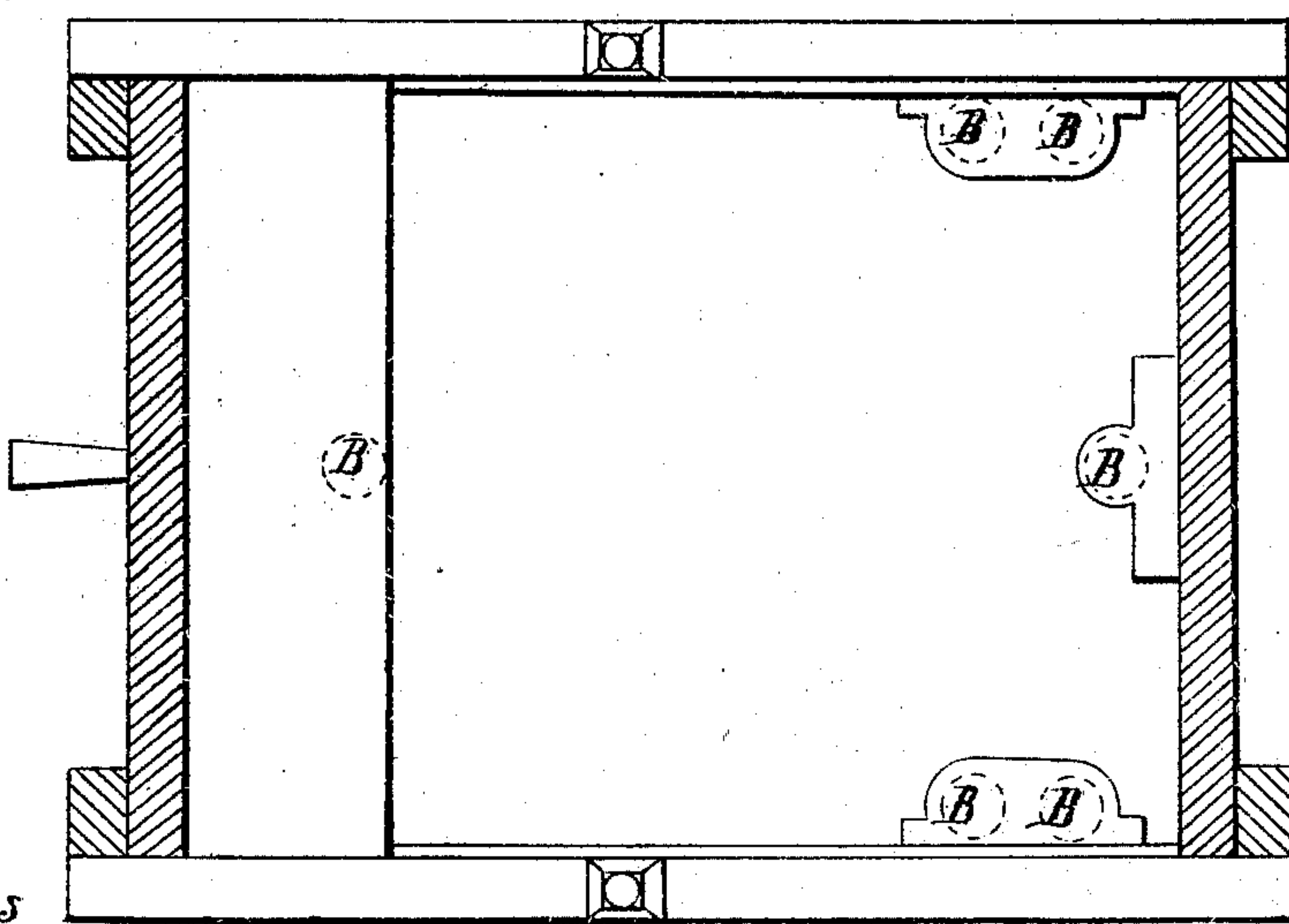
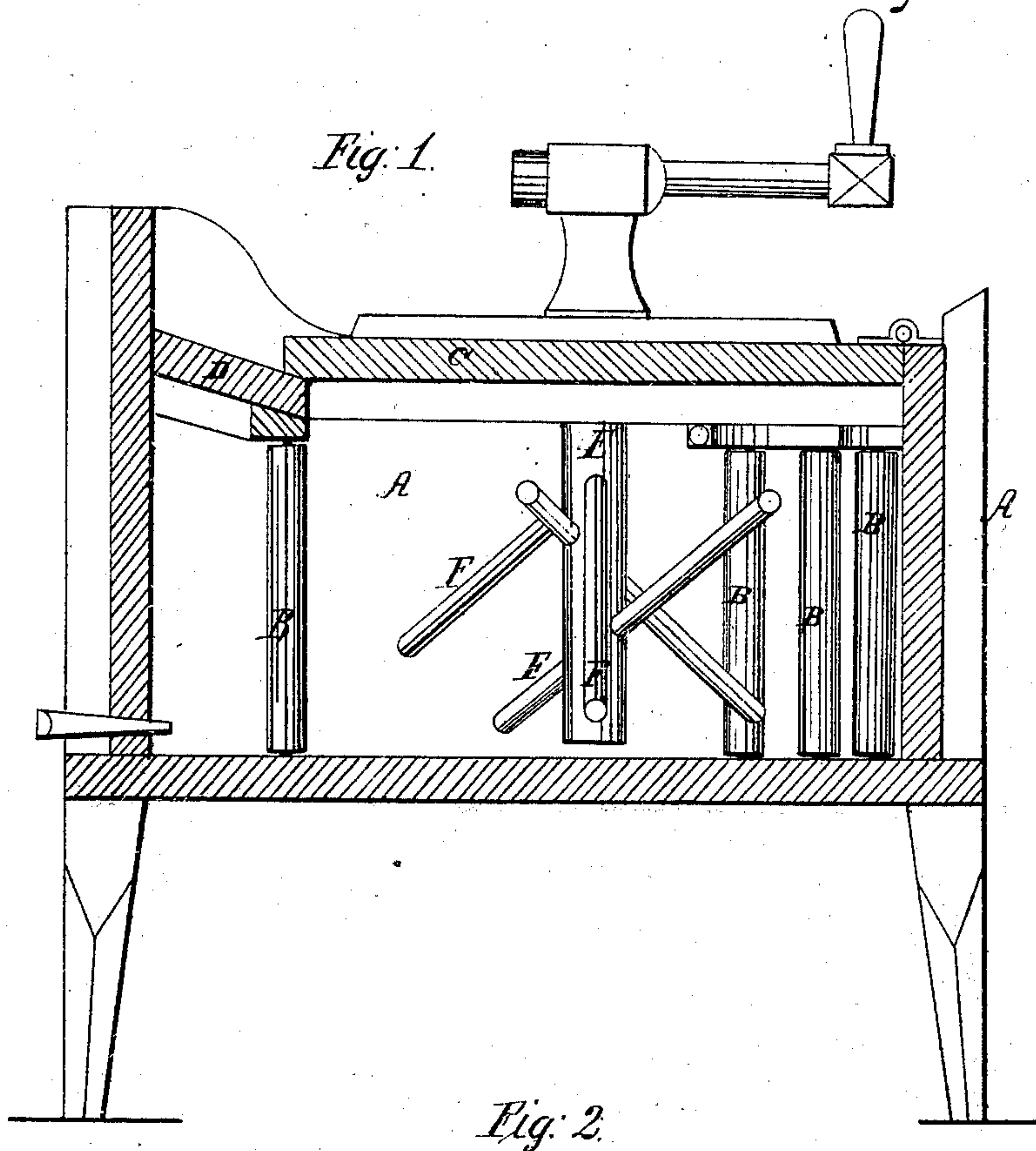


