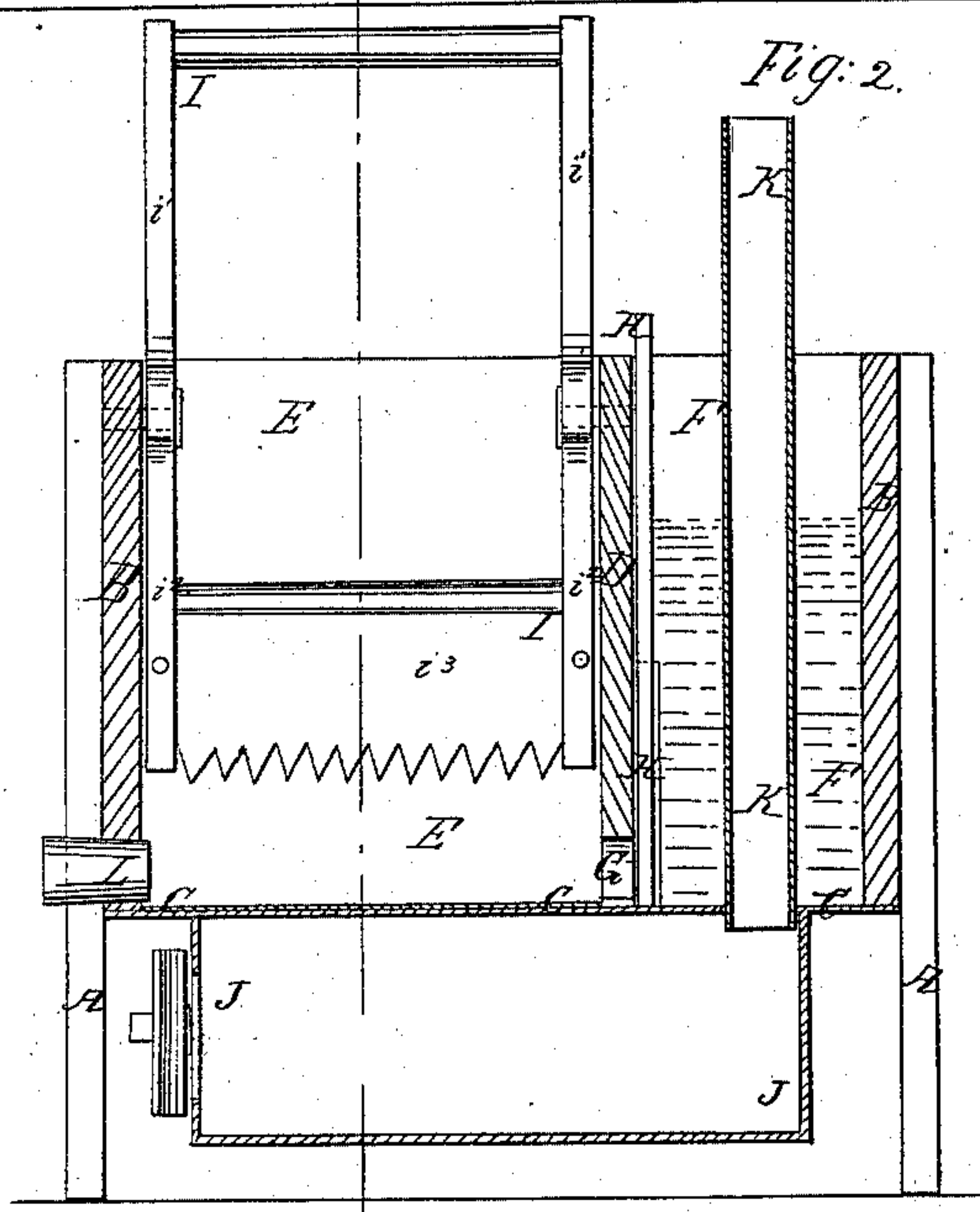
