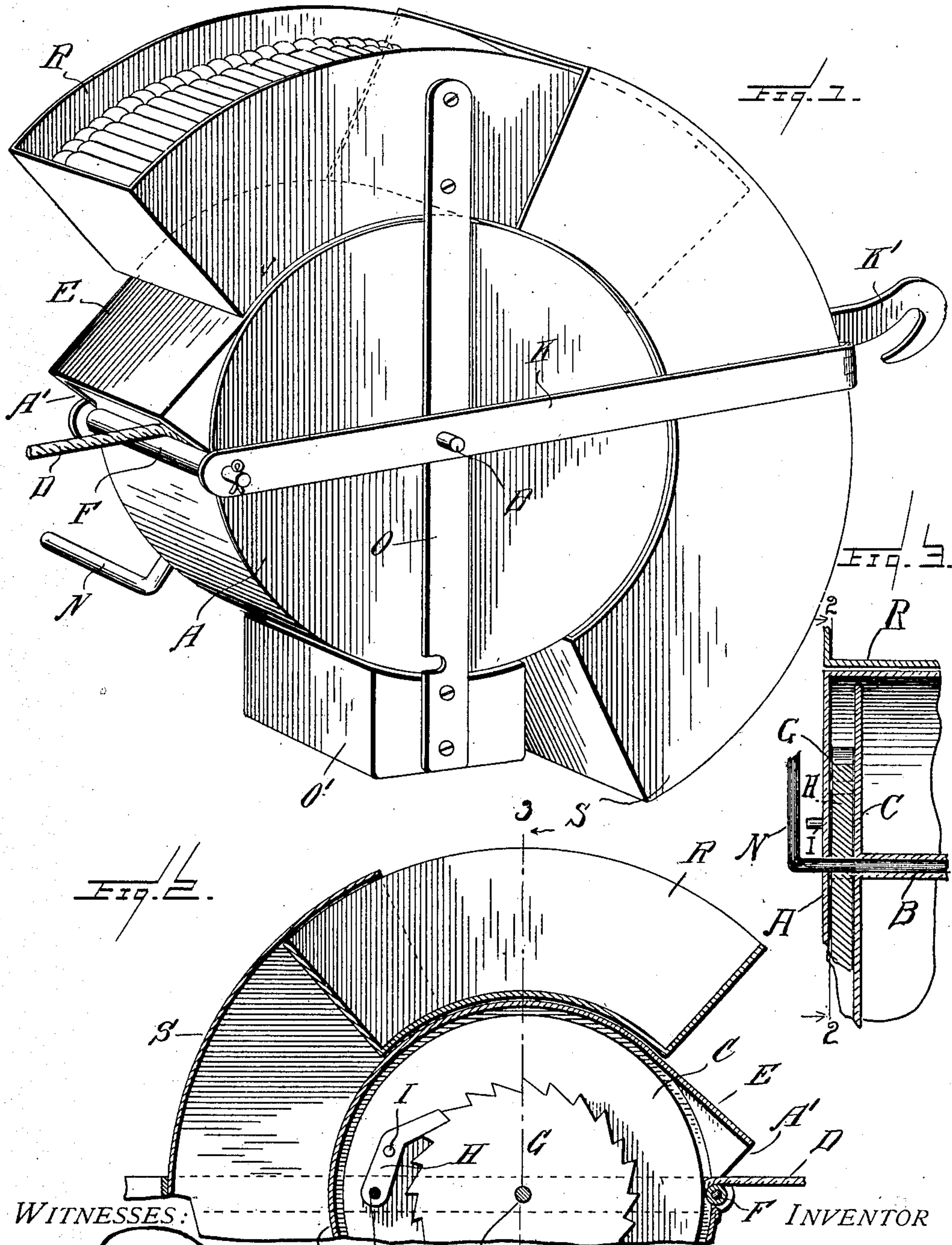


S. SETTLES.  
CLOTHES LINE REEL.  
APPLICATION FILED MAR. 19, 1908.

919,388.

