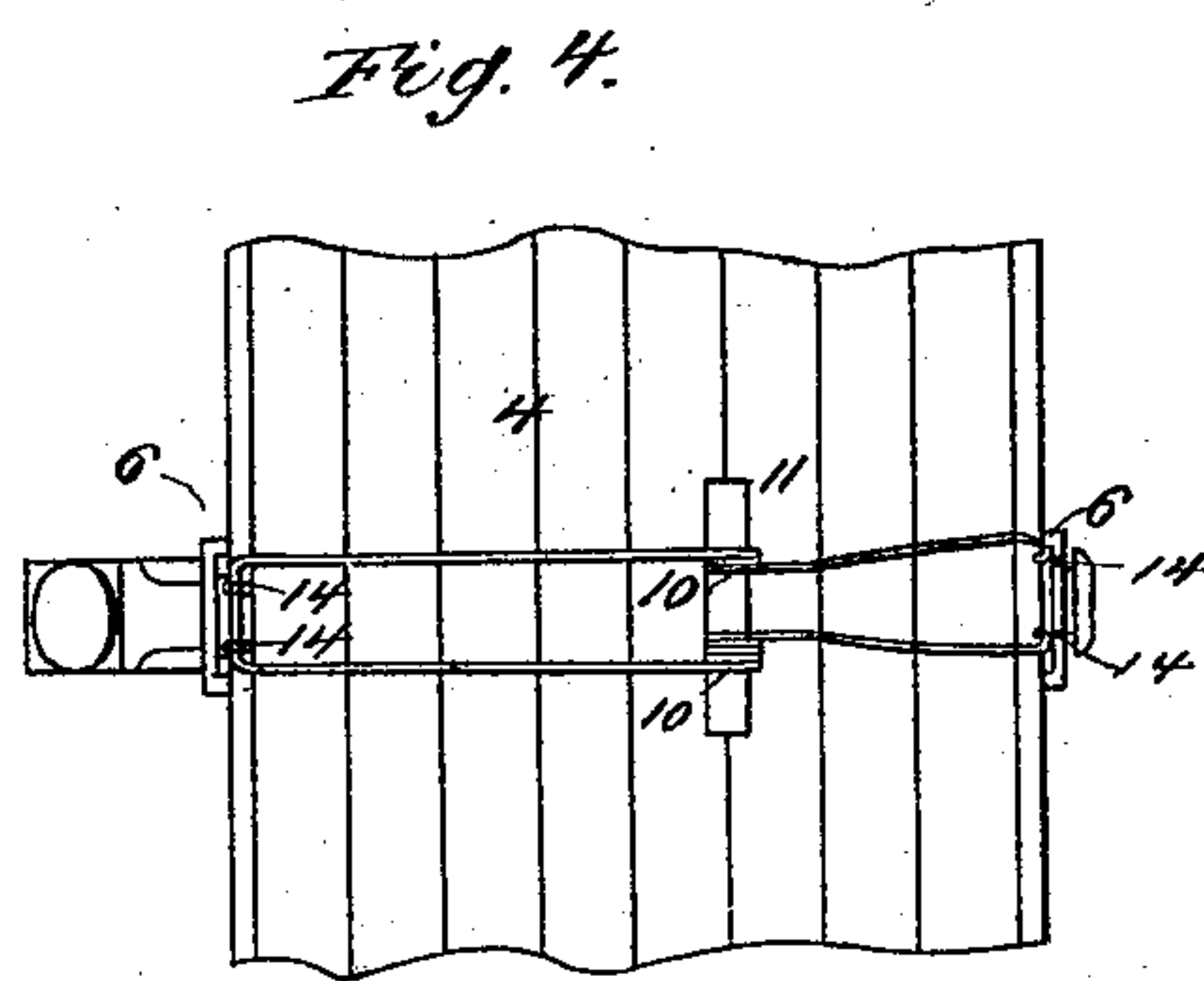
