

(No Model.)

J. F. WALTER.

MOP WRINGER.

No. 323,758.

Patented Aug. 4, 1885.

Fig. 1.

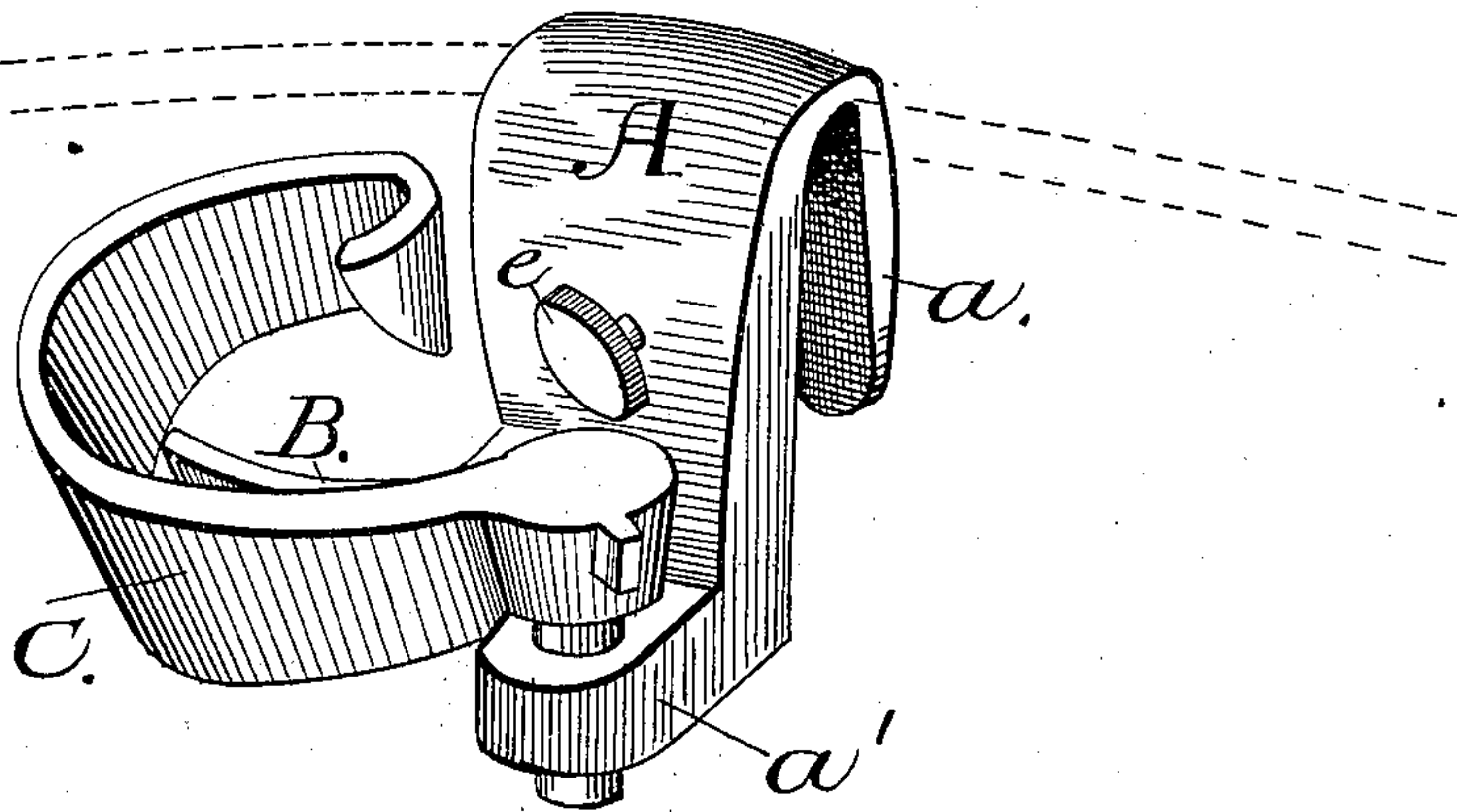


Fig. 2.