Patented Apr. 27, 1909.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

SIMON SETTLES, OF LA DUE, MISSOURI, ASSIGNOR OF ONE-THIRD TO CYRUS M. BEACHY, OF WICHITA, KANSAS.

## CLOTHES-LINE REEL.

No. 919,388.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed March 19, 1908. Serial No. 422,019.

*To all whom it may concern:*

Be it known that I, SIMON SETTLES, a citizen of the United States, residing at La Due, in the county of Henry and State of Missouri, have invented certain new and useful Improvements in Clothes-Line Reels; 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 holders and stretchers, and comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings in which:—

Figure 1 is a perspective view of my invention, and Fig. 2 is a vertical section through the casing on line 2-2 of Fig. 3, showing the ratchet wheel and means for holding the reel from rotating in one direction. Fig. 3 is a sectional view taken on line 3—3 of Fig. 2.

Reference now being had to the details of the drawings by letter, A designates a casing having a shaft B journaled in the opposite ends thereof and upon said shaft is a reel C to which a clothes line D is fastened and about which it is wound. Said casing is provided with a slot A' through which the line passes, said slot being protected by a suitable hood E. An anti-friction roller F is mounted preferably along the marginal edge of said slot and over which the line passes as shown. A suitable ratchet wheel G is fixed to the shaft B at one end of the reel, and H designates a gravity pawl mounted on a pivot pin H' and is adapted to engage the teeth of said ratchet wheel to prevent the latter and the reel from rotating in one direction. A button I is mounted at one end of the casing, passing through a slot therein, and is adapted to engage said pawl

whereby, as the button is pushed upon, the pawl may be lifted out of engagement with the ratchet teeth, after which the reel may rotate in either direction. Pivotaly connected upon said shaft B are the bracket arms K which are fastened together in any suitable manner, as by bolts and nuts, and one end of one of said bracket arms is formed into a hook K', forming means whereby the same may be attached to any support. One end of said shaft is formed into a crank N whereby the reel may be rotated for winding up the line. Pivotaly mounted upon said shaft are the arms O, one at either end of the reel, and O' designates a weight which is fastened to corresponding ends of the arms O and to the opposite ends of the arms O is fastened a receptacle R for holding clothes pins or other clothes fastening devices. Said receptacle R, which is open at its top, is made on the arc of a circle to conform to the circumference of the casing about which it moves, and S designates a housing about a portion of said casing, said housing being formed upon the arc of a cylinder and open on its end for the reception of said pin receptacle whereby, when the casing containing the reel is suspended and not in use, the weight will hold the receptacle in which the clothes fastening pins or fasteners are extended wholly within the housing S, but when the line is drawn taut, and the reel casing assumes the position shown in Fig. 1, the receptacle containing the pins or clothes fasteners will be in position outside the housing. Said housing S has the bracket arms K fastened thereto and is slightly wider than the length of the casing A and has its inner marginal edges open, as shown clearly in Fig. 3 of the drawings, whereby the arms O secured to the receptacle R may swing freely into said housing.

From the foregoing, it will be noted that, by the provision of the apparatus shown and described, a simple and efficient apparatus is afforded whereby a clothes line may be held taut and the reel upon which it winds protected from the elements and also in the provision of a receptacle for holding clothes fastening devices, which receptacle is auto-

5 matically thrown into a housing when in use  
and, when the line is drawn taut, the recep-  
tacle for the fastening devices is opened by  
the weighted member, making the receptacle  
of convenient access.

What I claim to be new is:—

10 In combination with a cylindrical casing,  
a reel shaft journaled in the ends of said cas-  
ing, bars mounted upon said shaft, a coun-  
ter-balance weight fixed to said bars, a re-  
ceptacle to which said bars are fastened, a

housing, a bracket member secured thereto  
and pivotally mounted upon the ends of the  
reel shaft, said housing being open at one end  
and adapted to receive said receptacle, as set 15  
forth.

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

SIMON SETTLES.

—Witnesses:

I. D. SETTLES,

FLORENCE MADDOX.