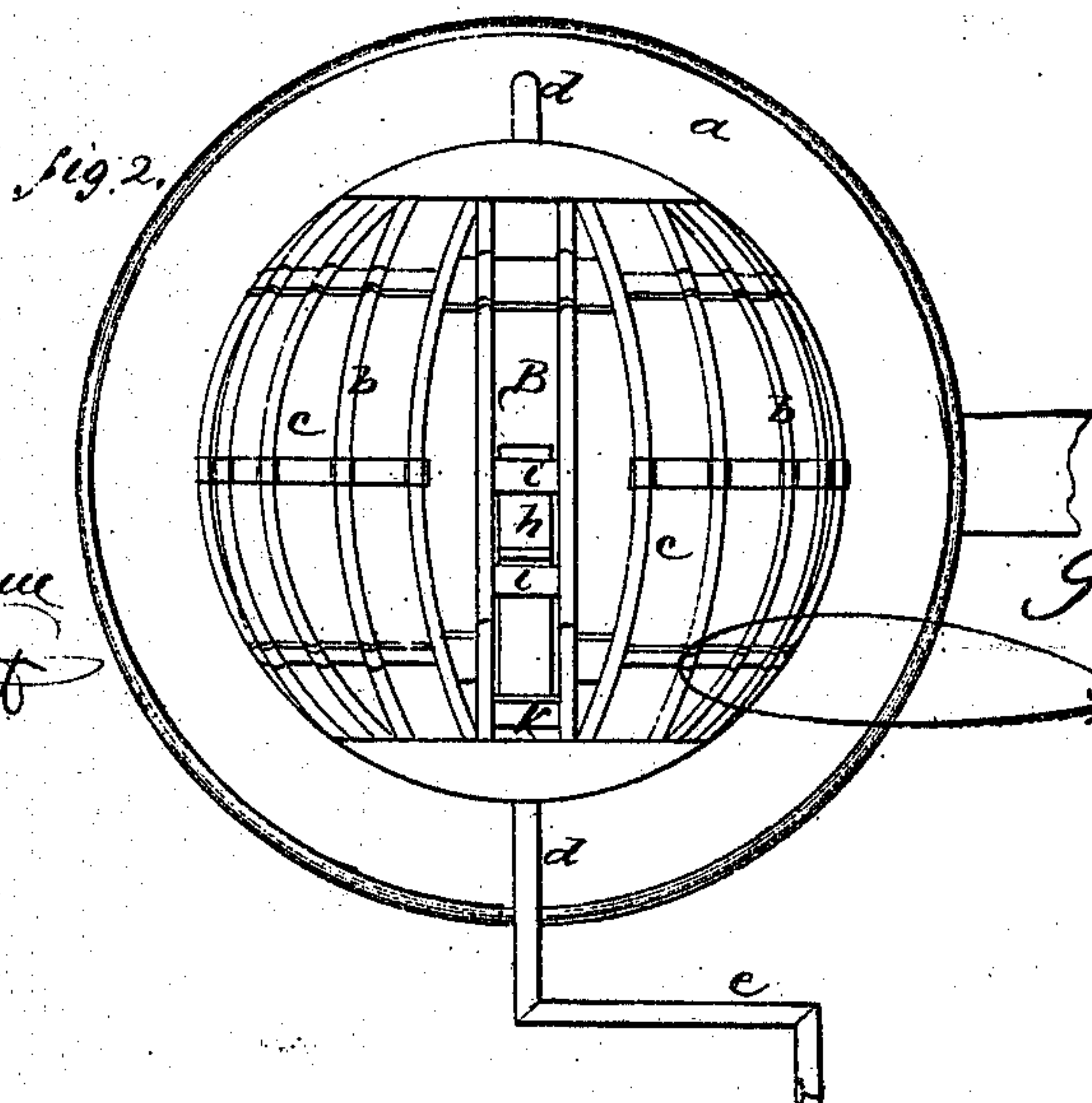
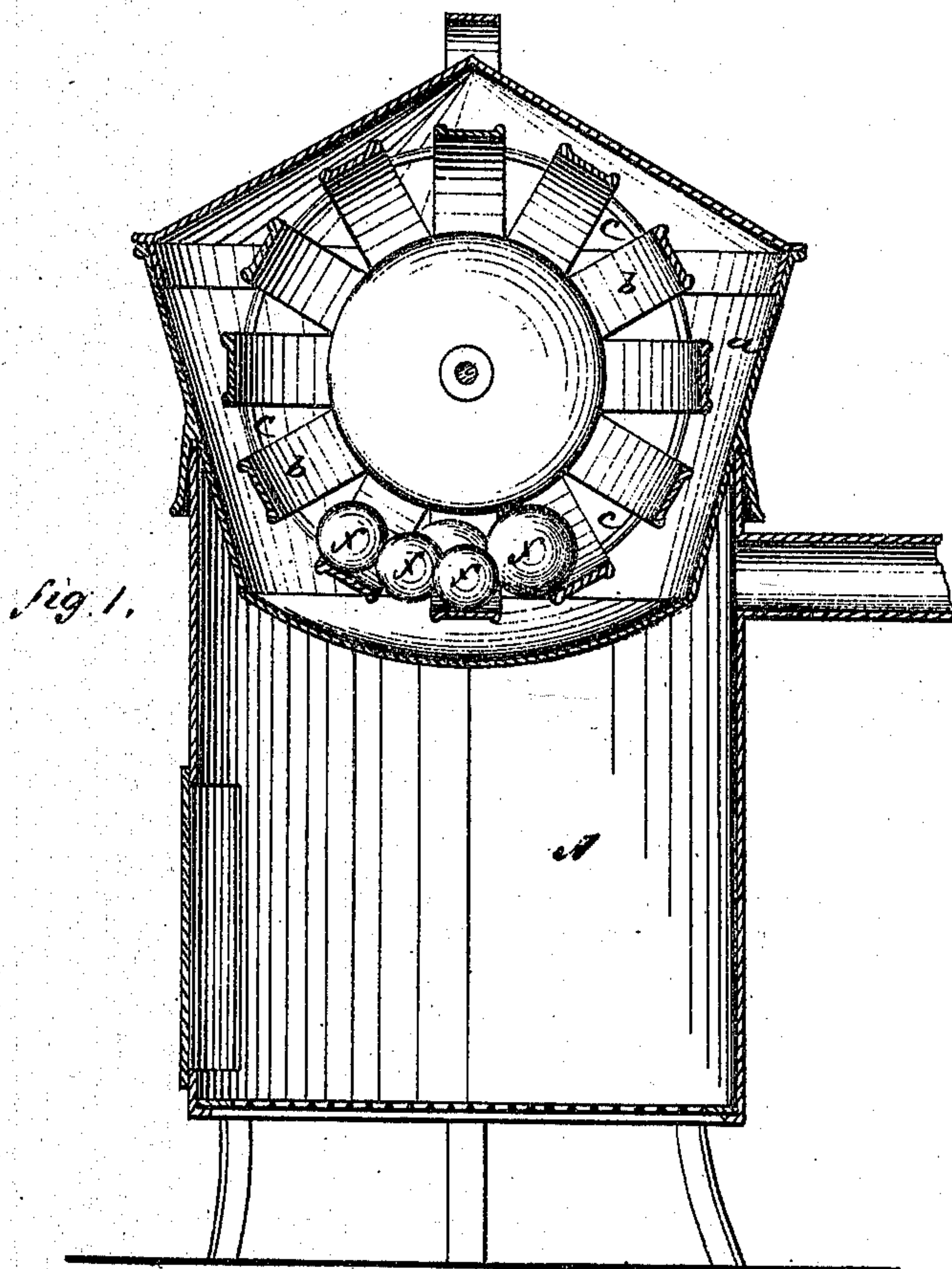