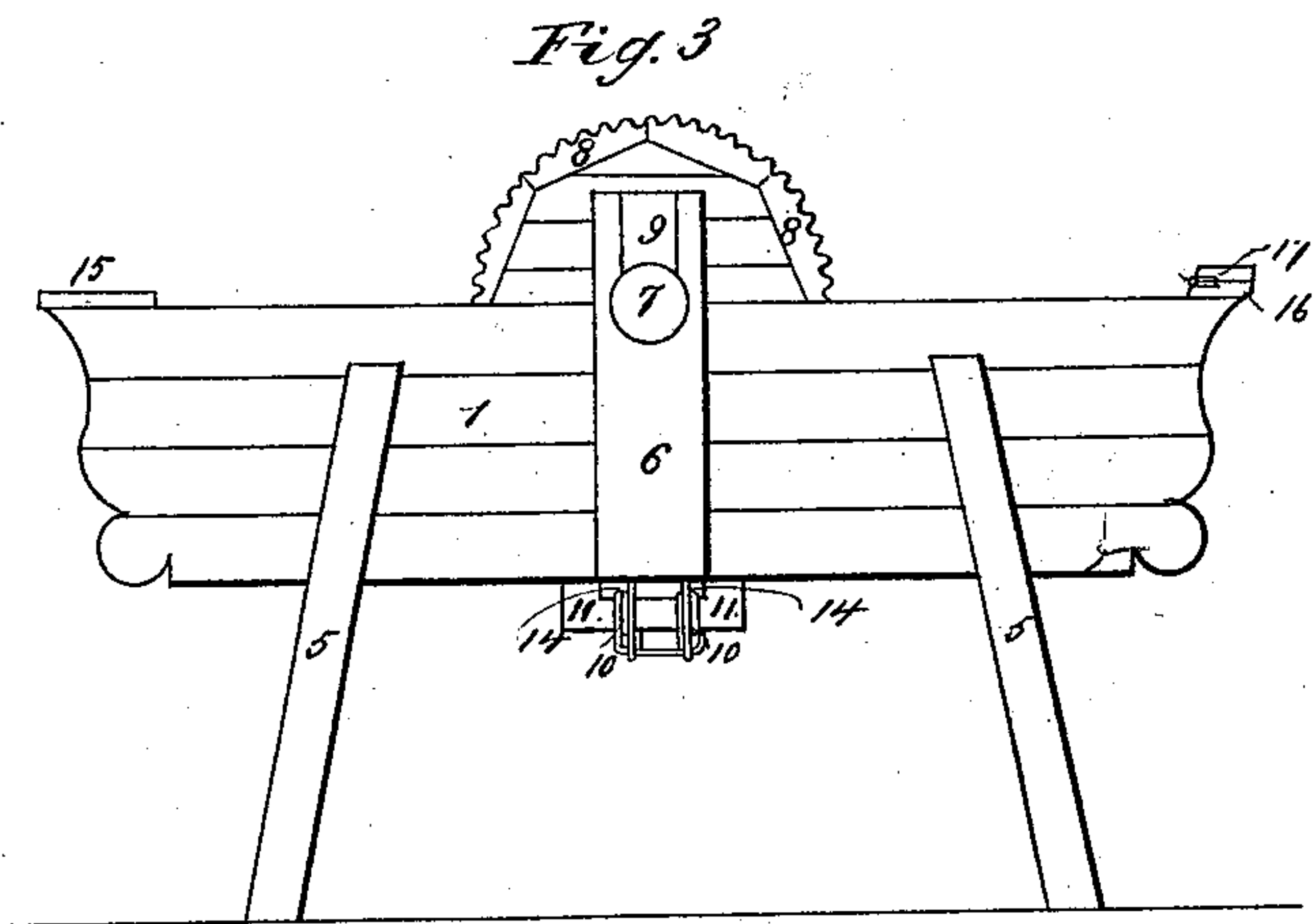
