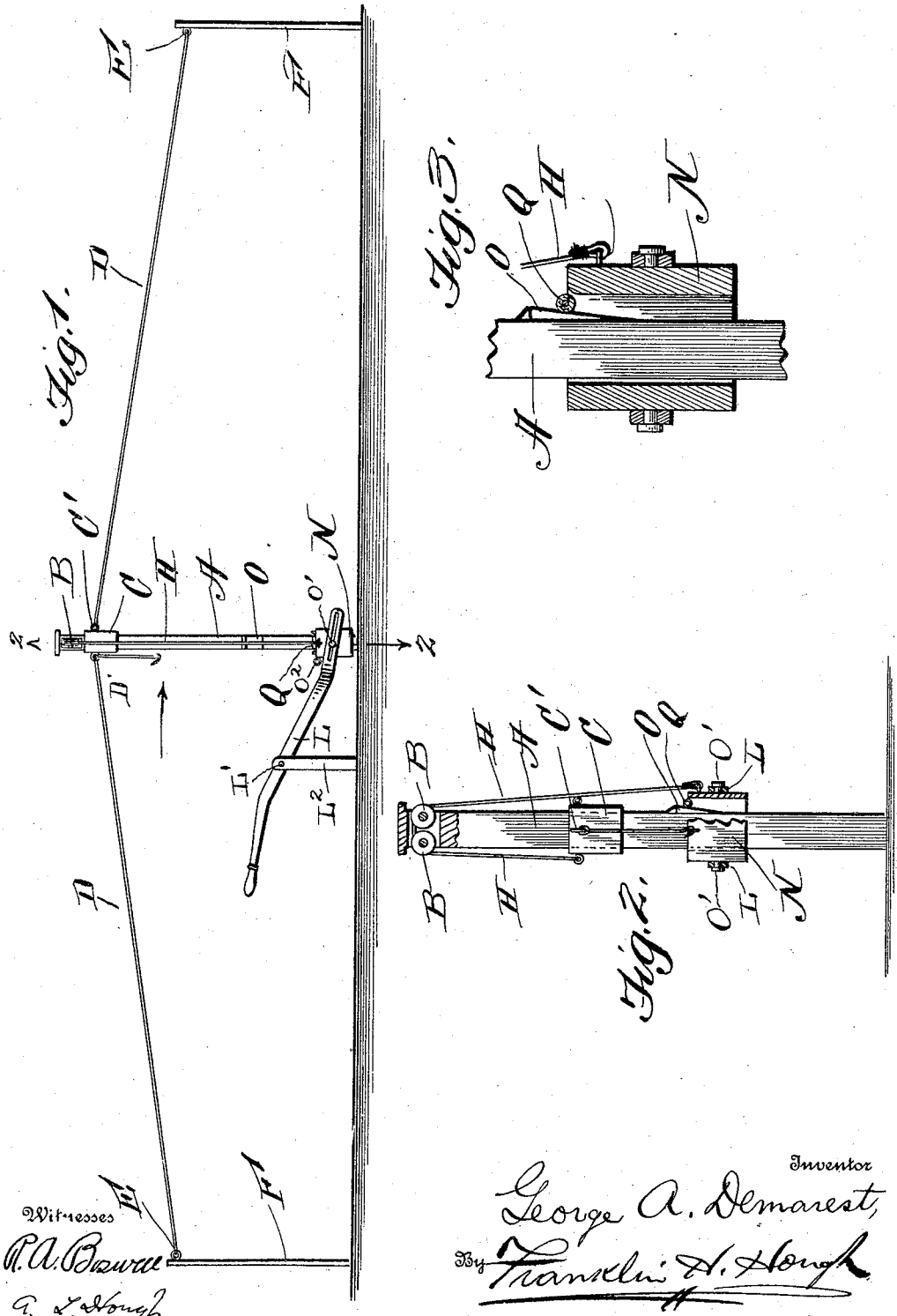
No. 842,085. PATENTED JAN. 22, 1907.

G. A. DEMAREST.

CLOTHES LINE APPARATUS.

APPLICATION FILED JUNE 28, 1906.