G. W. Cottingham,

Boiler Washing Machine.

No. 104,708.

Patented June 28, 1870.



Witnesses:

Richd Hagmann
Chas. A. Pettit

Inventor

G. W. Cottingham
per Kline & Co
Attorneys.

United States Patent Office.

GIDEON W. COTTINGHAM, OF MARSHALL, TEXAS.

Letters Patent No. 104,708, dated June 28, 1870.

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, GIDEON W. COTTINGHAM, of Marshall, in the county of Harrison and State of Texas, have invented a new and improved Washing-Machine; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional elevation, and

Figure 2 is a plan view.

This invention consists of a globular case for containing clothes, provided with slots for admitting water, in combination with a boiler in which the globe is suspended on trunnions, and with a furnace on which the boiler rests.

In the drawing—

A is the furnace, open at the top.

a is the boiler, which sits on the furnace, and forms the cover of the same.

b is the globular case for containing clothes.

c are the slots in the case for admitting water.

d are the trunnions by which the globular case is supported in the boiler a.

e is the crank by which the case is revolved.

f are the balls placed within the case, for beating the clothes.

The balls, owing to the force of gravity, seek always the lower part of the case as the latter revolves,

and hence their pressure and friction are concentrated so as to produce the greatest results.

By varying the number and weight of the balls, they may be adapted to light or heavy fabrics.

B, fig. 2, is a section of the case made separate from the rest, and removable, and held in place by the slide h, working under cross-loops i i on the section B and a cross-loop, k, on the case.

This machine is simple and cheap of construction, requires but little force to operate it, is very durable, most excellent for rinsing after the clothes have been washed, inflicts very little injury upon the clothes during the operation, and is very speedy in doing its work.

The case being mounted over a furnace, the water can be kept at any desired temperature as long as necessary, and all the labor of transferring hot water from the boiler to the tub is avoided.

Having thus described my invention,

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

The globular case b, provided with the slots c, and combined with the boiler a and furnace A, in the manner and for the purpose described.

G. W. COTTINGHAM.

Witnesses:

CHAS. A. PETTIT,
D. OURAND.