M. DAWLEY.

CLOTHES DRIER.

APPLICATION FILED APR. 19, 1916.

1,198,422.

Patented Sept. 19, 1916.

Fig. 1.

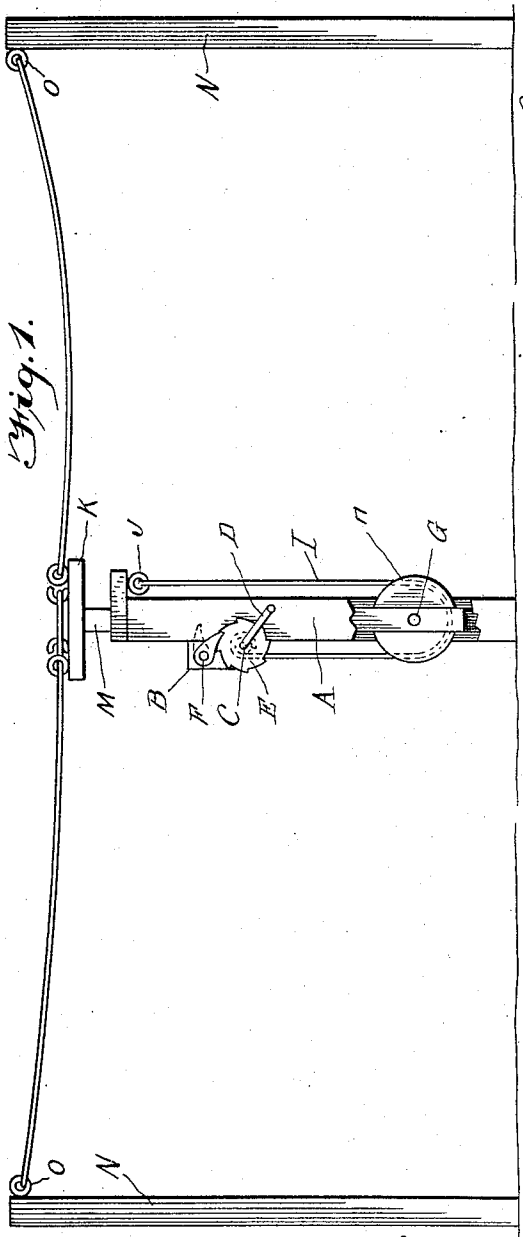


Fig. 2.

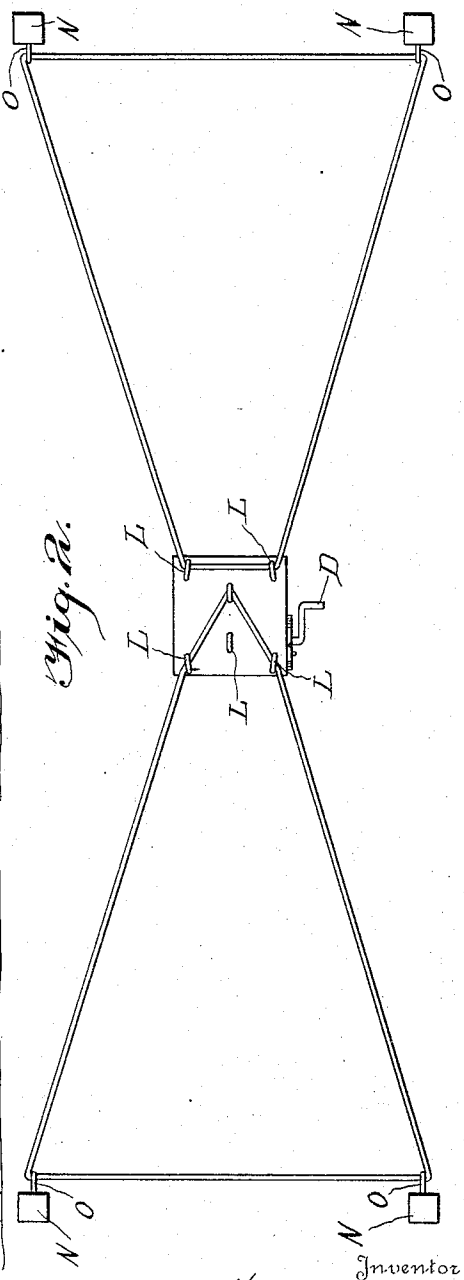
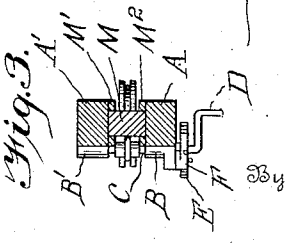


Fig. 3.



