

No. 736,870.

PATENTED AUG. 18, 1903.

S. A. NEWCOMER.
CLOTHES WASHER.

APPLICATION FILED JAN. 29, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

Fig. 1.

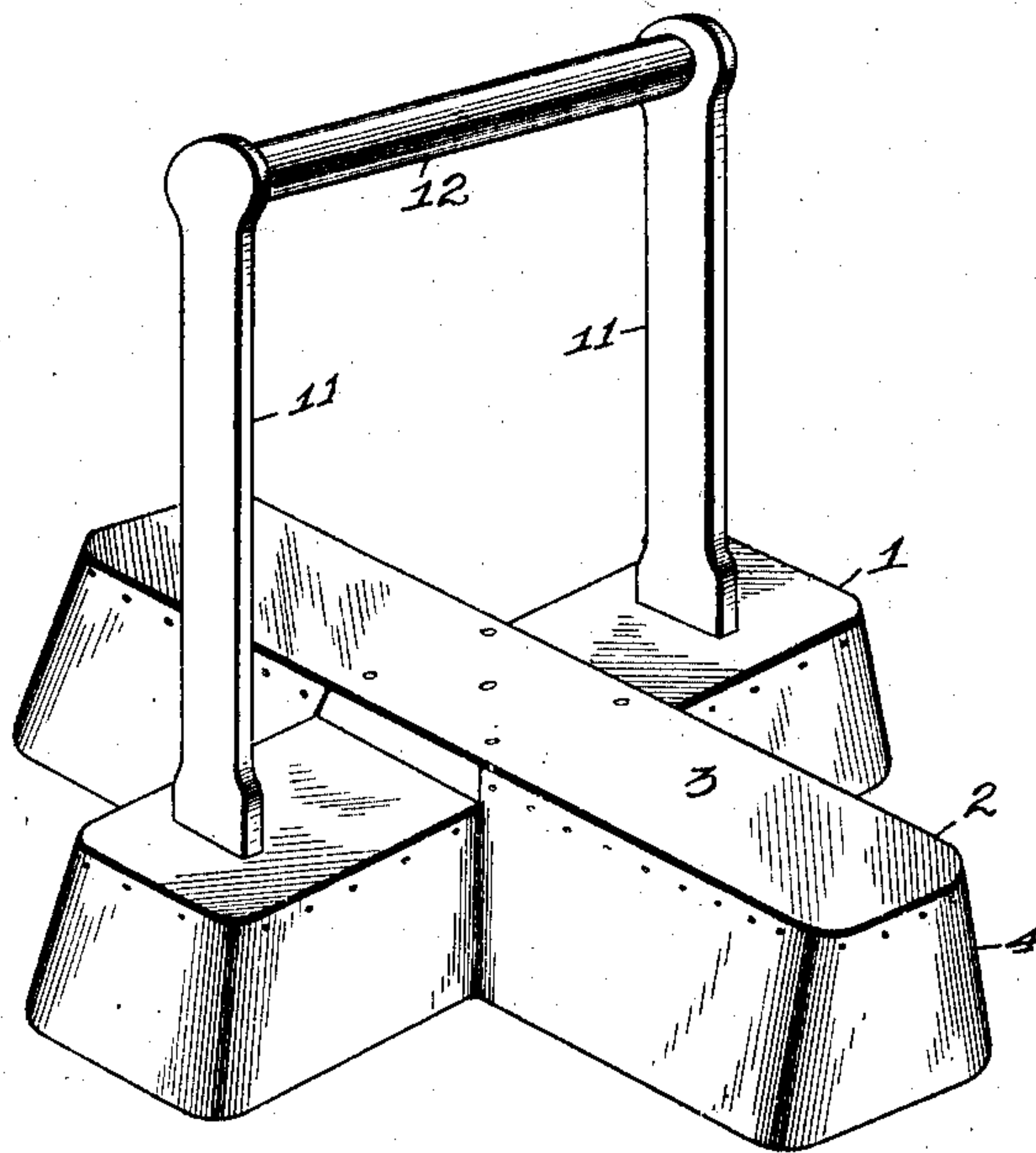
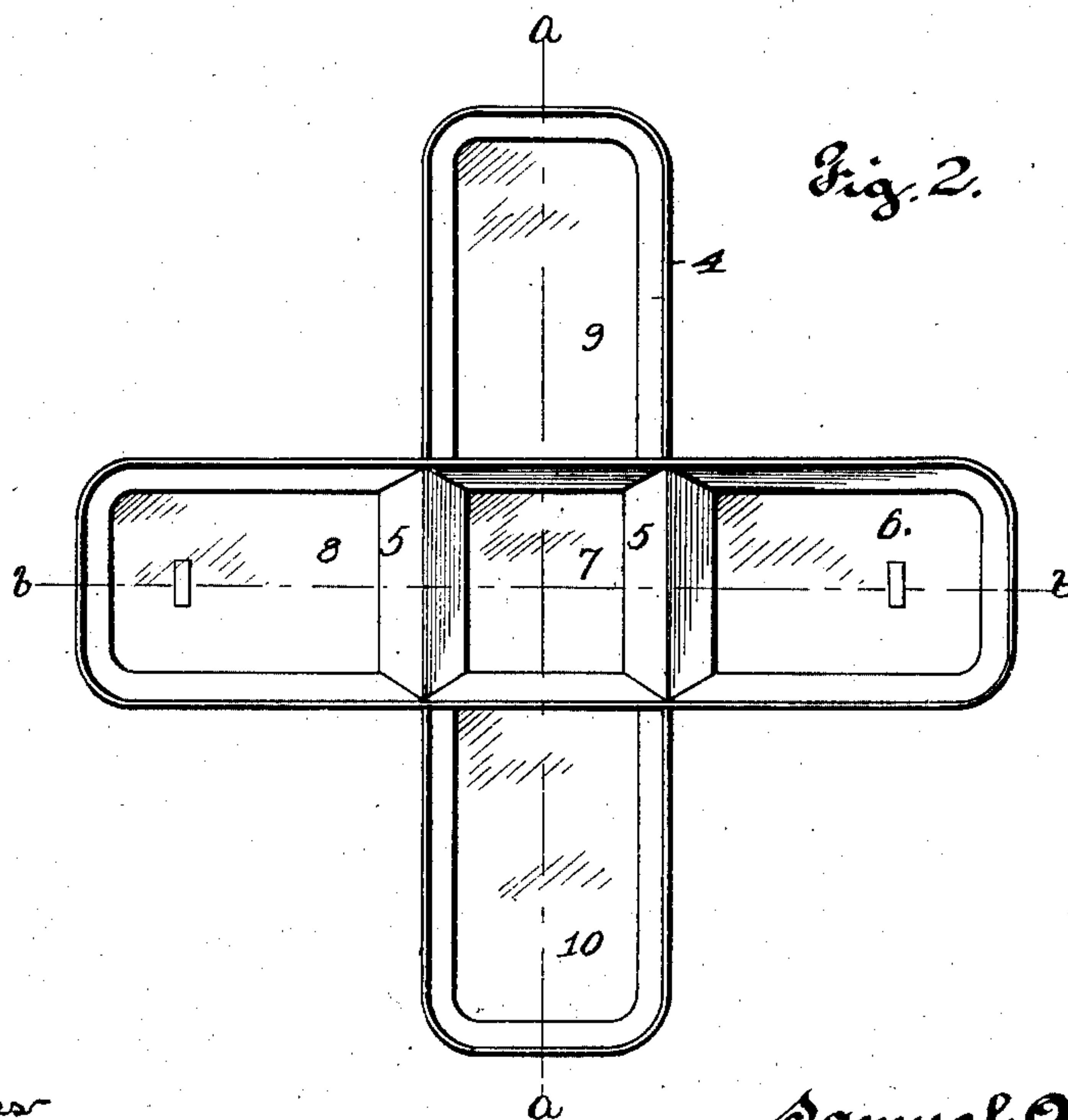


Fig. 2.



