J. BELAVICH.

MACHINE FOR WIPING GALVANIZED WIRE.

APPLICATION FILED JUNE 16, 1917.

1,250,128. Patented Dec. 18, 1917.

Fig. 1.

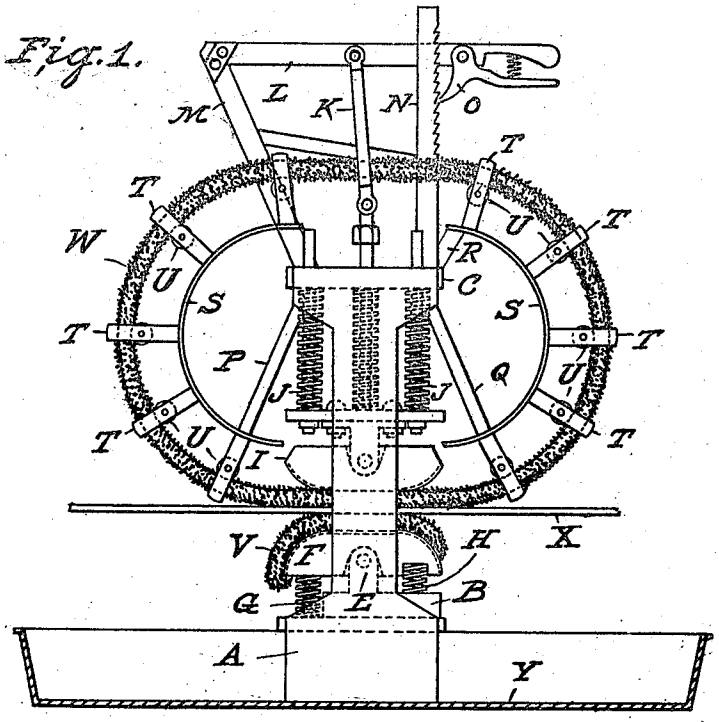


Fig. 2.

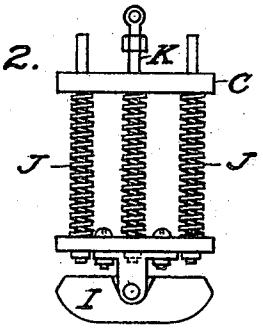
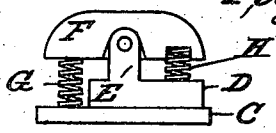


Fig. 3.



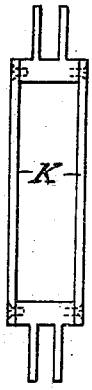


Fig. 4.

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MACHINE FOR WIPING GALVANIZED WIRE.

1,250,128. Specification of Letters Patent. Patented Dec. 18, 1917.

Application filed June 16, 1917. Serial No. 175,141.

To all whom it may concern:

Be it known that I, JOHN BELAVICH, a citizen of the United States, residing at Monessen, in the county of Westmoreland and State of Pennsylvania, have invented certain new and useful Improvements in Machines for Wiping Galvanized Wire; 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.

The object of my invention is, to construct a machine that will wipe the superfluous galvanizing metal from the wire, after the same has left the pot, and I may so construct the machine as to be capable of handling several strands of wire at a time, (preferably thirty or thirty-six strands).

The invention consists of certain novel features and details of construction as will be more fully described hereinafter and finally pointed out in the claims.

In the drawings, Figure 1, is a side elevation of the machine, showing the parts in full lines and in their normal position. Fig. 2, is a side elevation in detail of the upper wipe and tension-springs. Fig. 3, is a similar view of the lower wipe, and Fig. 4, is an edge view of the connecting-link.

Similar letters of reference indicate corresponding parts in the several figures.

A, represents the uprights or frame of the machine to which are secured the main cross members B, and C. Secured to the lower or member C, is a base-plate D, which is provided with upwardly projecting arms E, into which is pivoted the lower wipe F. This wipe F, is provided with springs G, and H, under each end thereof permitting same to rock upon its pivot and holding it up against the wire.

Movably secured in the upper part of the frame A, is the upper wipe I, and compression-springs J, the detailed construction being more clearly shown in Fig. 2, of the drawings. The upper ends of the rods of the wipe project up through holes in the upper cross member C, of the frame. Secured to the top of the center rod is a connecting-link K, the opposite end of which is connected to a lever L, which in turn is pivoted to an arm M, secured to the upper end of the frame A. Fastened to the opposite upper corner of the frame A, is a ratchet-bar N, for receiving the ratchet-pawl O, on the lever L.

Arms P, Q, and R, are secured to the frame A, which together with the arm M, form supports for the semi-circular bands S. Secured to these bands are a series of radially projecting arms T, each of which carry a roller U, the purpose of which will appear hereinafter.

Fastened to the lower wipe F, is an asbestos pad V, and secured on or over the rollers U, is a movable pad of asbestos W. As will be seen, a wire is passed between the pads V, and W, and the superfluous metal wiped therefrom and caught in the pan Y. The travel of the wire between these pads causes the upper pad W, to rotate somewhat upon the rollers U, thereby saving the pad from wearing like it would do if it were held in a stationary position.

When it is desired to release the pressure on the wire or put more on it, you simply grasp the lever L, release the pawl O, and move said lever up or down as may be desired. I have here shown and described a single section of my machine, but in practice I expect to employ as many as thirty or thirty-six sections, or more if desired.

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

1. A galvanized wire wiping machine, composed of uprights into which are secured upper and lower cross-members, a base plate secured to the lower cross member and provided with upwardly projecting arms into which is pivoted a wipe adapted to rock or oscillate, together with springs for holding said plate in its normal position, all substantially as shown and described.

2. A galvanized wire wiping machine, composed of uprights having secured thereto arms to which are connected semi-circular bands which are provided with a series of radially projecting arms into which are journaled rollers which in turn carry a movable asbestos wipe, a lower wipe, an

asbestos pad rigidly secured to the lower wipe, said asbestos wipe and pad being adapted to come into contact with a wire and wipe the superfluous metal therefrom, substantially as and for the purposes shown and described.

In testimony that I claim the foregoing as my own invention, I have hereunto set my hand in the presence of two witnesses.

JOHN BELAVICH.

Witnesses:
MARK PARIS,
JAK BESP.

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