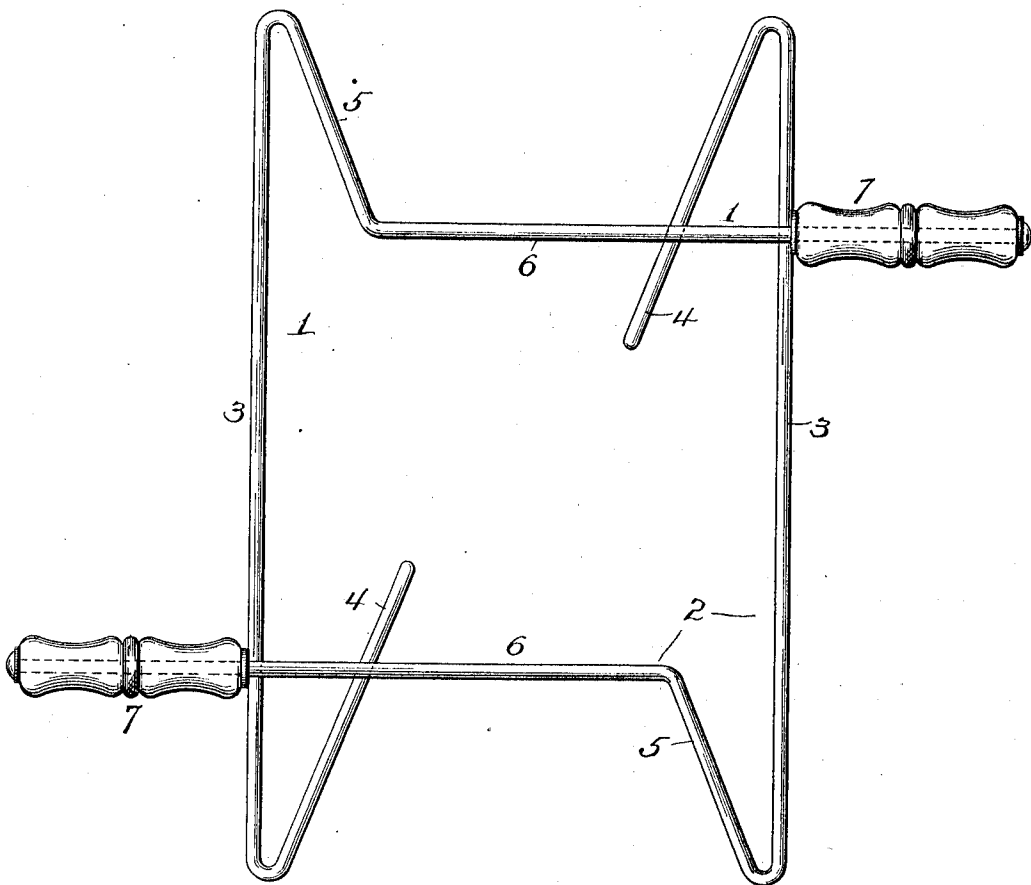


W. E. HUENEFELD.
HAND REEL FOR CLOTHES LINES.
APPLICATION FILED DEC. 4, 1911.

1,039,288.

Patented Sept. 24, 1912.



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WALTER E. HUENEFELD, OF CINCINNATI, OHIO.

HAND-REEL FOR CLOTHES-LINES.

1,039,288.

Specification of Letters Patent. Patented Sept. 24, 1912.

Application filed December 4, 1911. Serial No. 663,852.

To all whom it may concern:

Be it known that I, WALTER E. HUENEFELD, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Hand-Reels for Clothes-Lines; 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.

This invention relates to improvements in hand reels for clothes lines,—the object of the invention being to provide a light, inexpensive structure which can be operated by both hands of the user to readily wind a clothes line.

With this object in view the invention consists in certain novel features of construction as hereinafter set forth and pointed out in the claim.

The accompanying drawing is a view of a hand reel embodying my improvements.

My improved reel is composed of two wire parts 1—2, welded or otherwise secured together so as to form a frame having a general rectangular shape.

In forming each part of the device, a wire rod 3 is bent near one end to form an arm 4 disposed at an acute angle to the rod 3. The rod or wire 3 is also bent to form another arm 5 disposed at an acute angle to the rod 3. From the inner end of the arm 5, the wire is extended to form a rod 6 disposed at right angles to the rod 3. The two wire parts thus formed, are placed one upon the other so that the rod 6 of one wire part will extend across the arm 4 and the rod 3 of the other wire part and where said rod 6 of one wire part engages the arm 4 and rod 3 of the other wire part, it is securely fastened thereto by welding or in any other suitable manner. When the two wire parts are thus secured together, the arms 4 will project inwardly beyond the rods 6 and afford means for attachment of the looped end

of a clothes line to the device. The rods 6 project beyond the rods 3 and these projecting portions of the rods 6 are located near diagonally opposite corners of the reel or frame,—said projecting portions of the rods 6 constituting bearings on which handles 7 are loosely mounted.

The parallel bars 6, 6, on which the clothes line is wound may be termed the “winding bars”. The parallel bars 3, 3, and which constitute the heads or ends of the reel may be called the “end bars” and the projecting angular portions at the corners of the frame may be called “end flanges” as they serve the purpose of the end flanges of a reel.

In using the device, the looped end of the clothes line will be attached to the inwardly projecting end of one of the arms 4 and the operator, grasping the handles at diagonally opposite corners of the reel, will turn the latter on an imaginary axis and cause the clothes line to be wound upon the rod 6 and coiled on said rods between the arms 4—5 of the respective reel parts,—said arms 4—5 thus constituting reel ends or heads to prevent displacement of the clothes line.

Having fully described my invention what I claim as new and desire to secure by Letters-Patent,—

A hand reel consisting of a rectangular frame formed of two pieces of wire bent to form two parallel winding bars, two end bars, four end flanges, one of the ends of each piece projecting inside one of the winding bars, and the other end projecting outside one of the end bars and constituting handle supports, and revoluble handles mounted on said supports.

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

WALTER E. HUENEFELD.

Witnesses:

CHARLES F. RIETMAN,
J. H. W. WURSTER.

Copies of this patent may be obtained for five cents each, by addressing the “Commissioner of Patents, Washington, D. C.”