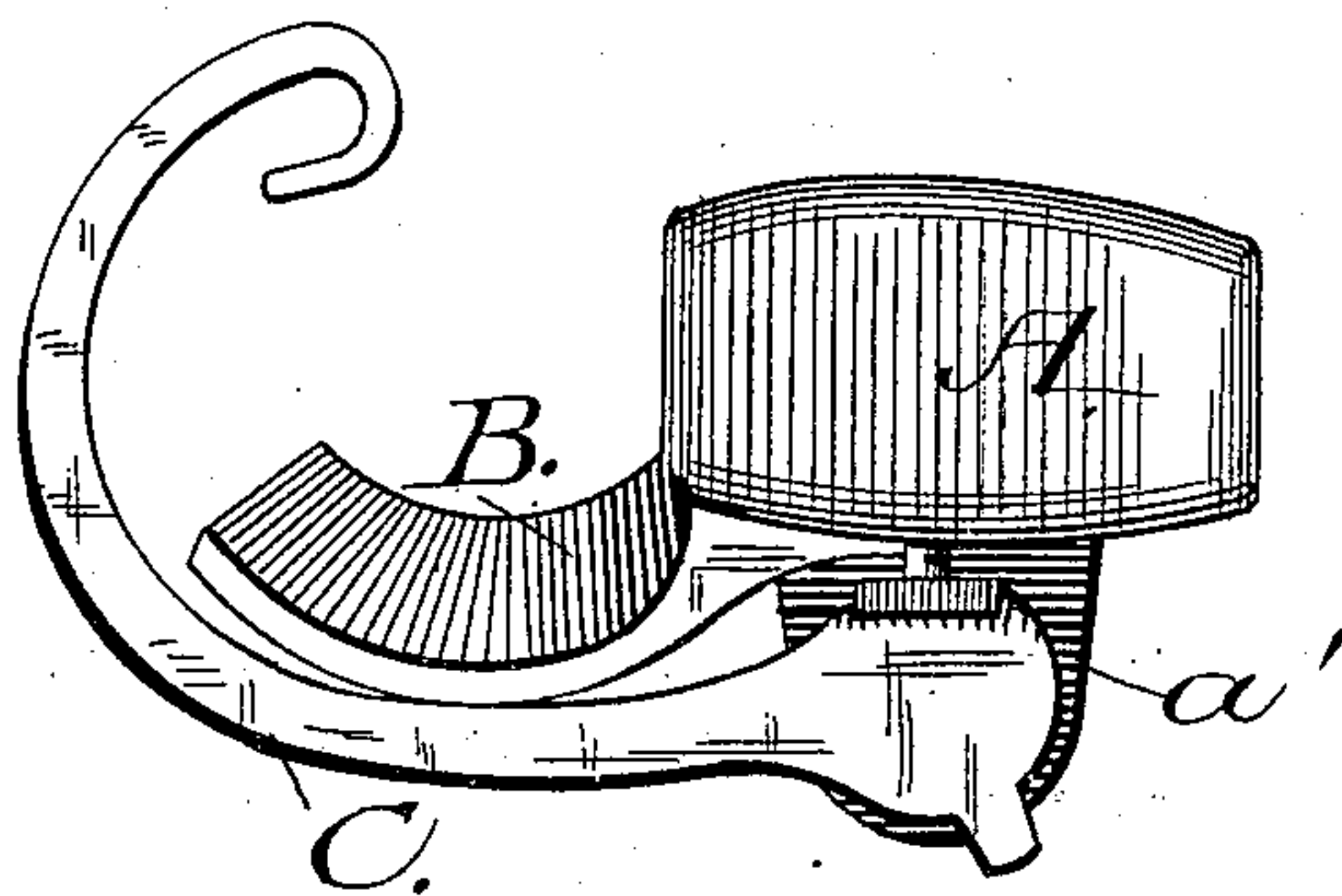
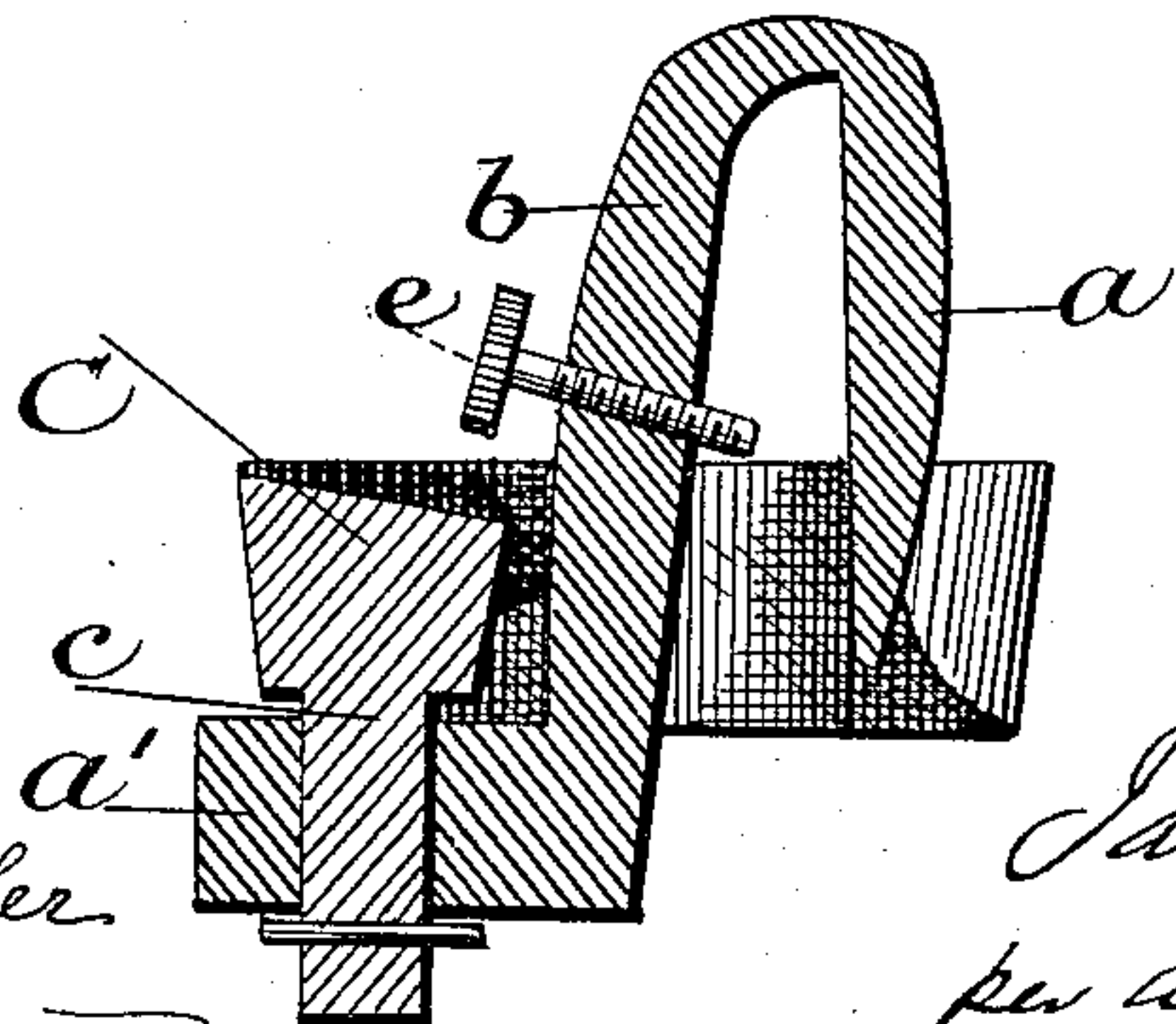


