W. BENCZALSKI.

LAUNDRY HANGER.

APPLICATION FILED JUNE 23, 1920.

1,368,383.

Patented Feb. 15, 1921.

FIG. 1.

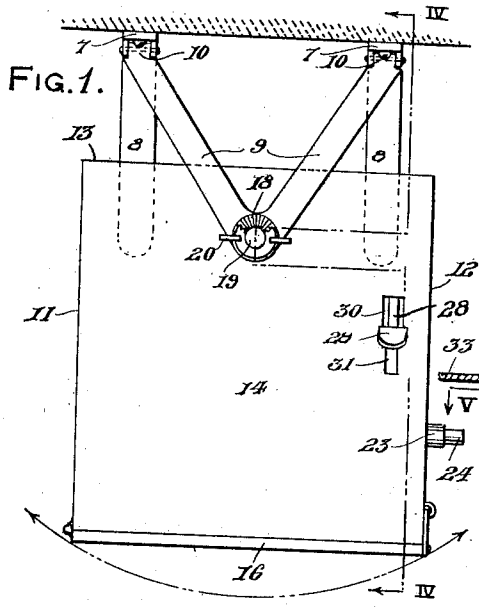


FIG. 2.

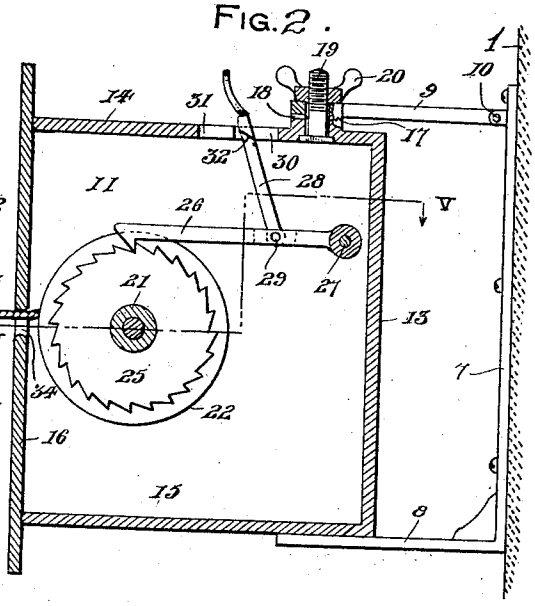
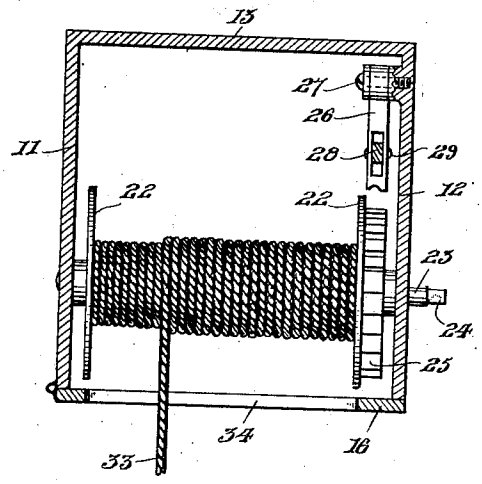


FIG. 3.



Inventor

W. Benczalski

By A. M. Wilson

Attorney

UNITED STATES PATENT OFFICE.

WOJCIECH BENCZALSKI, OF EUREKA, CALIFORNIA.

LAUNDRY-HANGER.

1,368,383. Specification of Letters Patent. Patented Feb. 15, 1921.

Application filed June 23, 1920. Serial No. 391,179.

To all whom it may concern:

Be it known that I, WOJCIECH BENCZALSKI, a citizen of Poland, residing at Eureka, in the county of Humboldt and State of California, have invented certain new and useful Improvements in Laundry-Hangers, of which the following is a specification.

This invention relates to certain new and useful improvements in laundry hangers and has for its primary object to provide a laundry hanger or clothes line suspending device adapted for mounting within the room of a house and especially the kitchen or laundry room.

A further object of the invention is to provide a laundry hanger that is adjustable in the length thereof while the reel inclosing casing is adjustably mounted upon the wall of the room and completely houses the clothes line when the same is out of use.

With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the appended claims.

In the drawings forming a part of this application and in which like designating characters refer to corresponding parts throughout the several views,

Figure 1 is a top plan view of the reel casing showing the lower casing supporting arms and the upper adjustable brace arm,

Fig. 2 is a cross sectional view taken on line IV—IV of Fig. 1 showing the pawl and ratchet mechanism for maintaining the clothes line in a taut condition,

Fig. 3 is a cross sectional view taken on line V—V of Fig. 2 showing the clothes line reel in plan.

Referring more in detail to the accompanying drawing there is illustrated a laundry hanger adapted for mounting in the kitchen room of a house, such room being illustrated as embodying a wall 1.

