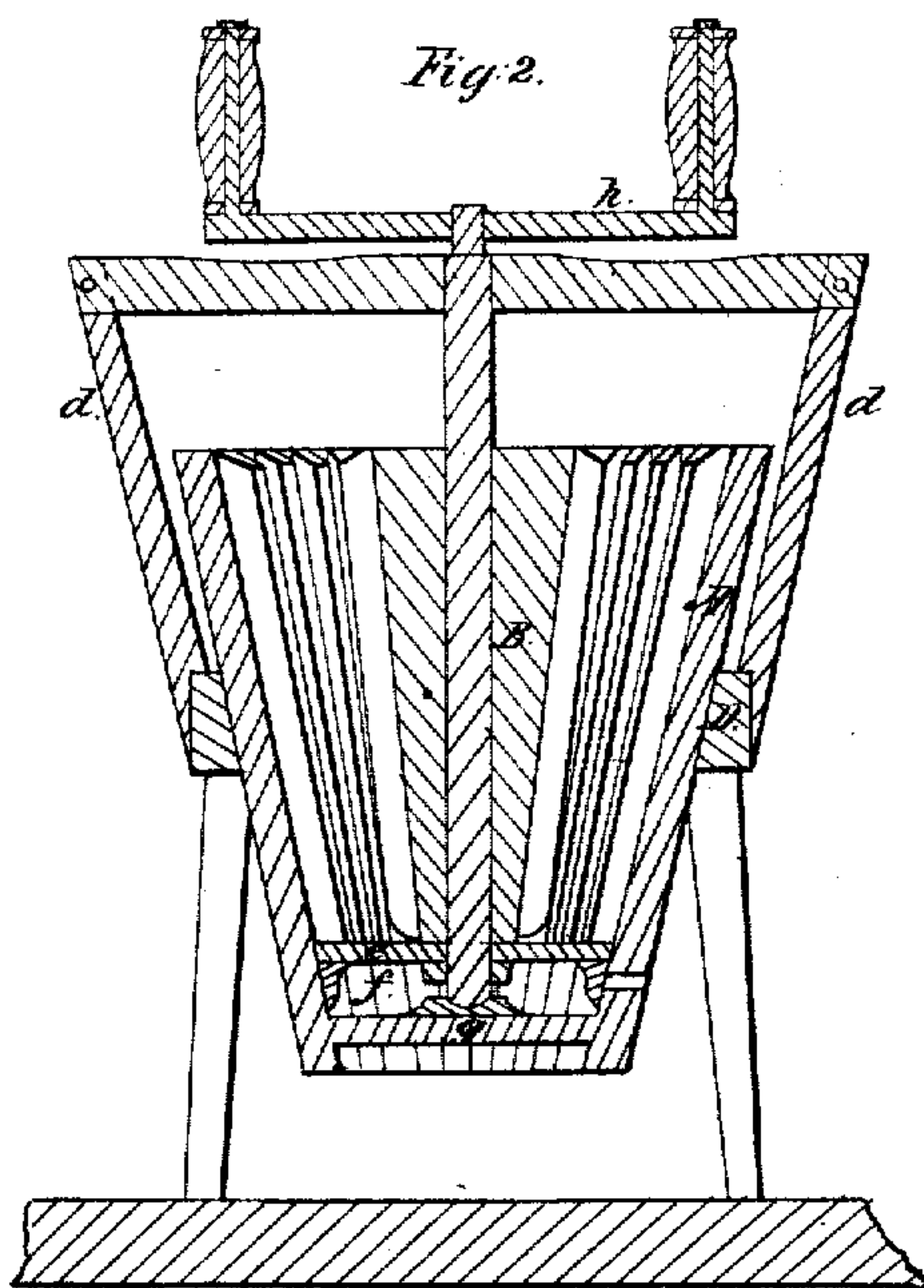
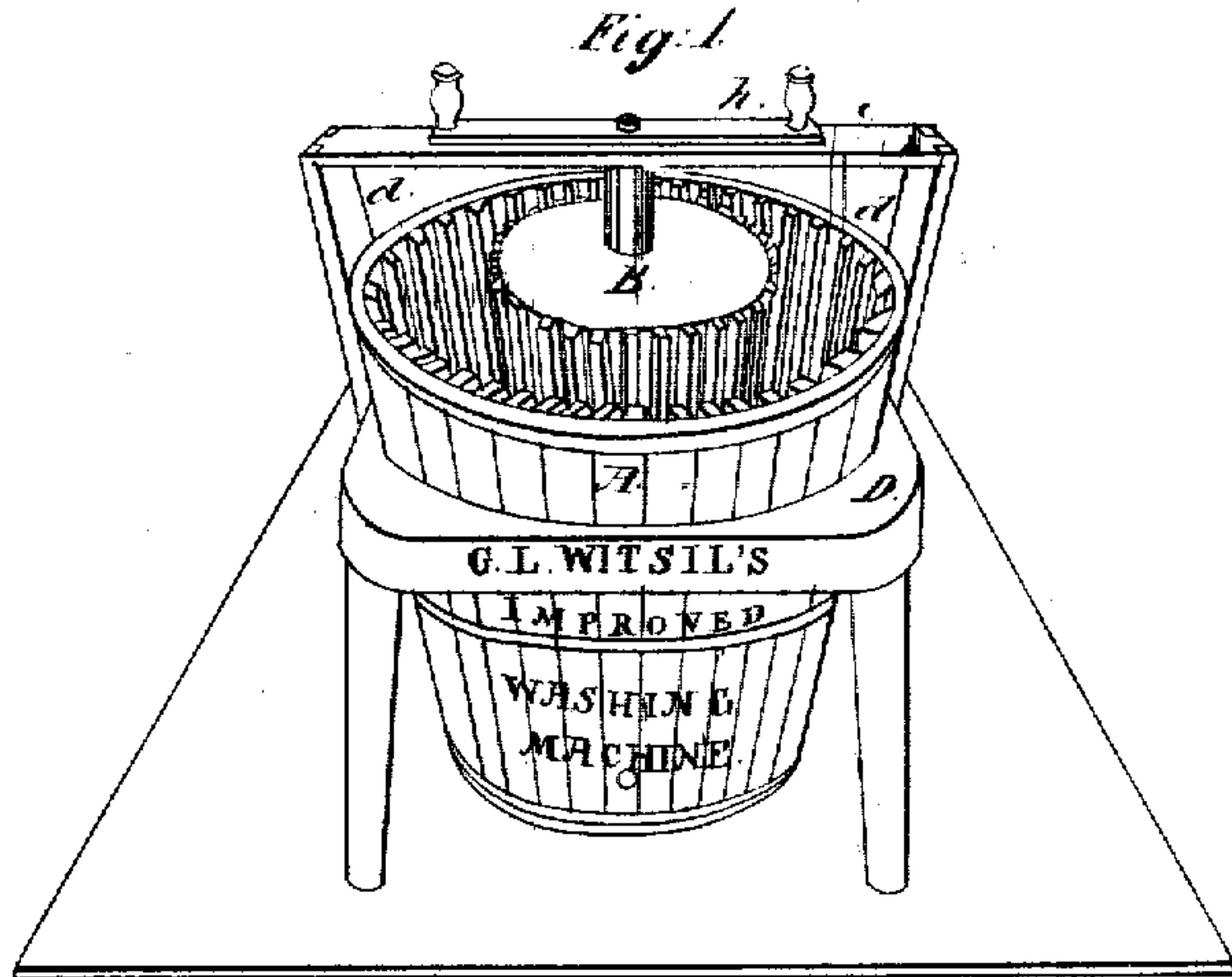


