

# Hedges & Strayer, Washing Machine.

No. 96,696.

Patented Nov. 9, 1869.

Fig. 1.

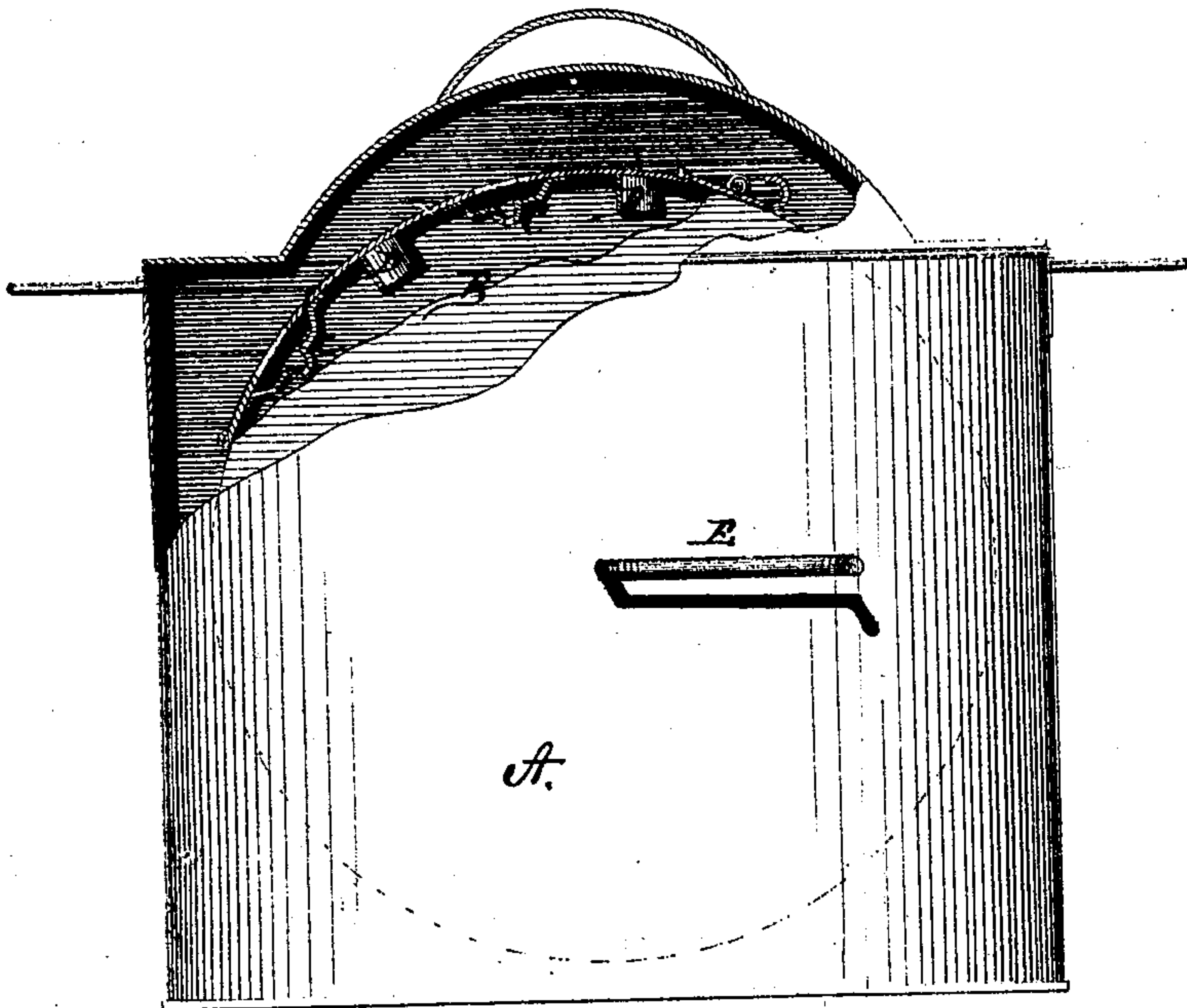
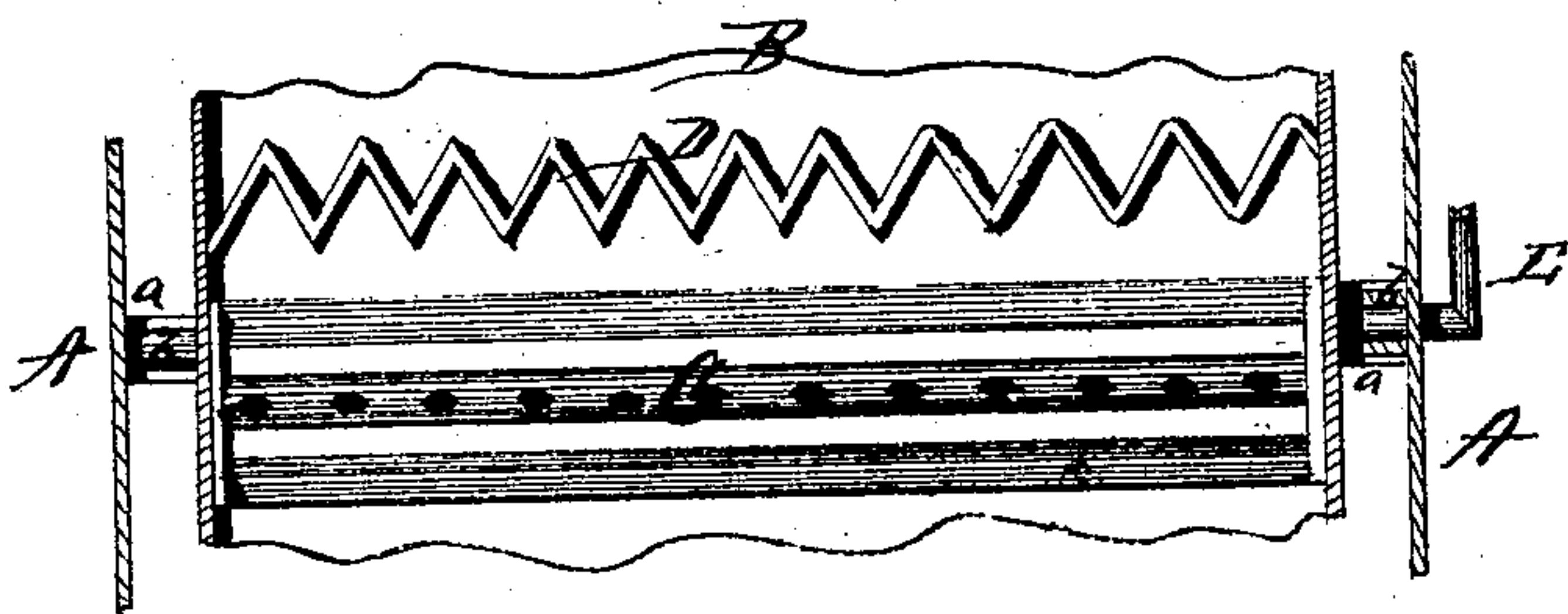