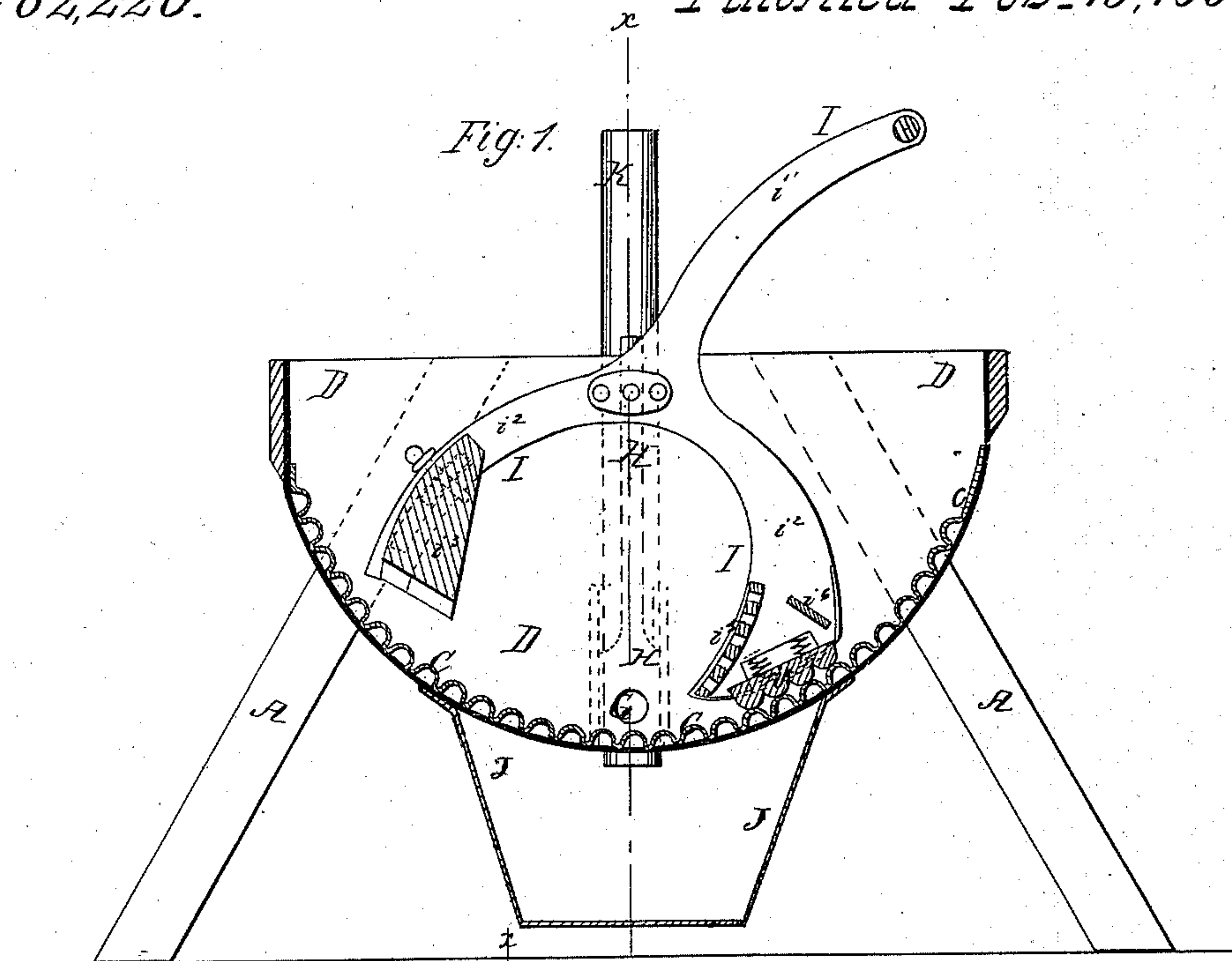


