



# UNITED STATES PATENT OFFICE.

LOUIS SHMETZER, OF CHICAGO, ILLINOIS.

## IMPROVED CLOTHES-WRINGER.

Specification forming part of Letters Patent No. 105,375, dated July 12, 1870.

*To all whom it may concern:*

Be it known that I, LOUIS SHMETZER, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Clothes-Wringers, of which the following is a specification, reference being had to the accompanying drawing.

My invention consists in the peculiar arrangement of two pairs of arms hinged together, and having the rolls mounted in them and pressed together by rubber bands stretched around the arms, as hereinafter described.

The drawing represents a perspective of my wringer.

In constructing my wringer, I first provide two like arms, A, having the U-shaped arms *a* upon their lower sides, to fit upon the tub or other receptacle, and notches *h* in their upper sides to receive the journals of the lower roll, and I connect these arms together, parallel with each other by means of two rods, *b*, as shown. To the end of each of these arms A, I hinge the end of an independent arm, C, having a series of notches, *e*, in its upper side, and a notch in its lower side to receive one of the journals of the upper roll. I then place between the arms A the lower roll, B, having a crank, *d*, attached to one end, so that its

journals shall rest within the notches *h* in the arms, and under the arms C, I place the upper roll, D, with its journals bearing in the notches *i* therein, and then stretch around the ends of each pair of arms A C a rubber band, E, as shown, which serves to draw the arms together, and thereby press the rolls upon one another. The arms C being independent of each other, allow the rolls to open at one end without affecting the other. By adjusting the bands E from one to another of the notches *e*, the pressure of the rolls upon one another may be regulated as necessary.

Having thus fully described my invention, what I claim is—

A clothes-wringer consisting of the stationary arms or frame A A, with the arms C C hinged thereto, independently of each other at their rear ends, and having mounted therein in front of their hinged ends, the rollers B and D, with elastics E about their free ends, the whole constructed and arranged to operate substantially as herein described.

LOUIS SHMETZER.

Witnesses:

WM. H. LOTZ,  
SAM. KIRCHHOP.