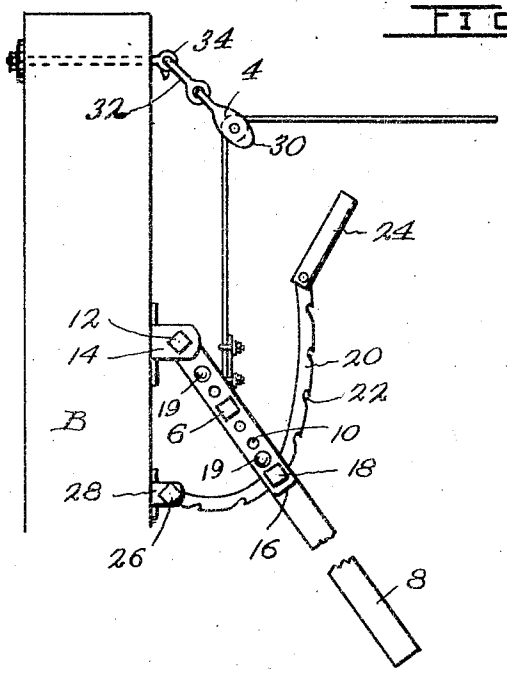
Dec. 22, 1925. 1,566,702

W. A. SIMMONS

CLOTHESLINE ADJUSTER

Filed Sept. 15, 1924

FIG. 1.



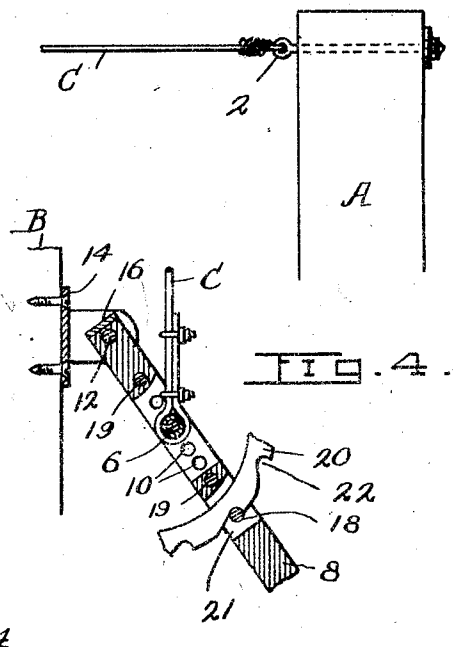


FIG. 4.

FIG. 2.

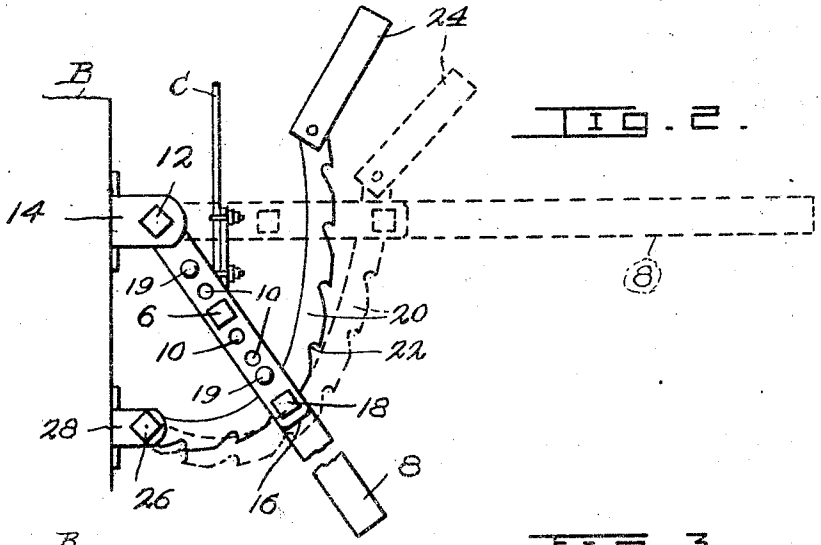
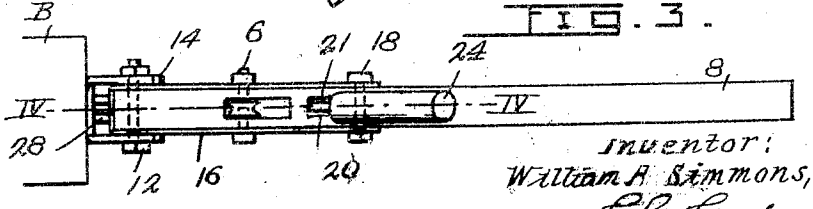


FIG. 3.