Witnesses

Alfred A. Eicher
Frank Turner

Indenter

Samuel A. Newcomer
by Higdon & Longan Attys.

No. 736,870.

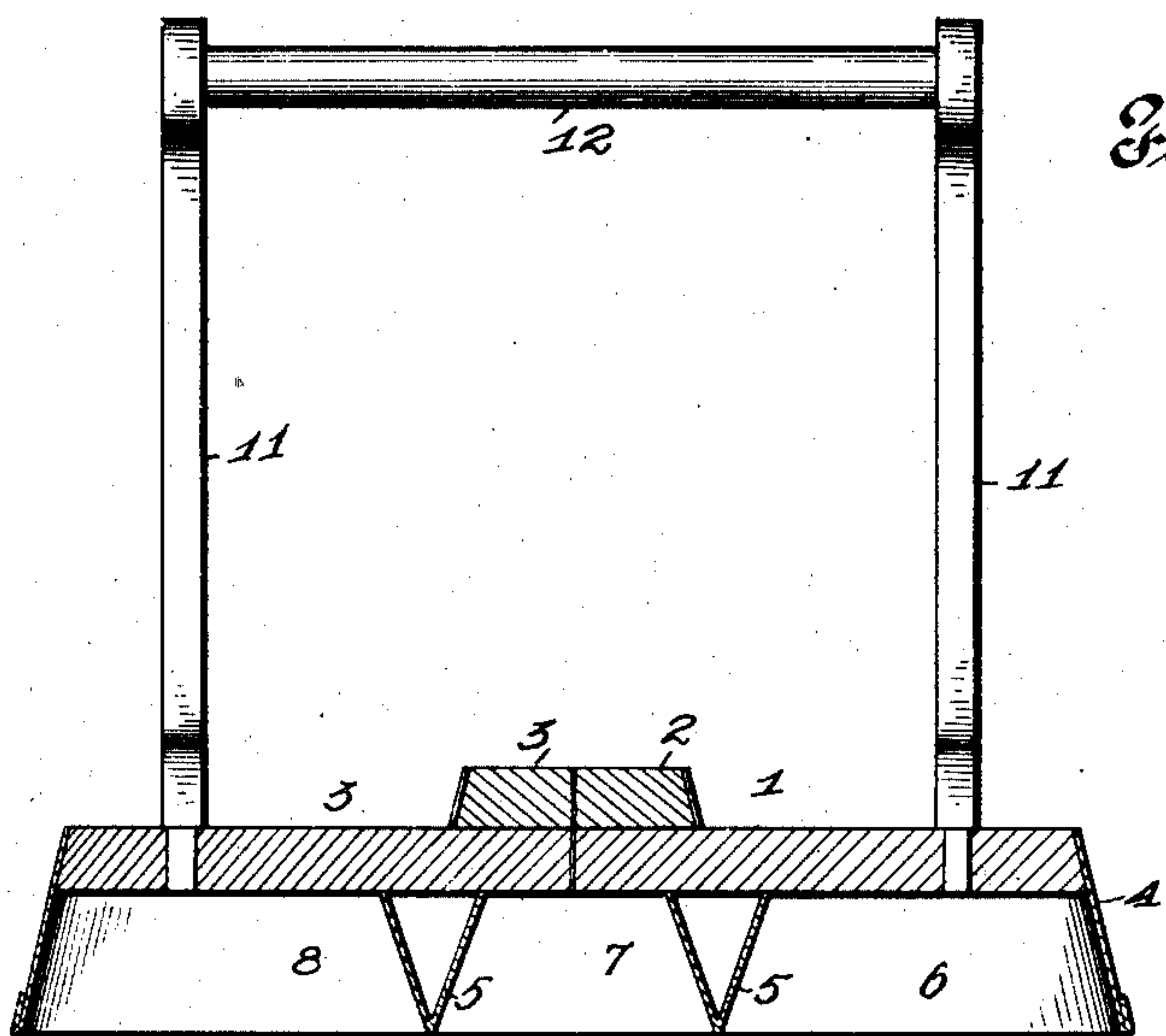
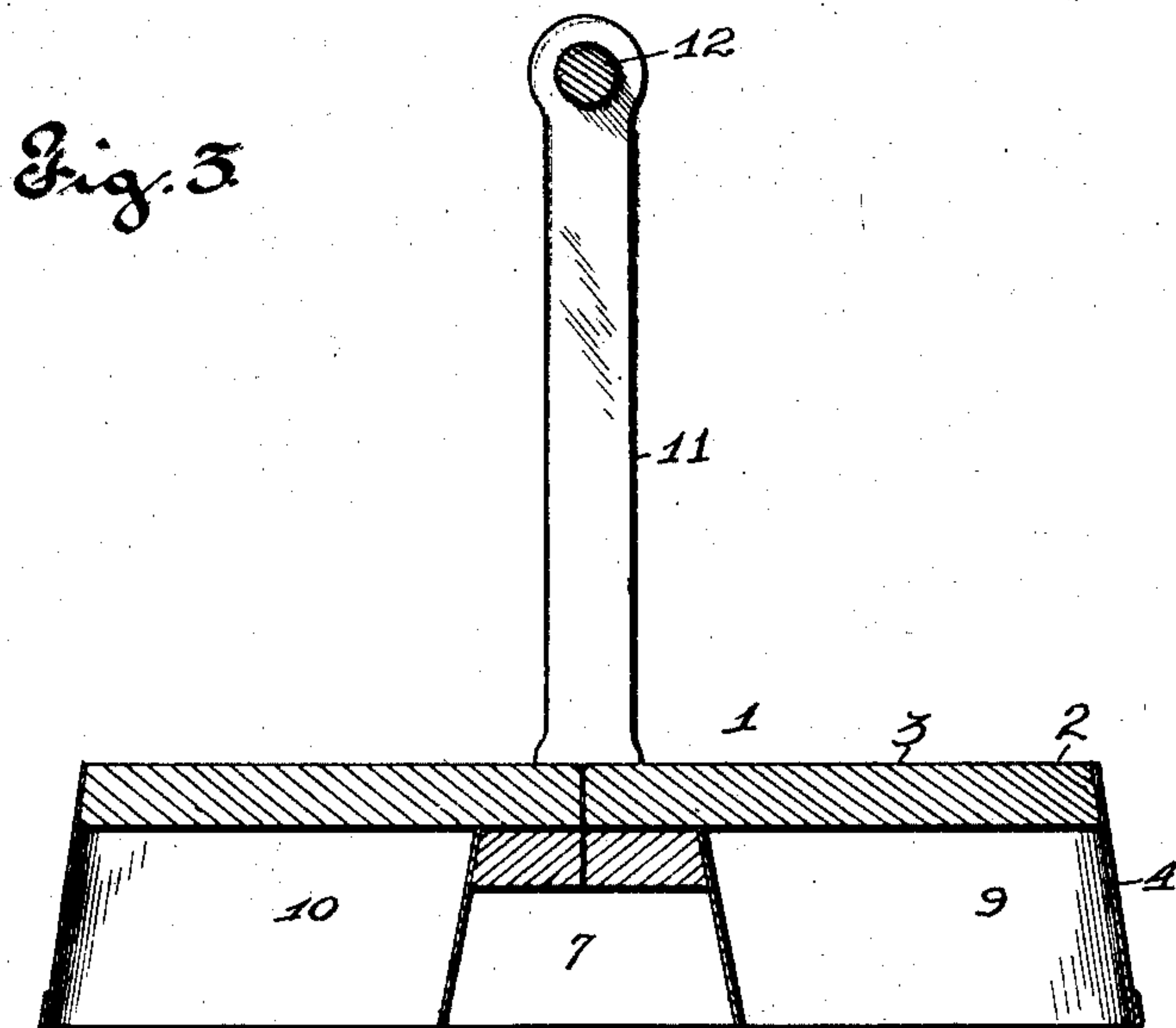
PATENTED AUG. 18, 1903.

