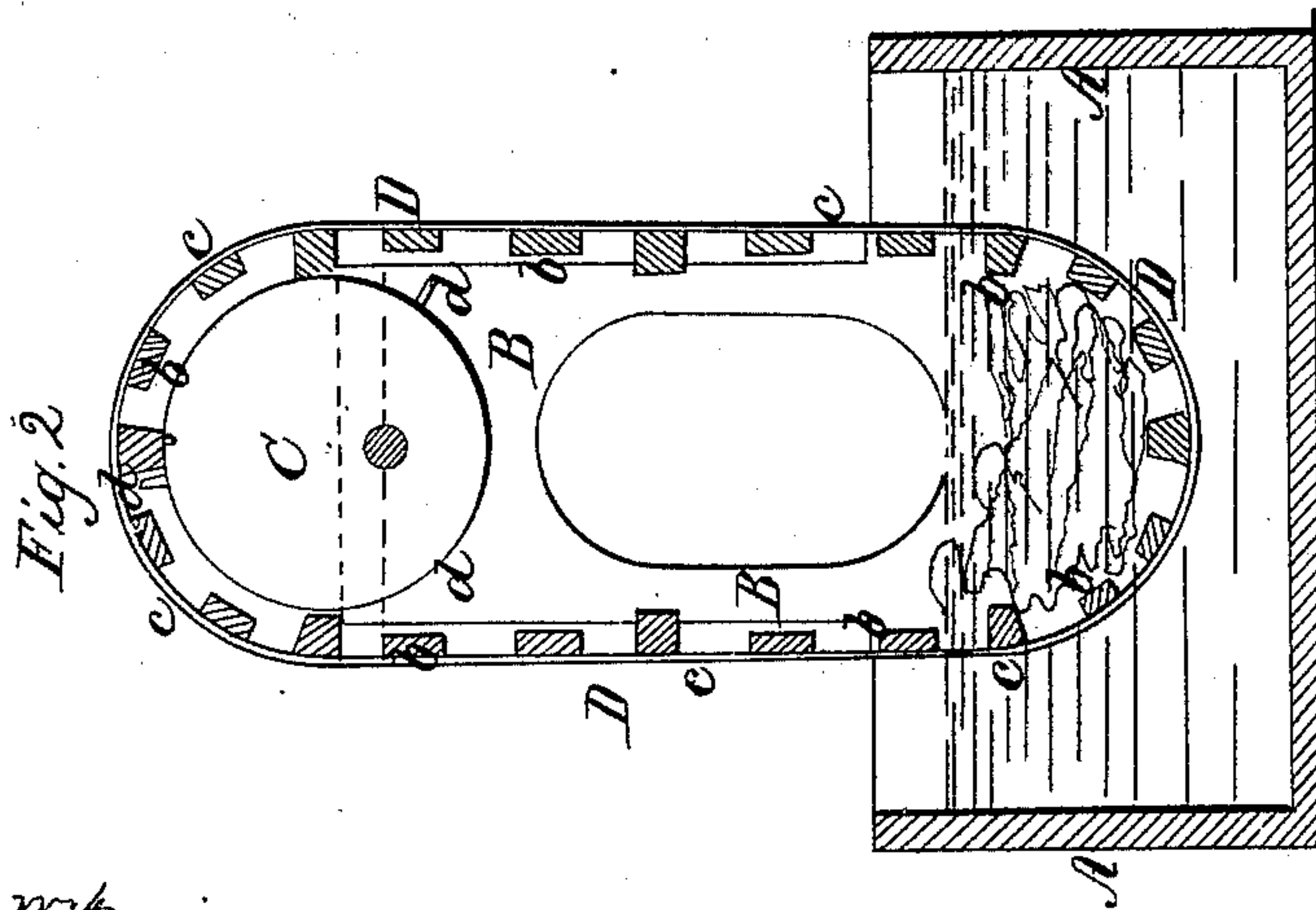
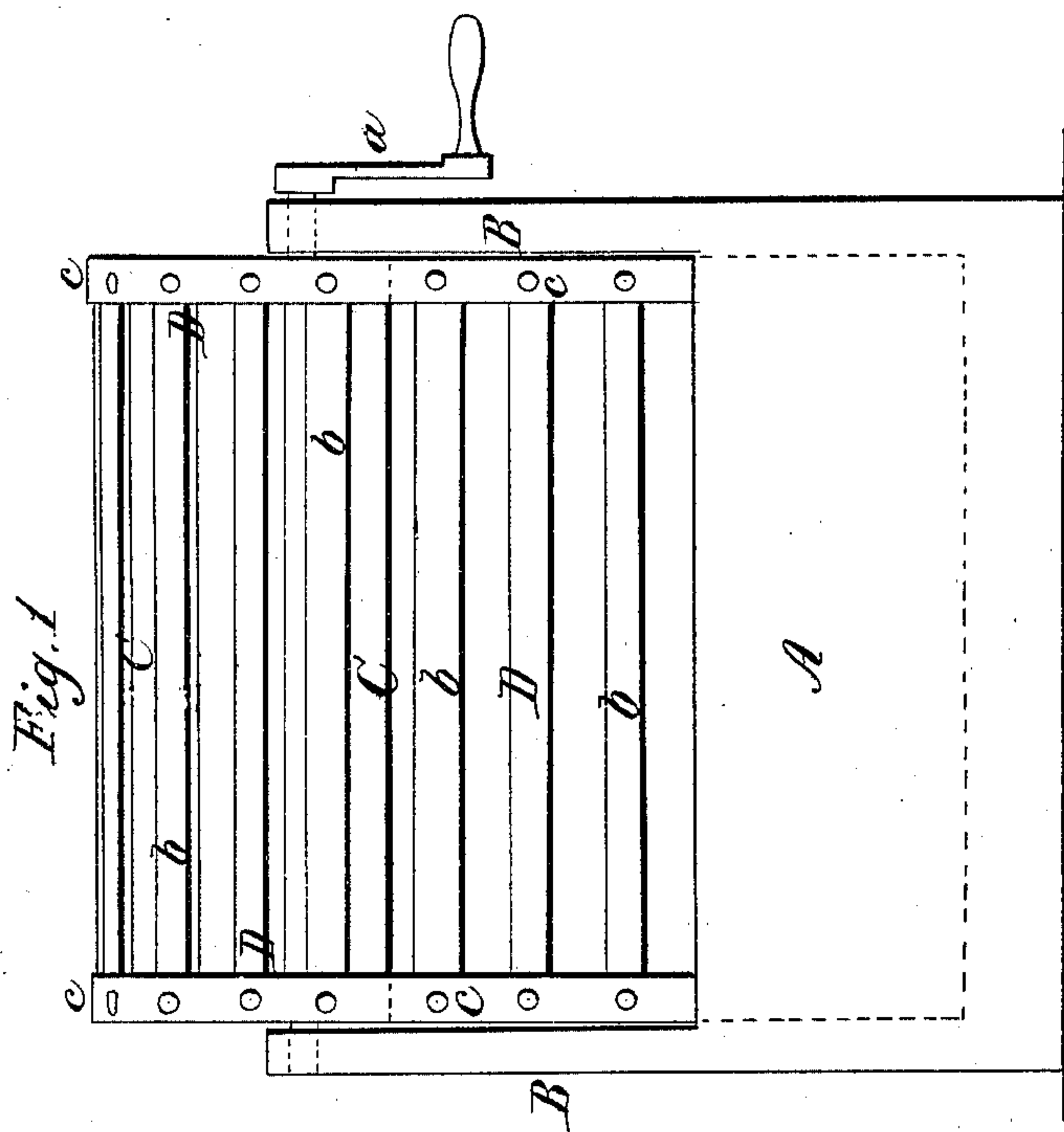