Inventor:
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Patented Dec. 22, 1925. 1,566,702

UNITED STATES PATENT OFFICE.

WILLIAM A. SIMMONS, OF PLEASANTON, KANSAS.

CLOTHESLINE ADJUSTER.

Application filed September 15, 1924. Serial No. 737,827.

To all whom it may concern:

Be it known that I, WILLIAM A. SIMMONS, a citizen of the United States, residing at Pleasanton, in the county of Linn and State of Kansas, have invented certain new and useful Improvements in Clothesline Adjusters, of which the following is a specification.

My invention relates to clothes-line adjusters and one object is to provide a device of this character for holding one end of a clothes-line and taking up slack, so that the usual clothes-line props need not be employed.

A further object is to provide a device of this character of simple and inexpensive construction and which is reliable in operation, and in order that the invention may be readily understood reference will now be had to the accompanying drawing, in which:

Fig. 1 is a side elevation of the device associated with a clothes-line and supports.

Fig. 2 is a broken detail side elevation of the device showing the operation thereof in full and dotted lines.

Fig. 3 is a plan view of the device with some of the parts removed.

Fig. 4 is a broken longitudinal section on line IV—IV of Fig. 3.

Referring now in detail to the various parts, A and B designate two stationary supports in the form of posts which are spaced a suitable distance apart. C designates a clothes-line which may consist of rope or wire and has one end attached in any suitable manner to the post A, as by an eye-bolt 2.

The opposite end of the clothes-line C runs over a guide sheave 4 and is attached to a bolt 6 carried by a hand lever 8, which has a plurality of holes 10 to permit of adjustment of the bolt 6 towards or away from the free end of said lever 8. The opposite end of the lever 8 is mounted on a fulcrum 12 carried by a clevis 14 secured to the post B. The fulcrumed end of the lever 8 is strengthened by a U-shaped metallic reinforcement 16 through which the bolt 6 and the fulcrum 12 extend. The reinforcement 16 is firmly secured to the levers 8 by suitable means such as bolts 19. Another bolt 18 extends through said reinforcement 16 for engagement by a curved latch 20, which extends through a slot 21 in the lever 8 and has ratchet teeth 22. One end of the latch 20 is provided with a handle 24, while its opposite end is fulcrumed at 26 to a clevis 28 secured to the post B.

The guide sheave 4 is mounted in a hood 30 loosely connected to a hook 32 engaging an eye-bolt 34 secured to the upper portion of the post B.

In practice one end of the clothes-line C is attached to the eye-bolt 2, and its opposite end is run over the guide sheave 4 and attached to the bolt 6, while the lever 8 is in raised position. When the clothes-line C is attached to the bolt 6 the slack is taken up so that as said clothes-line becomes stretched from use the slack therein may be taken up by adjusting the lever 8 downwardly, it being held at any point of its adjustment by the latch 20, one of the teeth 22 of which automatically engages over the bolt 18. By raising the lever 8 to the dotted line position Fig. 2, the clothes-line C is lowered, thereby making it more convenient to hang clothes thereon or remove them therefrom, after which said clothes-line may again be drawn taut. Should the clothes-line C stretch from use and slack occur after the lever 8 has been adjusted downwardly to the end of its movement, such slack may be taken up by placing the bolt 6 in one of the lower holes 10. When it is desired to raise the lever 8, the handle 24 is first grasped and raised to lift the latch 20 out of engagement with the bolt 18.

From the foregoing description it is apparent that I have provided a clothes-line adjuster embodying the advantages above pointed out, and while I have shown and described the preferred construction, combination and arrangement of parts, I reserve the right to make such changes as properly fall within the spirit and scope of the invention as claimed.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:

In a device of the character described, a

stationary support, a lever operably associated with said support and having a series of transverse holes and a slot, an element adapted to be placed through any of said holes and to which a clothes-line is attached, a member fixed to the lever and extending through the slot therein, and a curved latch operably associated with the stationary support and having ratchet teeth for engaging said member secured to the lever to hold the latter at any point of its adjustment.

In testimony whereof I affix my signature.

WILLIAM A. SIMMONS.