

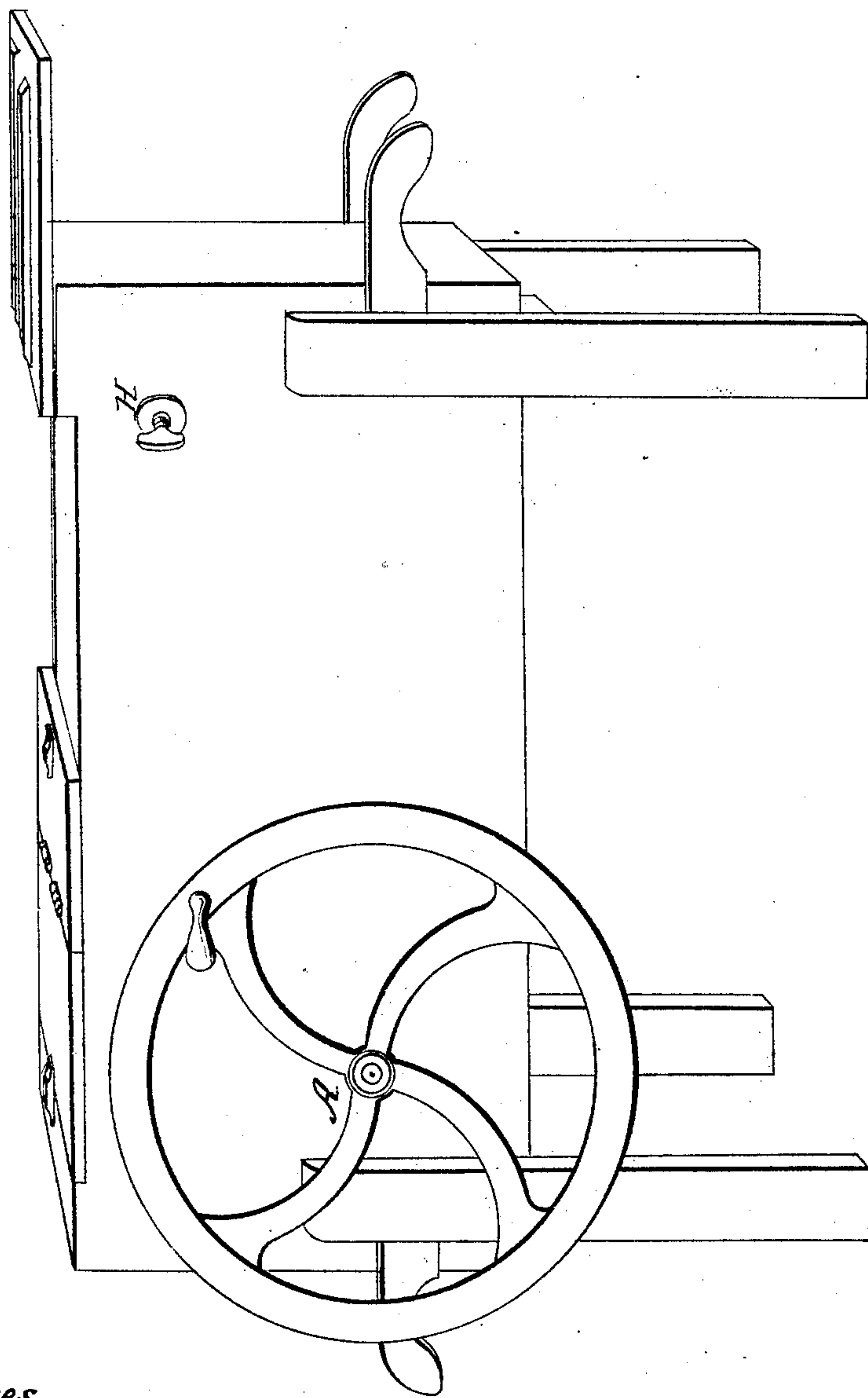
2 Sheets—Sheet 1.

T. C. CHURCHMAN.

Washing Machine.

No. 18,956.

Patented Dec. 29, 1857.