S. A. NEWCOMER.
CLOTHES WASHER.

APPLICATION FILED JAN. 29, 1902.

NO MODEL.

2 SHEETS—SHEET 2.



Witnesses:

Alfred O. Eicher

Frank Turner

Inventor:

Samuel A. Newcomer

by Higdon & Longan Attys

UNITED STATES PATENT OFFICE.

SAMUEL A. NEWCOMER, OF ST. LOUIS, MISSOURI.

CLOTHES-WASHER.

SPECIFICATION forming part of Letters Patent No. 736,870, dated August 18, 1903.

Application filed January 29, 1902. Serial No. 91,717. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL A. NEWCOMER, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Clothes-Washers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

This invention relates to clothes-washers; and it consists of the novel construction, combination, and arrangement of parts herein-after shown, described, and claimed.

The object of my invention is to provide an improved clothes-washer which shall be cheap and simple in construction and very efficient in operation.

In the drawings, Figure 1 is a perspective view of a clothes-washer embodying my invention. Fig. 2 is an inverted plan view. Fig. 3 is a section on the line *a a* of Fig. 2. Fig. 4 is a section on the line *b b* of Fig. 2.

In carrying out my invention I make use of two inverted air-chambers 1 and 2, which are preferably arranged crosswise of each other, so that in plan view they are + - shaped. These air-chambers are preferably formed with a wooden top 3, around which is securely fastened a sheet of suitable metal 4 and which may be secured at its upper edge to the said wooden top by means of tacks, screws, or other proper fastening devices. The two crossed wooden tops are secured together centrally of their lengths by means of suitable nails or screws. The interior of the air-chamber 1 is subdivided by means of two V-shaped partitions 5 into three smaller aligned chambers 6, 7, and 8, and the air-chamber 2 is divided by the said chamber 1 into two separate chambers 9 and 10, with the central chamber 7 between them.

A pair of standards 11 are attached to the top of chamber 1 and extend upwardly a suitable distance and are provided thereat with a handle 12.

The operation is as follows: The device is to be used in a common washtub with a suitable quantity of water and clothing placed therein, the washer being placed upon the clothing. The operator grasps the handle 12 and pulls the same toward him, but does not lift the entire device. By pulling the handle 12 toward the operator the end of the air-chamber 2 which is opposite the operator will be elevated and the end which is next ad-

jacent the operator will be correspondingly forced downwardly into the clothes and water contained in the tub. Then the operator forces the handle away from himself, and this produces an effect directly opposite of that produced by the first movement—that is to say, it depresses the end of chamber 2 which had previously been elevated and lifts the opposite end of said chamber. These movements should be continued until the clothes in the tub are properly washed. The oscillatory movement of the handle 12 will also have the effect of intermittently elevating and depressing the chamber 1, but not to such great extent as the outer ends of chamber 2 are elevated and depressed. It will be readily understood that these peculiar movements of the air-chambers in the water and upon the clothes will have the effect of alternately compressing and relieving the air contained in the upper part of all the air-chambers 6, 7, 8, 9, and 10. When said air-chambers are moved upwardly, there will be a suction exerted upon the clothes, and when said chambers are forced downwardly the edges of all of said chambers will forcibly press the clothes downwardly and detach a certain quantity of dirt from the clothes at each stroke.

What I claim is—

A rocking clothes-washing apparatus comprising rectangular-shaped air-chambers having inclined side and end walls, said chambers being crossed at their central portions and secured together so as to extend outwardly from their points of attachment in four equal opposite directions, one of said chambers having V-shaped spaced-apart partitions to form an interposing compartment between them and also compartments on opposite sides thereof, the other air-chamber being divided into two compartments by means of the inclined side walls of the first-mentioned air-chamber, and standards rising from the upper surface of one of the chambers having an operating-handle to rock the apparatus forward and backward, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL A. NEWCOMER.

Witnesses:

ALFRED A. EICKS,
FRANK TURNER.