

No. 686,873.

Patented Nov. 19, 1901.

H. J. WHITE.  
WRINGER CLAMP.

(Application filed Nov. 26, 1900.)

(No Model.)

Fig. 1.

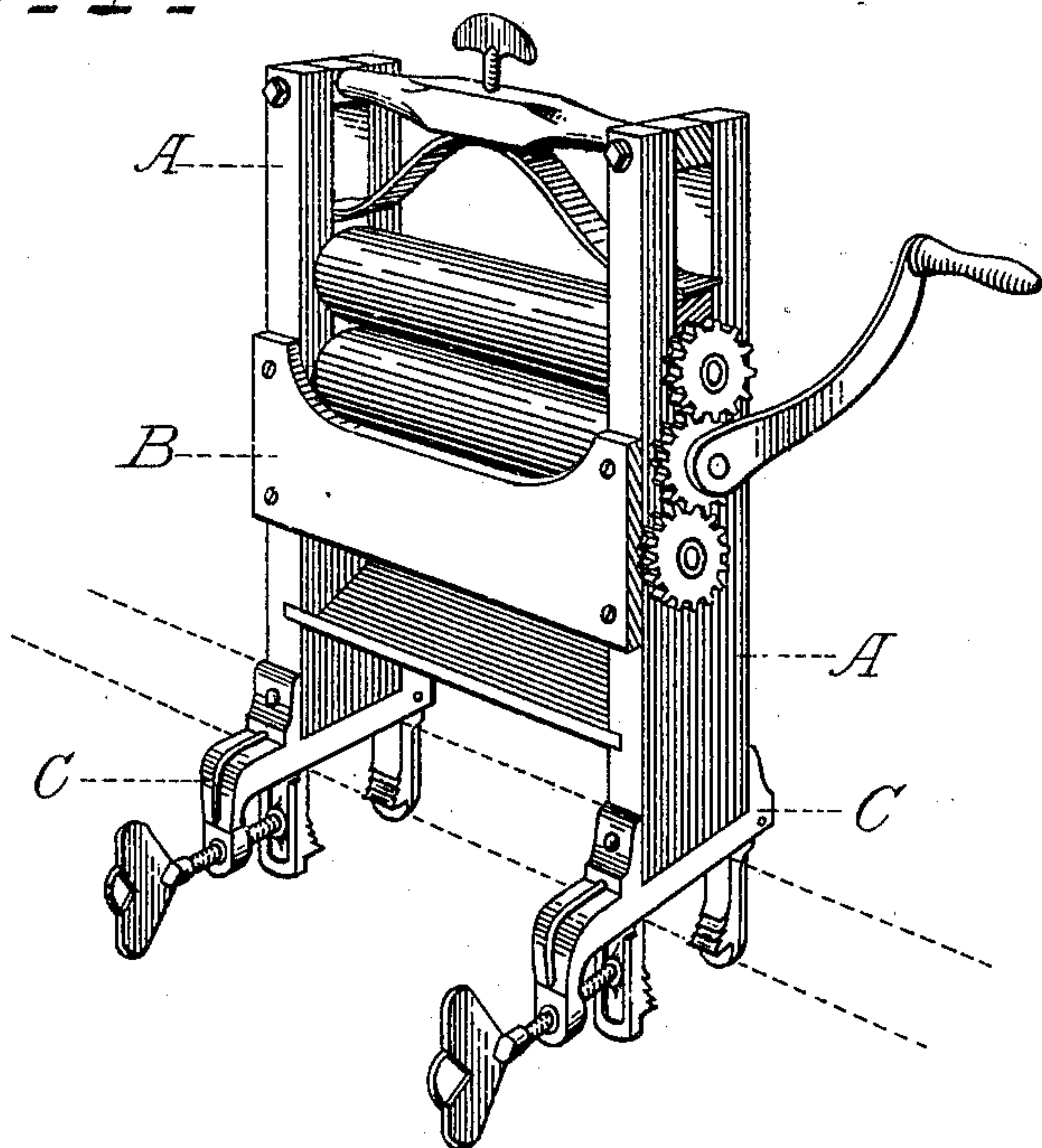


Fig. 2.

