(No Model.)

G. T. ASKEW.

WASHING MACHINE.

No. 537,810. Patented Apr. 23, 1895.

Fig. 1.

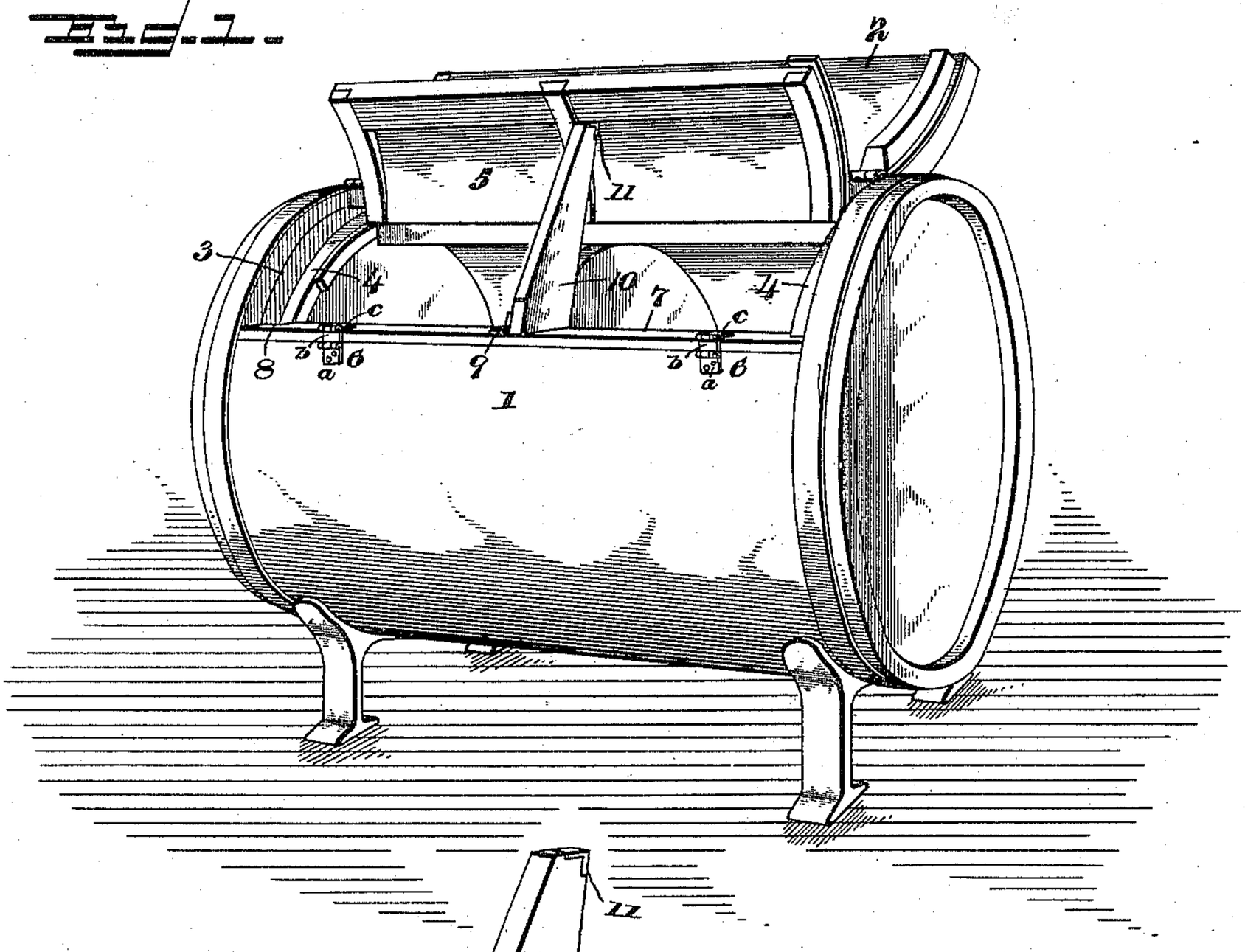

Fig. 2.

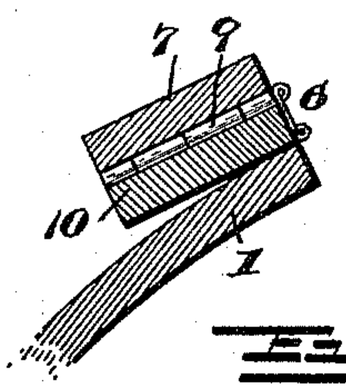

Fig. 3.

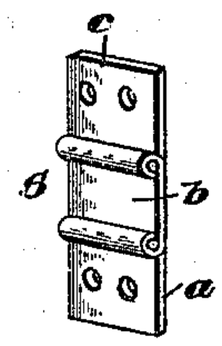

Fig. 4.

Inventor

Witnesses

E. K. Stewart.

D. B. Owens.

By his Attorneys.

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UNITED STATES PATENT OFFICE.