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CLOTHES-LINE APPARATUS.

No. 842,085. Specification of Letters Patent. Patented Jan. 22, 1907.

Application filed June 28, 1906. Serial No. 323,945.

To all whom it may concern:

Be it known that I, GEORGE ANDREW DEMAREST, a citizen of the United States, residing at Berwick, in the parish of St. Mary and State of Louisiana, have invented certain new and useful Improvements in Clothes-Line Apparatus; and I 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in clothes-line apparatus, and comprises a central post on which is mounted a movable shell connected to a weighted member also mounted upon the post, said post being provided with a wedge-shaped member fixed to the face of the post and against which an antifriction-roller upon the weighted member is adapted to contact, and in the provision of pivotal lever mechanism connected to the weighted member whereby the same may be raised.

My invention comprises various other details of construction and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a cross-sectional view on line 2 2 of Fig. 1, and Fig. 3 is an enlarged longitudinal section.

Reference now being had to the details of the drawings by letter, A designates a post, which may be of any height and provided with sheaves B, which are journaled, preferably, in a recess formed in the upper end thereof. Mounted to have a vertical movement upon said post is a tubular shell C, surrounding the post A, upon which it slides, having eyes C′ projecting therefrom, to which the lines D may be fastened, the other ends of the lines being adapted to be secured to the eyes E, carried by the posts F, which may be positioned at any distance from the central post. Secured to said shell C is a rope or wire H, which passes over said pulleys and has its other end fastened to the tubular weight N, which is also mounted to have a vertical movement upon the post A which it surrounds, a slight space intervening between the post and one wall of the opening of said weight to allow the weight to pass over a portion of the wedge-shaped member O, which is fastened to one face of the central post. An antifriction-roller Q is journaled upon said weighted member and projects over the opening therein and is adapted to contact with the face of said wedge to limit the upper movement of the weight. There may be any number of clothes-lines fastened to said shell and all adapted to be raised and lowered by the weight, the same being of sufficient size to raise the clothes which are desired to be hung upon the lines. In order to raise said weight, I provide a lever L, pivotally mounted upon a pin L′, carried by the post L^2. One end of said lever is forked and has elongated slots therein, adapted to receive the pins O′, which project from the weight, (shown clearly in Fig. 2 of the drawings,) whereby an operator may conveniently raise the weight. A hook D′ is fastened to one of the eyes of the shell C and is adapted to engage an eye O^2 upon the weight, whereby said shell and weight may be connected together.

In operation when it is desired to lower the lines to receive clothes the weight is raised, the line lowering by gravity, after which the weight may be lowered and the lines raised to the desired position, the upper movement of the weight being limited by the wedge-shaped member, against which the roller contacts.

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

1. A clothes-line apparatus, comprising a central post, a shell movably held upon said post, a weighted member having a central opening to receive said post upon which it is vertically movable, a wedge-shaped member fixed to the face of the post, an antifriction-roller journaled upon the weight and projecting over one of the walls of the central opening therein and adapted to contact with said wedge-shaped member, sheaves mounted upon said post, a rope passing over said sheaves and connected to said weighted member and also to said shell and clothes-lines secured at their inner ends to said shell and fixed at their outer ends, as set forth.

2. A clothes-line apparatus, comprising a central post, a shell movably held thereon,

line-wires connected to said shell, sheaves at the top of the post, a rope passing over said sheaves and secured to said shell, a vertically-movable weighted member upon said post and to which said rope is connected, a hook pivotally connected to the shell and adapted to engage an eye upon said weighted member, and lever mechanism for raising said weight, as set forth.

3. A clothes-line apparatus, comprising a central post, a shell movably held thereon, line-wires connected to said shell, sheaves at the top of the post, a rope passing over said sheaves and secured to said shell, a vertically-movable weighted member upon said post and to which said rope is connected, a hook pivotally connected to the shell and adapted to engage an eye upon said weighted member, lever mechanism for raising said weight, comprising a pivotal lever having a forked end, the arms of said forked end being longitudinally slotted, and pins projecting from said weight and engaging said slots, as set forth.

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

GEORGE ANDREW DEMAREST.

Witnesses:
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