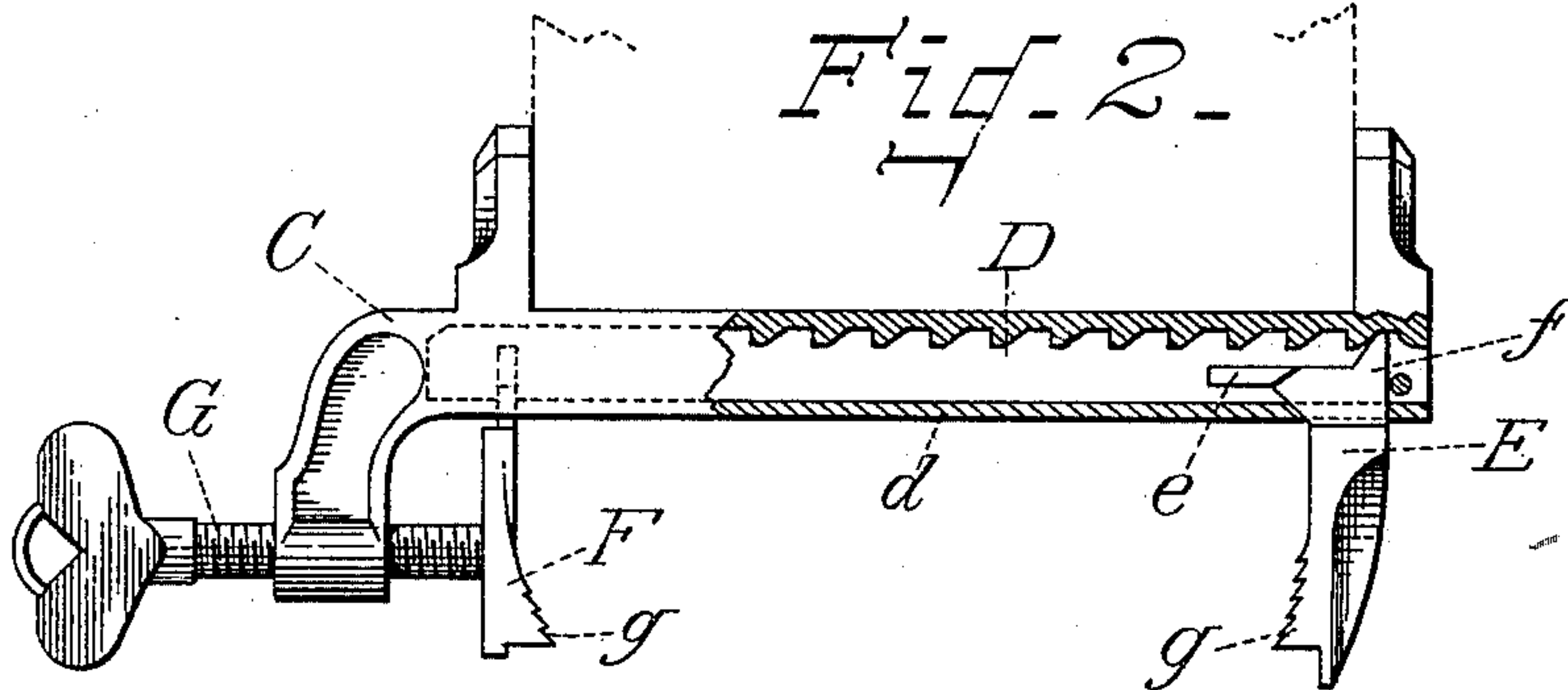
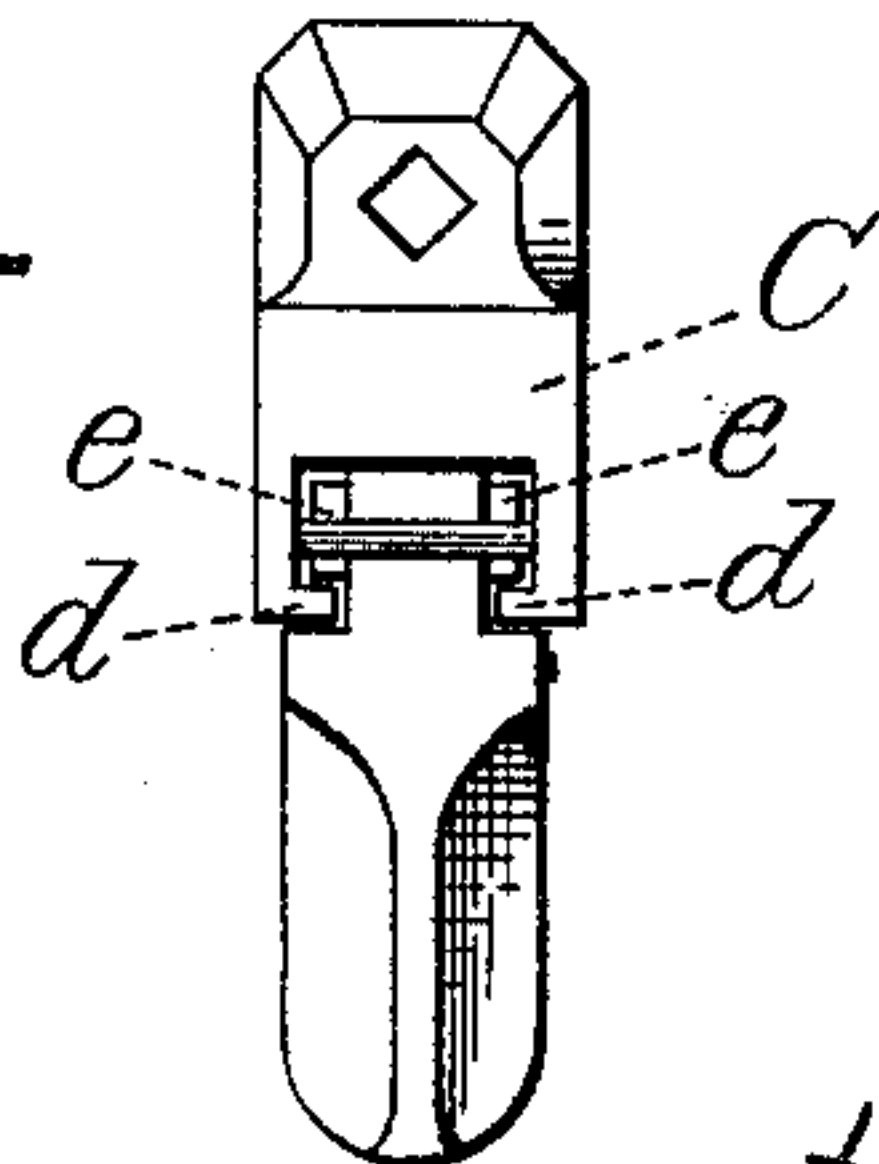


