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L. W. PARKER.

BRACKET HOSE REEL.

APPLICATION FILED AUG. 7, 1906.

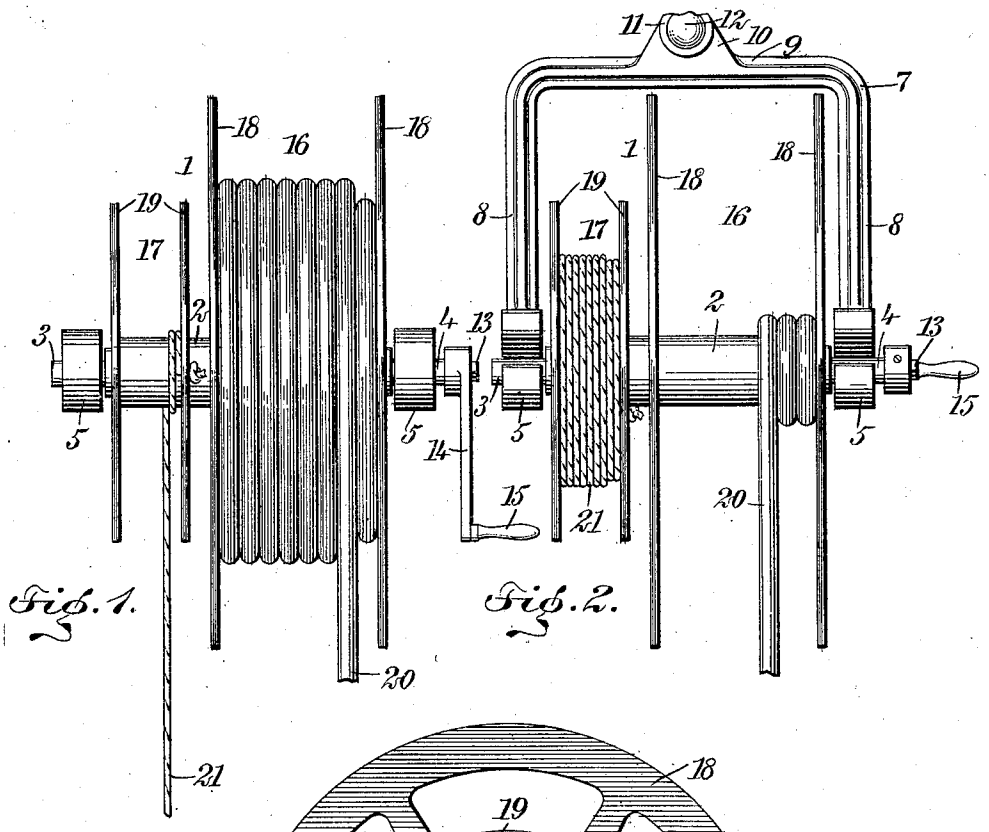


Fig. 1.

Fig. 2.

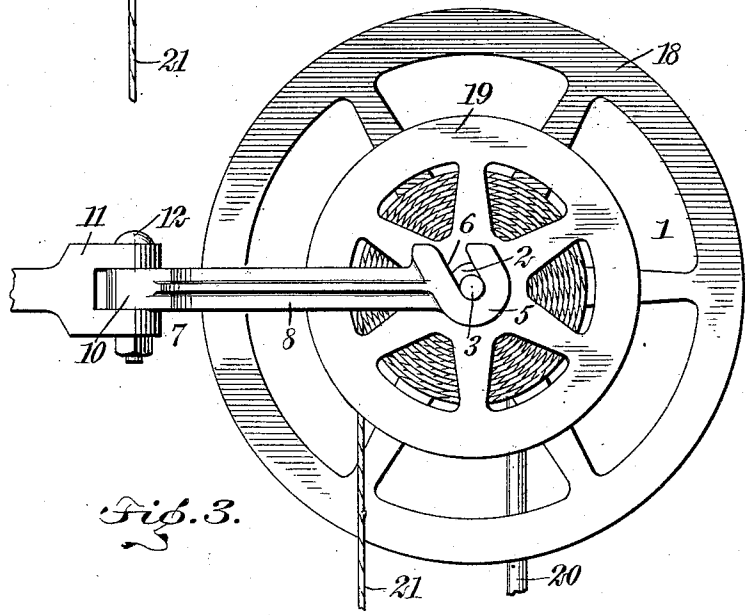


Fig. 3.