The laundry hanger includes the mounting of a reel and inclosing casing therefor upon brackets mounted on the wall 1 of the room, the mounting including a bracket embodying vertical legs 7 and lower horizontal legs 8, while a V-shaped clamping frame 9 has the free ends thereof pivotally mounted as at 10 adjacent the upper ends of the legs 7.

The casing inclosing the reel embodies end walls 11 and 12, a rear wall 13, top and bottom walls 14 and 15 respectively, and a hinged forward door 16. The bottom wall 15 of the casing is mounted on the horizontal arms 8 of the brackets while the clamping arms 9 overlie the top wall 14 for retaining the casing on the bracket. The connection between the clamping arms 9 and the casing includes the provision of an upstanding tubular boss 17 surrounding an opening adjacent the rear end of the top 14 which registers with an opening provided in the forward end of the clamping arms 9 while the engaging faces of the tubular boss 17 and clamping arms at their apex are toothed as at 18 to prevent movement of the casing relative to the clamping arms.

A headed screw bolt 19 extends upwardly through the tubular boss on the cover 14 and the opening in the adjacent end of the clamping arms and receives the thumb nut 20 to lock the parts in adjusted assembled relations.

The reel within the casing embodies a drum 21 carrying end flanges 22 and fixed to the shaft 23 projecting through the casing wall 12 and provided with a wrench hold 24 upon the end thereof. A ratchet wheel 25 is secured to the outer face of the drum flange 22 adjacent the side wall 12 and is adapted to be engaged by the lever pawl 26 pivotally mounted as at 27 upon the inner face of the casing wall 12.

In order to shift the lever pawl 26 to an inoperative position out of engagement with the ratchet wheel 25, there is provided an arm 28 pivotally mounted as at 29 to the ratchet pawl intermediate the ends thereof and projecting upwardly through the slot 30 in the top wall 14 of the casing, the forward end of the slot being of reduced diameter as at 31 to engage the side lugs 32 upon the arm 28 and support the arm and ratchet lever in elevated positions.

The clothes line embodies a rope 33 anchored at one end to the drum 21 and wound thereon as illustrated in Fig. 3, with the free end of the rope projecting through the horizontal slot 34 in the front wall 16 of the casing while the outer free end of the rope carries an attaching ring. A crank handle applied to the key end 24 of the shaft 23 will wind the rope 33 upon the drum 21 until the desired tautness is attained, during which time the ratchet lever

26 will move over the wheel 25 and prevent a reverse rotation of the drum 21.

It is noted that the arm 28 may be elevated in the slot 30 to position the side lugs 32 of the arm over the reduced portion 31 of the slot, at which time the ratchet pawl 26 will be held elevated out of engagement with the ratchet wheel 25 thus to permit a free unwinding movement of the rope from the drum 21. The connection between the clamping arms 9 and the upper wall 14 of the casing will permit an angular adjustment of the reel inclosing casing so that a direct pull may be obtained upon the drum 21.

While the form of the invention herein shown and described is what is believed to be the preferred embodiment thereof, it is nevertheless to be understood that various forms, modifications and arrangements of the parts may be made without departing from the spirit and scope of the invention as claimed.

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

1. A laundry hanger comprising a casing, a rope reel within the casing, a pawl and ratchet device for preventing movement of the reel in one direction, an operating arm carried by the pawl, said casing having a slot therein through which said arm extends, and a shoulder formed on said arm adapted for engagement with the walls of the slot at one end thereof for holding the pawl disengaged from the ratchet during the unwinding of the rope from the reel.

2. A laundry hanger comprising in combination with a casing having a slot with a reduced end in one wall thereof, and a rope drum within the casing, a ratchet wheel carried by said drum, a pawl pivoted within the casing for coöperation with the ratchet wheel, and an arm pivoted to said pawl and extending through the casing slot and constructed for coöperation with the reduced end of the slot for holding the pawl free of engagement with the ratchet wheel during unwinding of the reel.

3. A laundry hanger comprising in combination with a casing having a slot with a reduced end in one wall thereof, and a rope drum within the casing, a ratchet wheel carried by said drum, a pawl pivoted within the casing for coöperation with the ratchet wheel, an arm pivoted to said pawl and extending through the casing slot, and side lugs carried by said arm adapted for engagement with the walls of the reduced end of the slot for holding the pawl free of engagement with the ratchet wheel during unwinding of the reel.

4. A laundry hanger comprising in combination with a casing having a slot with a reduced end in one wall thereof, and a rope drum within the casing, a ratchet wheel carried by said drum, a pawl pivoted within the casing for coöperation with the ratchet wheel, an arm pivoted to said pawl and extending through the casing slot, and side lugs carried by said arm adjacent the outer end thereof and freely movable through the wide end of the slot adapted to engage the walls of the reduced end of the slot for holding the pawl free of engagement with the ratchet wheel during unwinding of the reel.

In testimony whereof I affix my signature.

WOJCIECH BENCZALSKI.