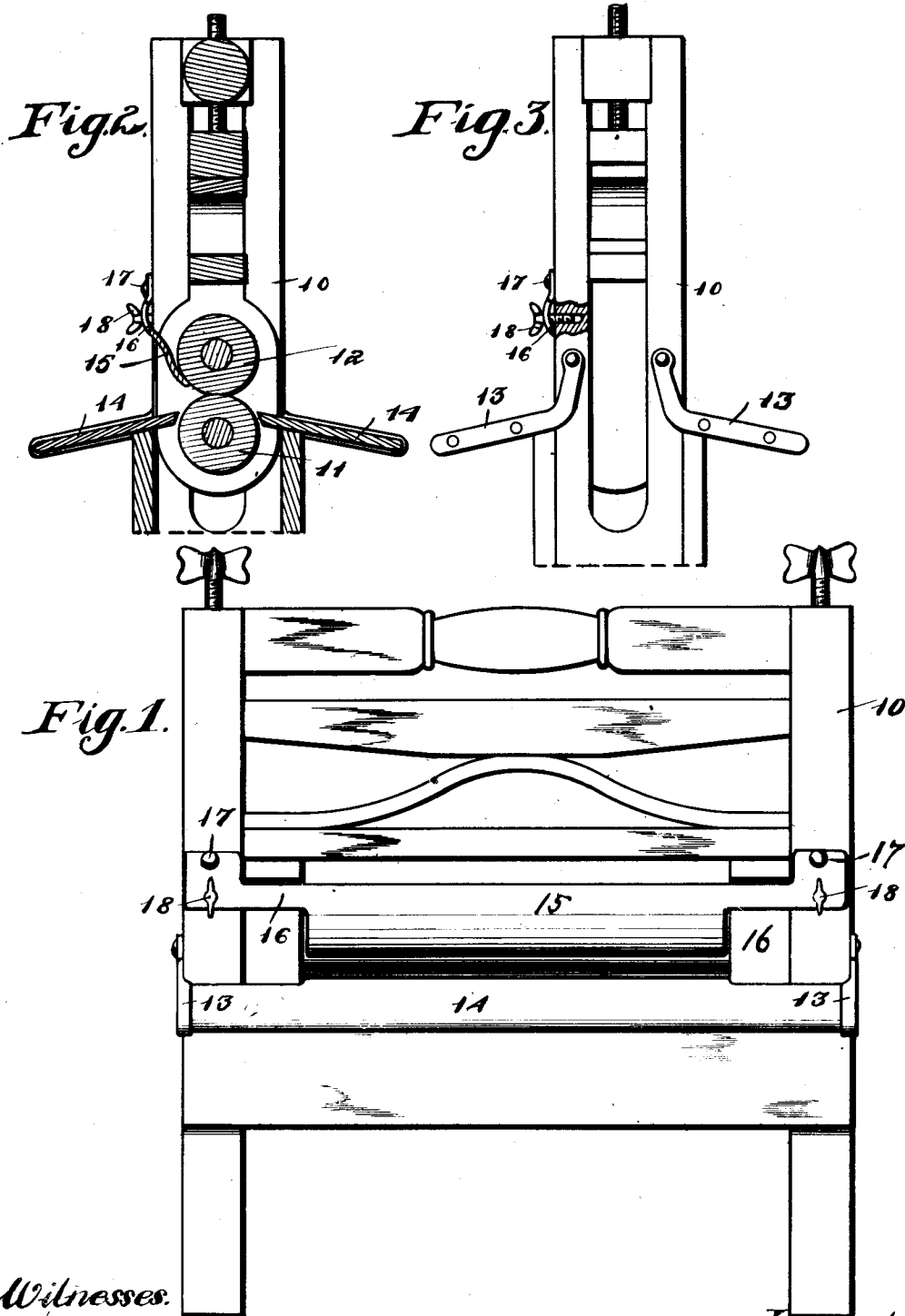


J. C. THOMPSON.
CLOTHES WRINGER.
APPLICATION FILED JULY 13, 1910.

1,036,027.

Patented Aug. 20, 1912



Witnesses.
W. A. Loftus.
A. G. Hague

Inventor.
John C. Thompson.
by Ralph Drwig Atty.

UNITED STATES PATENT OFFICE.

JOHN CASS THOMPSON, OF CINCINNATI, OHIO.

CLOTHES-WRINGER.

1,036,027.

Specification of Letters Patent.

Patented Aug. 20, 1912.

Application filed July 13, 1910. Serial No. 571,862.

To all whom it may concern:

Be it known that I, JOHN C. THOMPSON, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a certain new and useful Clothes-Wringer, of which the following is a specification.

The object of my invention is to provide a device in the nature of an attachment especially designed to be applied to wringers of the class which are operated by other than manual power for the purpose of preventing clothes from winding upon the rolls of the wringer and thereby avoid injury to both the wringer and to the clothes and to expedite the operation of wringing clothes.