Fig. 3.



Attest;

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UNITED STATES PATENT OFFICE.

JAMES F. WALTER, OF WATERLOO, IOWA, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO W. H. LEAVITT, OF SAME PLACE.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 323,758, dated August 4, 1885.

Application filed March 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. WALTER, a citizen of the United States, residing at Waterloo, in the county of Black Hawk and State of Iowa, have invented a new and useful Improvement in Mop-Wringers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a mop-wringer with my improvements attached. Fig. 2 is a plan view; Fig. 3, section on $x x$ of Fig. 2.

My invention relates to that class of mop-wringers which are designed to be used in connection with a pail, tub, sink, or other receptacle for receiving the suds, and it is an improvement on my former application, allowed March 19, 1884; and it consists in the novel arrangement and combination of devices, as will be hereinafter more fully set forth, and specifically pointed out in the claim.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the said drawings, A represents the rear casting of my improved wringer, which is preferably made in one piece of metal, and is provided at its rear with a downwardly-projecting arm, a , the inner surface of which is slightly inclined toward the upper edge of the receptacle, as shown in Fig. 3, so as to conform to the configuration usually seen in a tub or pail. In front of this downwardly-projecting arm a , and extending a little beyond its lower edge, is the downwardly-projecting arm b , the inner face of which is formed in a manner similar to that shown and described in my former application.

To the lower end of the lower arm, a , and extending out at right angles to the said arm, is a step, a' , provided with a central perforation, through which is passed the pintle or shaft c , formed on the movable casting C, as will be hereinafter more fully described.

In my former application I have shown and described the arm a as being perforated on the outside to receive a set-screw. This construction I have found by experiment to be objectionable, in view of the fact that the screw will be forced into the wood; and it not only

disfigures the appearance of the receptacle, but it will easily work loose, which will require repeated adjustment of the wringer.

It will be readily observed from the drawings that I have perforated the arm b in such a manner that the screw e will bear upon the inside of the receptacle, and this construction enables the whole flat surface of the arm a to bear firmly against the outside of the tub or other vessel, and prevents any possibility of the wringer working loose. The arm b is also formed on its lower end, and in close proximity with the step a' , with a short curved arm, B, which, in conjunction with the movable casting C, enables the operator to wring the cloth almost perfectly dry, so tightly is the cloth held between the curved arm B and casting C. This arrangement also enables the operator to wring a small as well as large cloth, as the two curved portions may be brought close together, if necessary.

The casting C above referred to is constructed substantially the same as that shown in my former application, and is provided with a projecting lug, d , which, when the casting C is swung open, abuts against the surface of the arm b , which prevents the casting from being turned entirely back.

As before stated, the casting C is provided with a short shaft or pintle, which passes through the step a' , formed on the arm b , while the pintle is kept from moving out of the perforation by a key or other well-known means.

The operation of my present device is similar to that described in my former application.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, the herein-described mop-wringer, which consists of the casting A, perforated on its inner face, as shown, and provided with a projecting step, a' , and a short curved arm, B, in combination with the movable casting C, constructed substantially as shown, and for the purpose herein set forth.

JAMES F. WALTER.

Witnesses:

M. T. OWENS,
J. K. SWEENEY.