Witnesses.
W. T. McGilvray
John C. Hingley

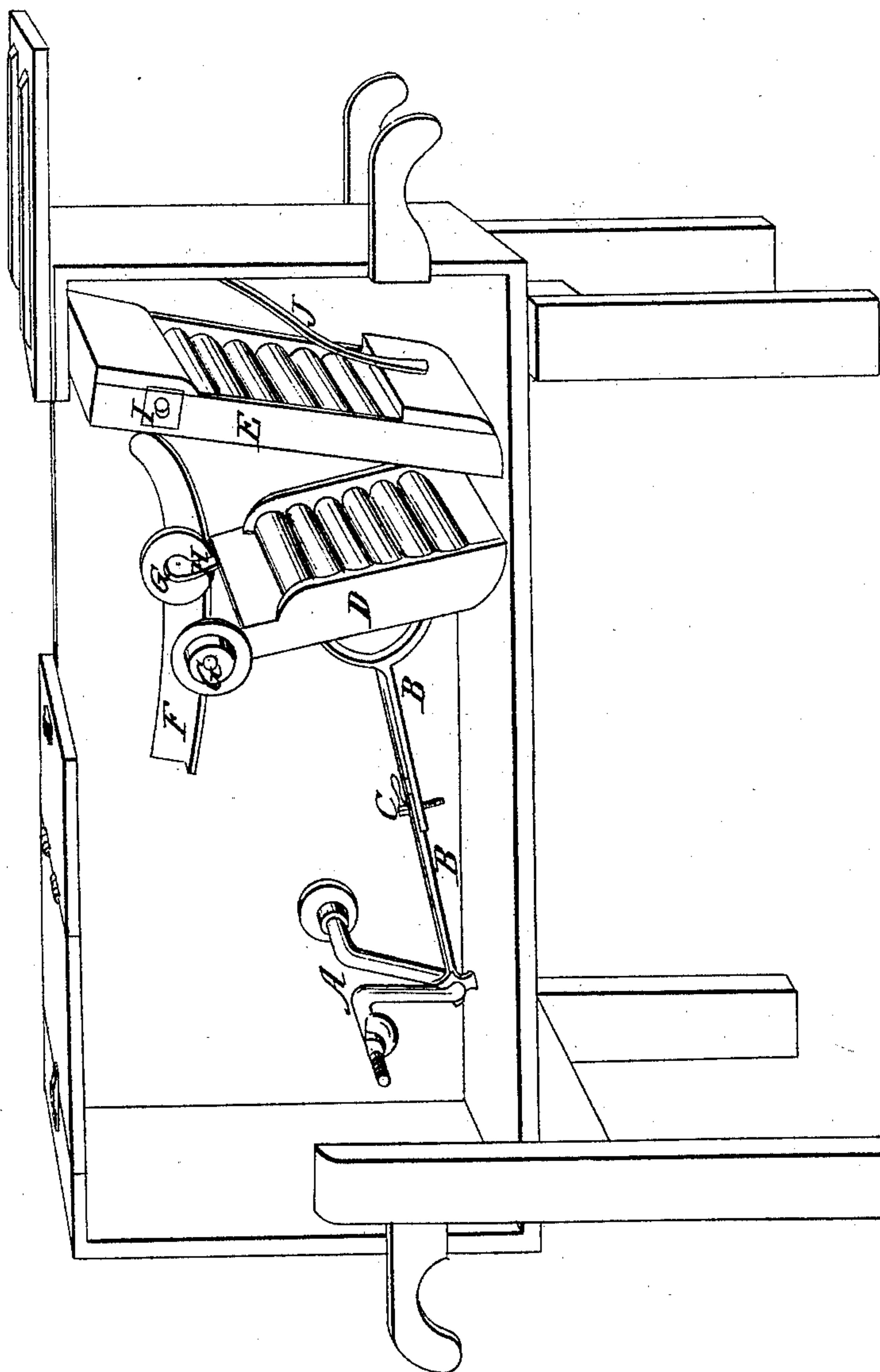
Inventor.
T. C. Churchman.

T. C. CHURCHMAN.

Washing Machine.

No. 18,956.

Patented Dec. 29, 1857.



Witnesses.
H. J. McGilvery
John C. Kingsley.

Inventor.
Thos. C. Churchman.

UNITED STATES PATENT OFFICE.

THOS. C. CHURCHMAN, OF SACRAMENTO, CALIFORNIA.

WASHING-MACHINE.

Specification of Letters Patent No. 18,956, dated December 29, 1857.

To all whom it may concern:

Be it known that I, THOMAS C. CHURCHMAN, of the city and county of Sacramento and State of California, have invented a new, improved, and useful Machine for Washing Clothes, called "Churchman's Improved Washing Machine"; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference made in said drawings.

The nature of my invention consists in the application of the friction and pressure necessary in washing clothes, by means of two washboards combining a horizontal and perpendicular motion produced by the turning of a crank with a fly wheel and the running of wheels in a curved track whereby the labor is performed with greater ease, in a better manner, and with less injury to the clothes, and in less time than can be attained with any other machine now in use.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation, hereby adopting the drawings for reference, hereto attached and making a part of these specifications, in which—

Figure No. 2 represents a side view of a box of such dimensions as may be chosen, and to be constructed of wood and made water tight. Letter A, represents the balance wheel or crank whereby the power is applied to the washing slides. Letter H represents a screw on end of axle for holding up the washboard.

Fig. 1 represents a perspective view of the machinery inside the box, wherein letter A is a crank working on the sides of the box and turned by means of the wheel represented in Fig. 2 by the letter A which is attached with a screw on the end of this crank. Letters B, & B, represent a pitman from the crank to the portable slide and washing board. This pitman is in two sections, fastened together at letter C, so as to

lengthen or shorten it at pleasure. Letter D, is a washboard constructed with rollers, and either with or without a brush at pleasure. This is suspended at the top by wheels moving in elliptical tracks as represented at letter F. Letters G, and G, represent the wheels and letter H the axle or point of connection with the wash board. These elliptical tracks are securely fastened to the sides of the box. Letter E is a counter washboard with rollers corresponding to the first described. This is to be swung at the top by axles at letter I on the sides of the box. Letter J, is a spring behind this washboard and fastened permanently to the end of the box. By means of this spring the pressure of washboard letter E, against the action of the first washboard is obtained.

By the turning of the wheel A in Fig. 2 the crank A in Fig. 1 is also turned, which, by means of the connecting pitman B, B, as connected at the center C, produces the horizontal motion of the washboard D, and this, being suspended on wheels G, G, at the letter H, and running in the elliptical track or groove F, produces the perpendicular motion of the washboard D, and secures the friction or motion necessary for washing clothes placed between the 2 washboards. By the spring J, between the washboard E, and the end of the box, this washboard is pressed against the clothes, and the operation completed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The construction of a washing machine combining a horizontal and perpendicular motion, produced on the wash boards D and E by the turning of the crank and shaft A, and the running of the wheels G, G, in curved tracks F, as represented in the drawings and described in the specifications.

THOMAS C. CHURCHMAN.

Witnesses:

J. B. MENHOLL,
W. T. MCGLORAY,
JOHN C. KINGSLEY.