GEORGE T. ASKEW, OF NEW BRUNSWICK, NEW JERSEY.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 537,810, dated April 23, 1895.

Application filed September 10, 1894. Serial No. 522,631. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. ASKEW, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented a new and useful Washing-Machine Attachment, of which the following is a specification.

This invention is adapted for application to that class of washing machines in which a revolving clothes-receiving cylinder is placed within a stationary cylinder or casing and adapted to be revolved through the water contained in said stationary cylinder or casing in the operation of cleaning the clothes; and it has for its object to prevent small articles of apparel from dropping between the two cylinders during the operation of loading or unloading the machine.

A further object is to provide means for holding the revoluble cylinder stationary during such operation, and for keeping the lid of such cylinder in an elevated position.

To these ends the invention consists in certain novel features of construction, and combination and arrangement of parts as will be hereinafter more fully described, and finally embodied in the claims.

In the drawings: Figure 1 represents a perspective view of a portion of a washing machine having my improvements applied thereto; Fig. 2, an enlarged perspective of my attachment; Fig. 3, a sectional view, illustrating the attachment in the position which it assumes when the machine is loaded and ready to operate; Fig. 4, a detailed perspective of one of the hinges employed to secure my attachment to the machine.

The reference numeral 1 indicates the outer cylinder or casing of the usual washing machine, which is provided with suitable legs and operating mechanism, all of which, though not shown, will be understood.

2 indicates the lid, which commands the opening 3 in the casing 1.

4 indicates the revolving or clothes-receiving cylinder, which is provided with a lid 5, and which, together with the cylinder 1, may be of any form or construction.

Secured to the edge of the opening 3 which is opposite the side to which the lid 2 is hinged, are the hinges 6, which consist of three sections, *a*, *b* and *c*.

The sections *a* are secured to the edge of the cylinder 1, while the sections *b*, being intermediate the sections *a* and *c*, are pivotally connected to each. The sections *c* are, in turn, secured to the plate 7. Thus it will be seen that the plate 7 is joined to the cylinder 1 by a double-jointed hinge, the purpose of which will appear hereinafter. The plate 7 is of a length equal to the length of the opening 3, and has its lower corners formed with the notches 8, which are adapted to receive the peripheries of the cylinder 4 at that point where the feed-opening is formed. When so related, the space existing between the cylinders 1 and 4 will be effectually closed, and the passage of apparel thereinto prevented.

9 indicates a hinge, which has one section secured to the plate 7, at about the middle thereof and extending laterally thereon, while the remaining section is secured to an arm 10. By these means the arm 10 is hinged to the plate 7, so as to be capable of swinging at right angles thereto or snugly against the side thereof. The arm 10 is approximately triangular in shape and arranged with its sloping side upward.

Countersunk in the forward end of the arm 10 is the angular plate 11, which operates as a facing plate to prevent marring the wood of which the arm 10 is composed during the operation thereof.

In the use of the invention, supposing that it is desired to load or unload the machine, the plate 7 should be swung downwardly until its notches 8 fit within the corners of the heads of the cylinder 4, after which the arm 10 should be swung out at right angles to the plate 7 so that it will engage with the under side of the lid 5, thus supporting the lid in a raised position, the facing plate 11 engaging with said lid and operating to pinch or bite into the same, thus insuring an effective connection.

It will be observed that when the attachment is in position it will be quite impossible for the inner cylinder to move in either direction, thus permitting clothes to be inserted or removed with perfect ease.

Owing to the peculiar construction of the hinges 6, it is possible to fold the attachmen back in the compact position shown in Fig. 3, while the hinges also serve to allow the plate 7 to project downwardly into engagement with the cylinder 4.

Various changes in the size, proportion, and arrangement of the parts of my invention may be resorted to without departing from the substance thereof. Therefore I desire it understood that I am not restricted to the precise construction herein shown, but am entitled to all such variations as come within the above definition.

Having described the invention, I claim—

1. In a washing machine, the combination of a stationary cylinder or casing provided with a feed-opening, a revoluble cylinder mounted within the stationary cylinder and having a feed-opening therein, a lid commanding said feed-opening, a plate hinged to the edge of the opening in the stationary cylinder or casing and capable of swinging into the opening in the revoluble cylinder, and an arm hinged to the plate and capable of being moved into engagement with the lid of the revoluble cylinder, substantially as described.

2. In a washing machine, the combination of a stationary cylinder or casing provided with a feed-opening, a revoluble cylinder arranged within the stationary cylinder and also having a feed-opening, a plate hinged to the edge of the opening in the stationary cylinder, the hinge of said plate being formed of three sections whereby the plate is hinged to the stationary cylinder so as to be capable of double movement thereon, and an arm hinged to the plate and capable of being moved into engagement with the lid of the revoluble cylinder, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEO. T. ASKEW.

Witnesses:
PETER N. WYCKOFF,
JAMES E. SERVISS.