Witness

T. P. Britt

Inventor

Martin Dawley

By Wm. H. Bates

By

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

MARTIN DAWLEY, OF BAY CITY, MICHIGAN.

CLOTHES-DRIER.

1,198,422. Specification of Letters Patent. Patented Sept. 19, 1916.

Application filed April 19, 1916. Serial No. 92,213.

To all whom it may concern:

Be it known that I, MARTIN DAWLEY, a citizen of the United States, residing at Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification.

My invention has relation to improvements in clothes driers and it has for its object primarily to provide means for adjusting clothes lines higher and lower from their normal positions to suit persons of various heights in hanging up and removing clothes from the lines through the medium of suitable operating mechanism secured to and interposed between central double standards or posts and a vertically slidable cap connected with the upper part of said standards or posts.

A further object of the invention is to simplify and reduce the cost of construction of this class of inventions over the existing prior state of the art, and with these ends in view the invention consists in the novel construction and combination of parts, as will be hereinafter more in detail described, and the asserted novelty specifically claimed.

I have fully and clearly illustrated my invention in the accompanying drawings, in which—

Figure 1 is a side elevation of my device ready for use. Fig. 2 is a top or plan view of the same. Fig. 3 is a sectional plan view of the stationary slotted post.

Similar letters of reference indicate similar parts throughout the corresponding figures.

Referring to the drawings, A and A′ designate standards or posts the lower ends of which are buried in the earth or concrete a suitable distance apart, said standards or posts being provided with brackets B and B^1 which form bearings for an upper ratchet shaft C upon one end of which is secured a crank D and ratchet wheel E, a dog F being pivotally secured to the bracket B, the free end of said dog connecting with the teeth of the ratchet wheel E by which back lash of the operating mechanism is prevented.

G designates a lower short shaft which is pivotally secured to the lower end of a bifurcated portion of a vertical slidable bar which will be hereinafter more fully described, and between the lower ends of the above mentioned slidable bar, and upon the short shaft G is mounted a pulley wheel H around the periphery of which, and the upper ratchet shaft C is passed a pulley belt I, one end of which is secured to the shaft G and the opposite end run through an eye and secured to, and upon the under side of top cross pieces C′ of the posts A and A′.

K designates a slidable cap secured to the upper surface of which, is a series of hooks and eyes L L L L L. Secured to, or integrally formed upon the under side of the cap K is a rectangular bar, slidable through a rectangular opening formed in the cross-pieces and between ways M^1 and M^2 secured to the inner sides of the standards or the posts A and A′ for raising and lowering the cap K and the several clothes lines connected with said cap.

N, N, N, N, designate a suitable number of posts which are located at pre-determined distances apart from the main posts or standards A and A′ hereinbefore described. These posts being provided with eyes O, O, O, O, secured to their upper ends and inner surfaces by which the lines passed through the eyes and secured to the outer surface of the slidable cap K are connected with the posts N, N, N, N, in a similar manner as those of the cap K, the said lines being carried by the cap, and rising and lowering with said cap, as it is operated through the medium of the operating mechanism.

From the foregoing description taken in connection with the accompanying drawings the operation of my device will be obvious, and further description herein is deemed unnecessary.

What I claim as new and desire to secure by Letters Patent, is

A clothes drier comprising a slotted post, a bar slidable vertically in the slot of the post, an eye secured to the underside of the top thereof, a pulley secured pivotally to the lower end of the vertically slidable bar, a cord having one end secured to said eye of the slotted post, and its opposite end passed around the pulley, a take-up device connecting the said opposite end of the cord to the post, a cap secured to the upper part of the

slidable bar and provided with eyes upon its outer surface, the said take-up device providing means for operating the vertically positioned slidable bar for raising and lowering the same, all arranged and operating as herein shown and described.

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

MARTIN DAWLEY.

Witnesses:
FRED L. PERO,
WALLACE WEDDEL.

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