G. L. Witsil,
Washing Machine,
N^o 22,764. Patented Jan. 25, 1859



Witnesses:
Emily W. Higgins
Mrs. M. J. J. J.

Inventor:
George L. Witsil

UNITED STATES PATENT OFFICE.

G. L. WITSIL, OF WILMINGTON, DELAWARE.

WASHING-MACHINE.

Specification of Letters Patent No. 22,764, dated January 25, 1859.

To all whom it may concern:

Be it known that I, GEORGE L. WITSIL, of the city of Wilmington, in the State of Delaware, have invented a new and useful 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, in which—

Figure 1 is a perspective view. Fig. 2 is a section through the center.

A, is the tub with its corrugated sides or ribbed surface.

B is the corrugated or ribbed center piece which revolves in the act of washing.

C is the cross piece which holds the center piece in its place being attached to the uprights *d d* which are fastened to the stand D which holds the tub in place.

e is the false bottom; *f* the space between it and the bottom of the tub *g*.

h is the lever or arm which moves the center piece and by which the whole thing is operated and *i* is the gudgeon upon which the axis of the center piece revolves.

The tub being filled with water and the clothes placed therein, by rotating the cylinder or center piece B to and fro or half way around and back again the clothes are subjected to a process as near that obtained by hand as can be imagined. The peculiar shape of the tub with the corrugated sides or ribs corresponding, prevents hard rubbing of the articles washed and still in a few

minutes thoroughly cleanses them. The clothes can never pack or wedge in this tub and consequently will not wear as much in washing as in other machines. I have one in operation and find that it works to a charm satisfying the washerwoman who before was as incorrigible in her dislike to machine washing as could be.

One peculiar feature of this machine is that it plait the clothes and rolls them in the forward motion and in the backward motion reverses the plait and roll, and the finest goods can be washed without damage.

I do not claim the shape of the tub nor do I claim the corrugated surfaces, neither do I claim the passing the clothes between the two surfaces one being a cylinder and the other the surface of the tub, for I am aware that the ribbed surfaces have been used long since and that V. R. Stewart has already (June 24, 1856) patented a machine having a ribbed cylinder revolving in proximity to a concave board between which the articles in washing pass, but

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

The combination of the corrugated or fluted conical cylinder placed vertically, with the corrugated or fluted sides of the conical tub arranged and operated as shown and described for the purpose specified.

GEORGE L. WITSIL.

Witnesses:

WM. B. WIGGINS,
WILLIAM McCALL.