Fig. 3.



Witnesses:

Henry D. Lussell

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# UNITED STATES PATENT OFFICE.

HENRY J. WHITE, OF AUBURN, NEW YORK, ASSIGNOR TO THE AMERICAN WRINGER COMPANY, A CORPORATION OF RHODE ISLAND.

## WRINGER-CLAMP.

SPECIFICATION forming part of Letters Patent No. 686,873, dated November 19, 1901.

Application filed November 26, 1900. Serial No. 37,732. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY J. WHITE, a citizen of the United States, and a resident of the city of Auburn, State of New York, have invented certain new and useful Improvements in Wringer-Clamps, of which the following is a specification.

This invention relates to wringer-clamps; and it consists in a new construction of clamp whereby the wringer is firmly and readily secured upon a tub or support when in use, the present invention being an improvement on the clamp shown in my Patent No. 435,375, dated August 26, 1890, which it resembles in general construction, but possessing certain novel details of construction and specific improvements thereon.

In the drawings, Figure 1 shows a wringer of ordinary construction having a pair of my improved clamps attached thereto, and Figs. 2 and 3 are detail views of the improved clamp upon an enlarged scale.

Referring to the drawings by letters, like letters indicating like parts in the several views, the frame of the wringer, as shown, consists of the uprights or side frames A A, having the wringer-rolls mounted therein and the usual front board B, and at the lower ends of the uprights A A the clamp-frames C C are secured by means of upwardly-extending ears. The said clamp-frames C C comprise channel bars or sections, each of which has upwardly-projecting lugs or ears, by which said bars or sections are secured to the lower ends of the wringer side frames A, and each of said bars has formed on its inner upper wall a ratchet-tooth rack D, the teeth of which are adapted to be engaged by a dog E, which is freely movable in the said channel bar or section of the frame C. Another dog F, actuated by a screw G, threaded in a depending lug or bearing formed integral with the said frame C, is placed at the end of the frame C, as shown, said dog F being supported and freely movable in the channeled bar D by means of the screw G, as before stated. At the lower side of the frame C there are inwardly-projecting ledges d d, which furnish supports and bearing-places

for laterally-projecting ears e e on the dog E and prevent it from falling out, said dog being provided with a spur f, which is adapted to engage the teeth of the rack D.

The front faces of the dogs E and F are furnished with projections or teeth g g, which are inwardly stepped or successively offset toward the lower ends of the dogs to cause them to grip the support at their lower extremities, whereby they bite into and hold the wringer upon such support much more firmly, because by the construction of the dog, as shown, the lower gripping-point g, being at the farthest point from the spur f, gives a leverage that forces this spur strongly into the rack D, while the ears e e bear downward upon the ledges d d, the said teeth g g biting strongly into the wringer-support.

I do not claim, broadly, the use of a movable dog or its combination with a channeled bar or section, as these constructions are old and well known; but

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

In a clamp, the combination with a frame Chaving a channeled bar, of a ratchet-toothed rack D formed on the interior upper wall of said channeled bar, inwardly-projecting ledges d, d at the bottom of said channeled bar, a gripping-dog E supported by and freely movable in said channeled bar, said dog being provided with an upwardly-projecting rack-engaging spur f and laterally-projecting ears e, e, adapted to bear upon the said ledges d, d, and force the said spur f into engagement with said rack D, a second gripping-dog F supported by and movable in said channeled bar, and a screw G to move said dog F along said channeled bar, each of said dogs being provided at their depending gripping ends with inwardly-stepped or successively-offset teeth g, substantially as and for the purposes described.

Signed at Auburn, State of New York, this 23d day of November, A. D. 1900.

HENRY J. WHITE.

Witnesses:

A. G. BEARDSLEY, Jr.,  
H. D. PARSELL.