T. BROOKS.

CLAMP FOR WRINGERS.

No. 43,089. Patented June 14, 1864.

Fig. 1.

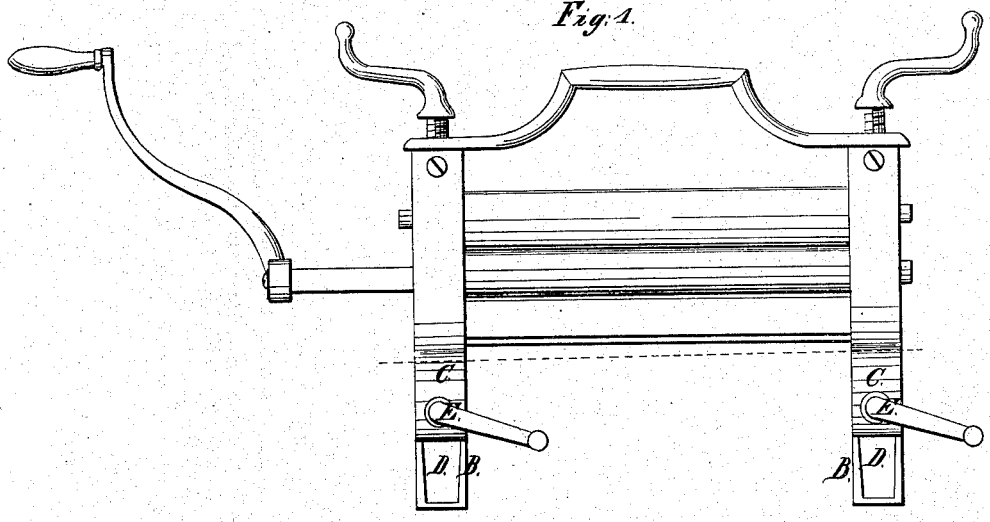

Fig. 2.

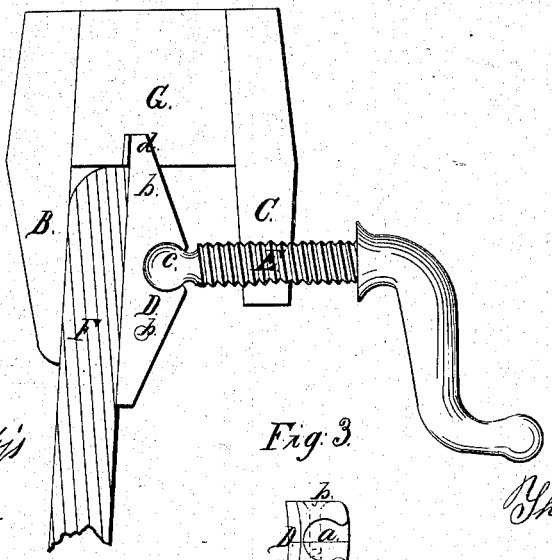

Fig. 3

Witnesses:

Jeremy W. Bliss

Henry Robinson

Inventor:

Thomas Brooks

UNITED STATES PATENT OFFICE.

THOMAS BROOKS, OF MIDDLEFIELD, CONNECTICUT.

IMPROVED CLAMP FOR WRINGERS.

Specification forming part of Letters Patent No. **43,089**, dated June 14, 1864.

To all whom it may concern:

Be it known that I, THOMAS BROOKS, of Middlefield, county of Middlesex, and State of Connecticut, have invented certain new and useful Improvements in Clamps for Holding Wringing-Machines to a Tub, &c.; and I do hereby declare that the same is described and represented in the following specification and drawings; and to enable others skilled in the art to make and use same, I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this improvement will be fully understood from the drawings and specification.

The object desired to be attained by this improvement in wringing-machines is to provide therefor a clamp, such as will readily adjust itself to the side of any vessel without reference to its shape.

In the accompanying drawings, Figure 1 is a side view of a wringing-machine having my improvement attached thereto, as shown below the red line. Fig. 2 is a section of the clamp. Fig. 3 is a section of one jaw of the clamp.

B is one of the jaws of the clamp, made in a fixed position to the wringer. C is another jaw, also made in a fixed position to the wringer. D is an intermediate jaw, and is made in two parts, as shown in Fig. 3, the upper end, *d*, of which is steadied in place by working in the orifice G. *a* is a globular socket formed by a milling-tool in the ordinary way. These two parts are secured together by the use of rivets or screws *b*. E is a screw fitted to one of the jaws B C, the inner end of which is provided with a globular-shaped ball *c*, made so as to fit and play easily in the socket *a*. F represents the side of a vessel on which this clamp may be secured. Now, it will be seen that a wringer having this clamp may be readily and easily attached to any vessel, whether it be made square or round, large or small, or whether the sides be perpendicular or otherwise, as the adjustable feature of the jaw will enable it to find its bearing when the screw E is firmly turned up.

This improvement, though simple in itself, is of the greatest importance in practical use.

I have thus endeavored to show the nature, construction, and advantage of my improvement, so as to enable a person skilled to make and use the same.

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

The employment of the oscillating jaw D, in combination with the screws E and jaws B C, steadied in place by the orifice G, substantially as and for the purpose described.

THOMAS BROOKS.

Witnesses:

H. C. ROBINSON,

JEREMY W. BLISS.