*C. Pendleton,*  
*Washing Machine,*

*Nº 62,220.*

*Patented Feb. 19, 1867.*



*Witnesses.*  
*Thos. Tusch*  
*J. Adair*

*Inventor.*  
*C. Pendleton*  
*Per [Signature] Attorney*



# United States Patent Office.

CHARITY PENDLETON, OF IOWA CITY, IOWA.

*Letters Patent No. 62,220, dated February 19, 1867.*

## 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, CHARITY PENDLETON, of Iowa City, in the County of Johnson, and State of Iowa, have invented a new and useful improvement in Washing Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical longitudinal section of my improved washing machine taken through the line *x x*, fig. 2.

Figure 2 is a vertical cross-section of the same taken through the line *y y*, fig. 1.

Similar letters of reference indicate like parts.

My invention has for its object to improve the construction of my washing machine patented July 12, 1859, and numbered 24,754, to which Letters Patent schedule of additional improvement No. 281 was annexed May 29, 1860. And it consists in the combination of a furnace with the tub or reservoir so as to boil the clothes at the same time they are being washed or rubbed; in dividing the tub into compartments by one or more partitions, so that water may be heated or a part of the clothes boiled, while the clothes or a part of them are being washed or rubbed; and in forming the bottom of the tub of galvanized iron or other metal that will stand the fire, and will not corrode or rust, and thus stain the clothes.

A are the feet or supports upon which the machine stands; B are the sides of the tub; C is the bottom; and D is a partition extending through it. The bottom C is made of galvanized iron or other metal that will stand the fire and will not corrode or rust. The bottom C is corrugated or lined with a corrugated plate so as to form the lower rubber of the machine. D is a partition extending through the tub so as to divide it into two water-tight compartments, E and F, as shown in fig. 2. G is a hole or opening formed through the partition D for convenience in drawing the water from one compartment to another when desired. This opening may be closed by a stop-cock or by a sliding gate, H, as shown in fig. 2, and in dotted lines in fig. 1. I is the rubber frame, consisting of two levers, *i*<sup>1</sup>, by which it is operated; the arms *i*<sup>2</sup> to which the plates are attached; the adjustable corrugated plate *i*<sup>3</sup> for stirring and turning the clothes; the self-adjusting rubber plate *i*<sup>4</sup>, the perforated plate *i*<sup>5</sup> for preventing the clothes from getting upon the upper side of the rubber plate *i*<sup>4</sup>, and the plate *i*<sup>6</sup> for confining the clothes when any particular part requires additional rubbing, about the construction of which parts of said frame there is nothing new. One journal of the rubber frame I works in bearings in the side B of the machine, and the other end works in bearings in the partition D, as shown in fig. 2. J is a furnace placed beneath and attached to the bottom C of the tub, so that the said bottom may form the top of the said furnace J. The smoke pipe or flue K passes up through the bottom of the tub, and through the compartment F, so as to utilize the heat that would otherwise escape, and at the same time to more thoroughly and more quickly heat the water in said compartment. The flue K must be made of galvanized or other metal that will resist the corrosive action of the water.

In using the machine, water is put into the compartment F, and water and clothes into the compartment E. The fire is then kindled and the rubber operated. The operator soon finds that the clothes are being rubbed in boiling water, while at the same time fresh water is boiling in the compartment F ready for use. When desired the dirty water may be drawn off from the compartment E through the opening L, and fresh water admitted from the compartment F; or the clothes may be wrung out and placed in the compartment F to boil, while another lot is being rubbed in the compartment E. If desired another compartment may be formed by passing another partition through the tub, so that a part of the clothes may be rubbed in one compartment, a part boiled in another, and fresh water heated in a third, all at the same time.

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

The water-tight compartments E and F, formed by the partition D; provided with the hole G, and sliding gate H, when constructed and arranged as herein set forth for the purpose specified.

CHARITY PENDLETON.

Witnesses:

O. C. ISBELL,

L. B. PATTERSON.