H. Sidle,
Washing Machine,
No 58,144, *Patented Sept. 18, 1866.*



Witnesses

L. A. Alexander
W. Mason

Inventor

Henry Sidle

UNITED STATES PATENT OFFICE.

HENRY SIDLE, OF MINNEAPOLIS, MINNESOTA.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 58,144, dated September 18, 1866.

To all whom it may concern:

Be it known that I, HENRY SIDLE, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents the body of the machine, which consists of a square or slightly oblong box, made in a neat and substantial manner, and supported upon legs.

B B represent rollers, which stand vertically in the box and close to the sides of said box. These rollers have their lower bearings in the bottom of the box and their upper bearings in cleats secured to the sides of the box.

C represents the cover or lid of the machine, which said cover is hinged, as shown, to one end of the box. This lid or cover extends over a little more than two-thirds of the box, and there fits down close to a stationary board or ledge, D, which forms a portion of the top.

E represents a shaft which passes down into the box through the center of cover C. This shaft is provided above the cover with a crank, by means of which it is rotated, and below the cover with a series of arms, which are marked F F, and which pass through said shaft obliquely.

Two of the legs of the machine pass up above the top of the box, and are beveled off, so as to support the cover or lid when it is turned back.

This machine does not wash clothes upon the bottom of the box alone, but along the sides and ends.

The clothes to be washed are placed in the box and the lid shut down, and by revolving the shaft E the oblique arms F F move the clothes around the box, and, pressing and rubbing them against the rollers B B and mixing them up or turning them over and over, serve to cleanse them of all dirt or impurities.

This machine does not wash so much by rubbing as it does by agitation.

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

The box A, with its vertical rollers B B, arranged with the top C and shaft E, with its oblique arms F F, substantially in the manner and for the purpose herein specified.

As evidence that I claim the foregoing I have hereunto set my hand in the presence of witnesses.

HENRY SIDLE.

Witnesses:

C. M. ALEXANDER,
JNO. D. PATTEN.