My invention consists in the construction of the attachment and its arrangement and combination relative to the wringer whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims and illustrated in the accompanying drawings, in which:

Figure 1 shows a side elevation of a wringer provided with an attachment embodying my invention. Fig. 2 shows a vertical, central, transverse, sectional view of same, and Fig. 3 shows an edge elevation of same with parts broken away to show certain details of construction.

Referring to the accompanying drawings, I have used the reference numeral 10 to indicate the frame of the wringer, 11 the lower wringer roll and 12 the upper one. The wringer frame and rolls are of the ordinary construction and of themselves form no part of my present invention; the rolls being mounted in the wringer frame in the ordinary manner.

Mounted at the sides of the frame are two feed and discharge boards. These boards are supported in pivoted brackets 13 and extend from a point slightly below the top of the lower wringer roll with their inner ends slightly spaced apart and inclined outwardly and downwardly, the boards being indicated by the numeral 14, and their arrangement being such that the operator may place clothes upon either one of them and slide the clothes over the feed board so that they will be caught between the rolls without danger of the operator having his fingers caught between the rolls. By providing two of said feed and delivery boards at opposite sides of the wringer rolls it is obvious that the rolls may be reversed in their movement

and clothes may be fed between the rolls from either side with equal facility.

In order to prevent clothes from wrapping around the rolls, I provide a stripper plate 15 preferably made of spring material. At the ends of the body portion are the extensions 16 which are secured to the sides of the wringer frame by the bolts 17. Said plate is curved from its point of attachment to the wringer frame to its lower edge as clearly shown in Fig. 2; said lower edge preferably being beveled and being set in position close to the upper wringer roll at a point slightly spaced apart from the point where said upper wringer roll engages the lower one. At a point spaced below the bolts 17, I have provided two set screws 18 extended through openings in the stripper plate and seated in the sides of the wringer frame as shown in Fig. 3. By means of these screws the curved stripper plate may be adjusted on account of the resiliency of the material of which it is formed so that its lower edge will firmly engage the upper roll and may be adjusted to position slightly spaced apart from said roll, and furthermore, the resiliency of the metal will permit the lower edge of the stripper plate to closely follow the surface of the wringer if said surface should be slightly irregular.

In practical operation and assuming that clothes are being fed between the wringer rolls from the side opposite from the stripper plate as, for instance, from the right, as appears in Fig. 2, then such of the clothes as would have a tendency to adhere to either of the wringer rolls will adhere to and follow the surface of the upper roll owing to the fact that the upper roll is comparatively dry and the lower roll is constantly covered with a stream of water flowing from the clothes being passed through between the rolls. As soon as the clothes adhering to the upper roll engage the lower beveled edge of the stripper plate they will be stripped from the upper roll and directed outwardly over the discharge board on the opposite side of the roll. The operator may, by an adjustment of the set screws 18, set the stripper plate so that its edge will engage the upper roll with sufficient firmness to prevent clothes from winding upon it or it may be adjusted to position where it will stand clear of the upper roll.

I claim as my invention:

1. In a device of the class described, the

combination of a wringer frame, two rolls mounted therein, a stripper plate connected at its ends to the wringer frame and made of flexible material and having one edge in position adjacent to one of the wringer rolls, and two independent adjusting devices at opposite ends of the stripper plate whereby either side may be independently adjusted to move said side toward or from the wringer roll to thereby yieldingly hold one edge of the stripper plate against the wringer roll and to provide for holding one side of the stripper plate closer to the center of the wringer roll than the other side, for the purposes stated.

2. In a device of the class described, the combination of a wringer frame, two wringer rolls mounted therein, a stripper plate formed of yielding material and transversely curved, extensions on the sides thereof, bolts for securing said extension to the frame, set screws passed through the curved portions of the plate below said bolts and seated in the sides of the frame, the lower edge of said spring plate being beveled and being designed to engage the upper roll at a point slightly spaced apart from its point of contact with the lower roll on the side

thereof opposite from the side where clothes are inserted.

3. In a device of the class described, the combination of a wringer frame, two wringer rolls mounted therein, a stripper plate formed of yielding material and transversely curved, extensions on the sides thereof, bolts for securing said extensions to the frame, set screws passed through the curved portions of the plate below said bolts and seated in the sides of the frame, the lower edge of said spring plate being beveled and being designed to engage the upper roll at a point slightly spaced apart from its point of contact with the lower roll on the side thereof opposite from the side where clothes are inserted, and two feed and delivery boards connected to the frame and both extended upwardly and inwardly to points slightly spaced apart from the upper edge of the lower roll, for the purposes stated.

Des Moines, Iowa, June 25, 1910.

JOHN CASS THOMPSON.

Witnesses:

FRANK E. THOMPSON,
WENDELL FRITZ.