M. R. Lemmon

Washing Mach.

N^o 86,236.

Patented Jan. 26, 1869.



Witnesses
C. Roettig
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MARTIN R. LEMMAN, OF WESSON, MISSISSIPPI.

Letters Patent No. 86,236, dated January 26, 1869.

IMPROVED WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, MARTIN R. LEMMAN, of Wesson, in the county of Copiah, and State of Mississippi, have invented a new and improved Washing and Rinsing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side elevation of my improved washing and rinsing-machine.

Figure 2 is a vertical transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new washing-machine, in which the clothes to be washed are not in the least injured, and in which they are well tossed and agitated, so as to be quickly washed.

The invention consists of an endless slat-band, suspended from a roller which is hung eccentrically, so that the clothes which are placed into the band are well turned and tossed, not only by the eccentric motion of the roller, but also by the slats, which are of different thicknesses.

The lower part of the band is immersed in suds, so that the clothes will also be steeped therein.

A represents a suds-box, of suitable size and form. From it project two upright posts, B B, in which are the bearings of an eccentric-roller, C, that can be turned by means of a crank-handle, *a*, shown in fig. 1.

Around the roller C is laid, and from it is suspended, an endless slat-belt, D, which consists of a series of horizontal slats, *b b*, that are connected by bands or belts *c c*.

The lower end of the slat-belt hangs into the suds-box, and is immersed in suds contained therein.

The roller C has teeth, *d d*, by means of which it turns the belt.

The clothes to be washed are placed into the belt through apertures formed through the posts B, and are steeped in the suds, as indicated in fig. 2.

As the roller is turned, it not only turns the belt, but also raises and lowers it, so as to toss the clothes and to agitate the suds at every revolution.

The slats *b* are of different thicknesses, and tumble thereby the clothes, as the belt is moved.

For actual operation, I prefer to give oscillating motion to the roller, so as to constantly change the position of the articles in the carrier D.

In this machine the clothes are quickly washed, and not in the least injured.

I am aware that rubbing and vertically-reciprocating motions have been accomplished by means of a pivoted lever, and this I do not claim, but confine myself to the method described for producing these motions, that is to say—

I claim as new, and desire to secure by Letters Patent—

Producing the rubbing and vertically-reciprocating motion simultaneously, by means of the eccentrically-pivoted disk C and the endless apron D, provided with the rubbing-slats, as herein shown and described.

MARTIN R. LEMMAN.

Witnesses:

L. R. REDDING,
L. G. HUDNOTT.