WITNESSES

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BRACKET HOSE-REEL.

No. 889,038. Specification of Letters Patent. Patented May 26, 1908.

Application filed August 7, 1906. Serial No. 329,543.

To all whom it may concern:

Be it known that I, LEWIS WOODRUFF PARKER, a citizen of the United States, and a resident of Mobile, in the county of Mobile and State of Alabama, have invented a new and Improved Bracket Hose-Reel, of which the following is a full, clear, and exact description.

This invention relates to bracket hose reels and is particularly useful in connection with devices of this character to be pivotally mounted upon a wall or other supporting surface.

The object of the invention is to provide a hose reel simple, strong and durable in construction, and which has means for winding the hose upon the reel from a distance.

A further object of the invention is to provide a device of this character, which may be supported out of reach of the user, but upon which the hose may be wound without difficulty.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claim.

Reference is to be had to the drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, and in which

Figure 1 is a front elevation of the reel, showing a hose wound thereupon; Fig. 2 is a top view of the device, showing the same mounted upon its supporting bracket; and Fig. 3 is a side elevation of the invention.

Referring more particularly to the drawings, 1 represents the reel comprising a shaft or drum 2 having journals 3 and 4 at the extremities thereof. The journals are adapted to be mounted in recesses or seats 6 formed in the ends 5 of a bracket 7, preferably U-shaped as shown in Fig. 2, and having arms 8. The recesses 6 are inclined toward the back of the supporting bracket, thereby preventing the reel from being easily displaced from the bearings. The transverse member 9 of the bracket has a lateral ear 10 adapted to be attached pivotally to a member 11 by means of a pin 12. The member 11 may be secured to a wall or other support in any common manner. By means of the pivotal connection between the member 11 and the bracket 7, the reel may be swung about in a horizontal plane as the circumstances require, to facilitate the unwinding of the hose.

The journal 4 at one end of the drum 2 has an extension 13 preferably of square section, upon which is mounted a crank 14 having a handle 15, by means of which the reel may be turned to wind or unwind the hose.

The reel is formed into drum sections 16 and 17 by means of disk collars 18 and 19, rigidly mounted upon the drum 2. The drum section 16 is adapted to have the hose 20 wound thereupon, while the drum section 17 is adapted to have a rope or cord 21 similarly wound thereupon but in an opposite direction from that in which the hose is wound upon the other drum. It will be understood, consequently, that as the hose is wound up upon the reel the rope will be unwound therefrom, and vice versa; thus, if the hose is unwound by pulling the same from the reel, the cord will be simultaneously therewith, wound up upon its drum. If thereafter, it is inconvenient to wind up the hose by turning the crank handle, the reel may be rotated simply by drawing upon the end of the cord, and unreeling the same from its drum, whereupon the hose will be wound up upon the drum 16 in the usual manner.

To avoid the possibility of having the hose and rope become entangled in any manner the drum sections are separated by the individual disk collars which form them. If so desired, the disk collar 19 adjacent to the drum section 16 may be dispensed with and the drum section 17 will then be formed between the outside collar 19 and the adjacent collar 18.

My invention is particularly useful when it is convenient to support the hose reel at some height from the ground, beyond the reach of the user. In that case, when the hose is being wound up, the unwound portion will hang downward, thereby permitting the water to run out of the same, and obviating the necessity of handling the hose, which may have become muddy during its use, or otherwise dirtied.

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

A bracket hose reel, comprising a U-shaped bracket having an apertured ear projecting from its transverse member to permit it to be pivoted to a support to swing in a horizontal plane, the parallel members of the bracket being provided at their ends with rearwardly inclined recesses, and a drum of a uniform diameter and having trunnions

mounted in the recesses of the bracket, said drum having two pairs of disks rigidly mounted thereon, one pair of disks being smaller and arranged closer together than the other pair and spaced therefrom, whereby two distinct drum sections of unequal size and spaced from each other are formed, the larger section of the drum being adapted to have a hose wound thereon and the smaller section adapted to have a rope wound upon it in an opposite direction to that of the hose.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS WOODRUFF PARKER.

Witnesses:

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