate 31 projects an appreciable distance between such plates 27 adjacent the locking plate 29 as clearly illustrated in Figures 7 and 8 of the drawings.

In the use and operation of the present invention it is clearly apparent and manifest that the securing hooks 18 mounted within the housing 10 will receive and secure the knotted end of the clothes line 20 in the manner as previously described and illustrated: it being optional according to the weight sustained by the clothes line to use one or both the securing hooks 18 or they may be used for two separate or individual clothes lines. The holding means embodying the elongated plate 22 and the angularly disposed plates 27, the latter supporting the pulley 28, pivotally mounted locking plate 29 and correspondingly mounted cam faced

locking lever 30 being adapted to train the opposite and remaining end of the clothes line 20 over the pulley 28 and downwardly between the abutting faces of the pivotally mounted locking plate 29 and stationary plate 31 after which the said end of the clothes line 20 is pulled downwardly in the manner as clearly illustrated in Figures 1 and 7 of the drawings precedent to a downward pressure exercised upon the cam faced locking lever 30 whereby the pivotally mounted locking plate 29 is moved inwardly and toward the stationary locking plate 31 and such movement will bite into that portion of the clothes line 20 between the respective locking plates and secure the holding means upon the clothes line 20 at a desired tightness incident to the weight sustained thereon.

The invention is susceptible of various changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having thus described the invention, what is claimed is:—

1. In a clothes line supporting means, a plate, headed studs projecting from said plate, angle plates formed with openings receiving said studs, a pulley journaled between the angle plates for receiving one end portion of a clothes line thereabout, a locking plate pivotally mounted between said plates below said pulley, means disposed to the rear of said locking plate and cooperating therewith, a locking lever having a cam surface engageable with the locking plate for action thereon for securing the portion of clothes line between said locking plate and means, and means securing the opposite end of said clothes line.

2. In a clothes line supporting means, an elongated plate adapted to be secured to a support, side members hingedly secured to the opposite sides of said plate and cooperating with each other to provide a cover, a locking plate secured to said elongated plate and extending forwardly therefrom, headed studs projecting from said elongated plate, angle plates formed with key hole slots in one of their portions to receive the headed studs while the opposite portions of said angle plates are disposed in spaced relation with respect to each other, a pulley journaled between the spaced portions, a locking plate pivoted at one end between said spaced portions and cooperating with the stationary locking plate, a manually operated pivoted mounted lever having a cam surface engageable with the pivoted locking plate for urging the same toward the stationary plate for securing one end portion of a clothes line between said plates, said pulley being adapted to receive the line, and means for supporting the opposite end of said line.

In testimony whereof I affix my signature.

JOHN H. HERMAN.