Fig. 2.



Witnesses  
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Atty.

# United States Patent Office.

CHARLES HEDGES AND CHARLES S. STRAYER, OF BLOOMINGTON, ILLINOIS.

*Letters Patent No. 96,696, dated November 9, 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 we, CHARLES HEDGES and CHARLES S. STRAYER, of Bloomington, in the county of McLean, and in the State of Illinois, have invented certain new and useful Improvements in Rotary Washing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the construction and arrangement of the revolving cylinder of a rotary washing-machine, said cylinder being formed of a series of inside and outside buckets.

In order to enable others skilled in the art to which our invention appertains, to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view, part in section, of a wash-boiler, with our cylinder, and

Figure 2 is an inside view of a portion of the cylinder.

A represents a wash-boiler, of any dimensions desired, having, in its sides, sockets *a a*, or other suitable bearings, for the journals *b b*, of a cylinder, B, placed within the same.

The journals *b b* are attached, one to each end of the cylinder, and the circumference of the cylinder is cut with a series of slots, of suitable width, running nearly from end to end, and a suitable distance apart.

In the inside of the cylinder B, and covering each of said slots, are placed buckets C C, which are open

at the outside, and point inward, the inner edges being perforated, so as to allow the water to pass downward on to the clothes.

Between the buckets C C, inside of the cylinder B, are placed zigzag buckets, D D, which separate the clothes, and carry the water to the top of the clothes, where it is thrown upon them.

The cylinder B, thus formed, is provided with a lid, hinged and fastened in any suitable manner, to the body of the cylinder.

The clothes are placed within the cylinder B, and the cylinder revolved by means of the crank E, which passes through the boiler into one of the journals *b*, and so arranged that the cylinder may be revolved in either direction.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

1. The cylinder B, provided with buckets C C, open from the outside, and with inside zigzag buckets D D, as and for the purposes herein set forth.

2. In combination with a wash-boiler, the cylinder B, having the buckets C C and D D, as and for the purposes herein set forth.

In testimony that we claim the foregoing, we have hereunto set our hands, this 6th day of October, 1869.

CHARLES HEDGES.

CHARLES S. STRAYER.

Witnesses:

W. M. HATCH,  
THOS. SLADE.