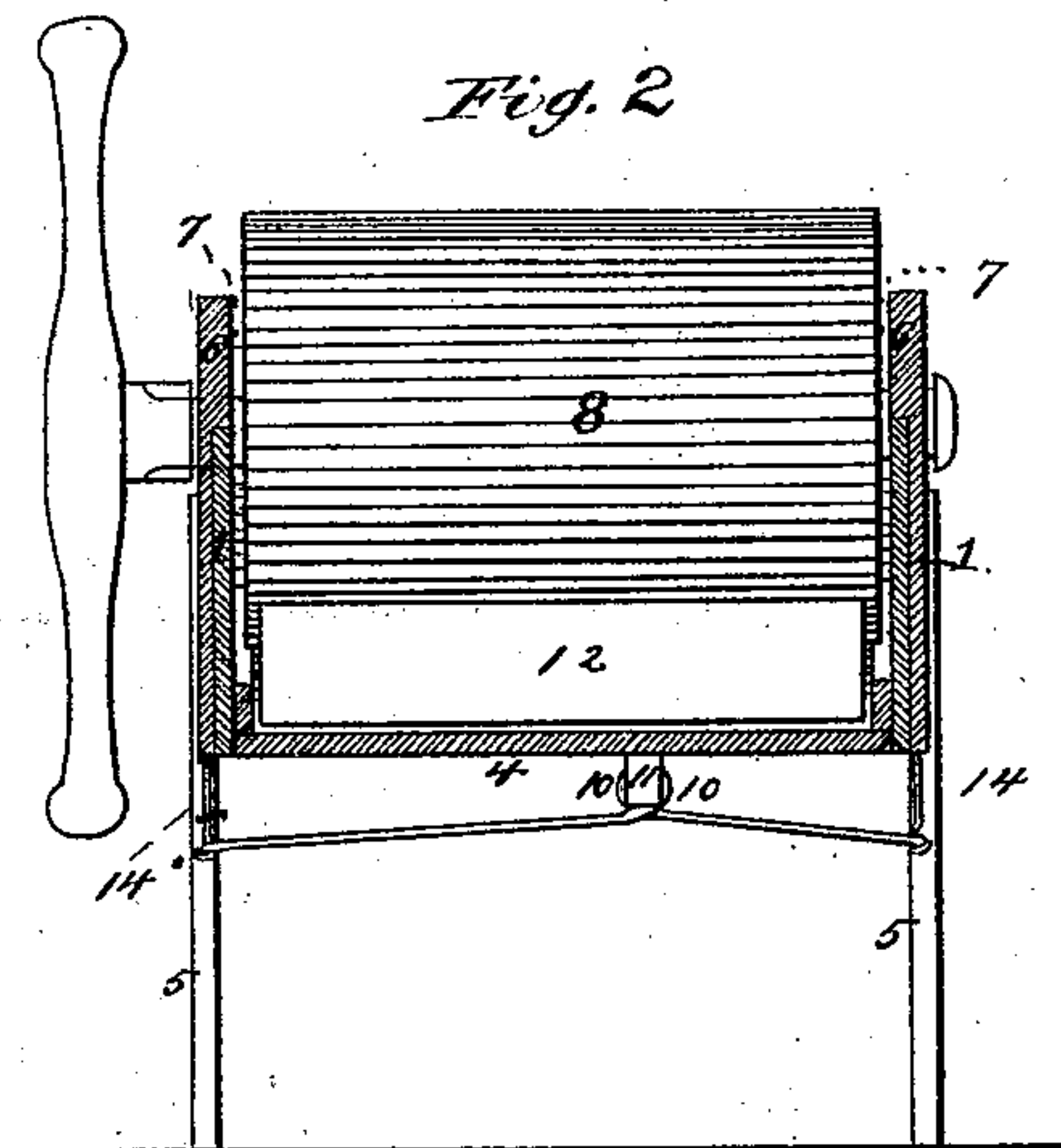
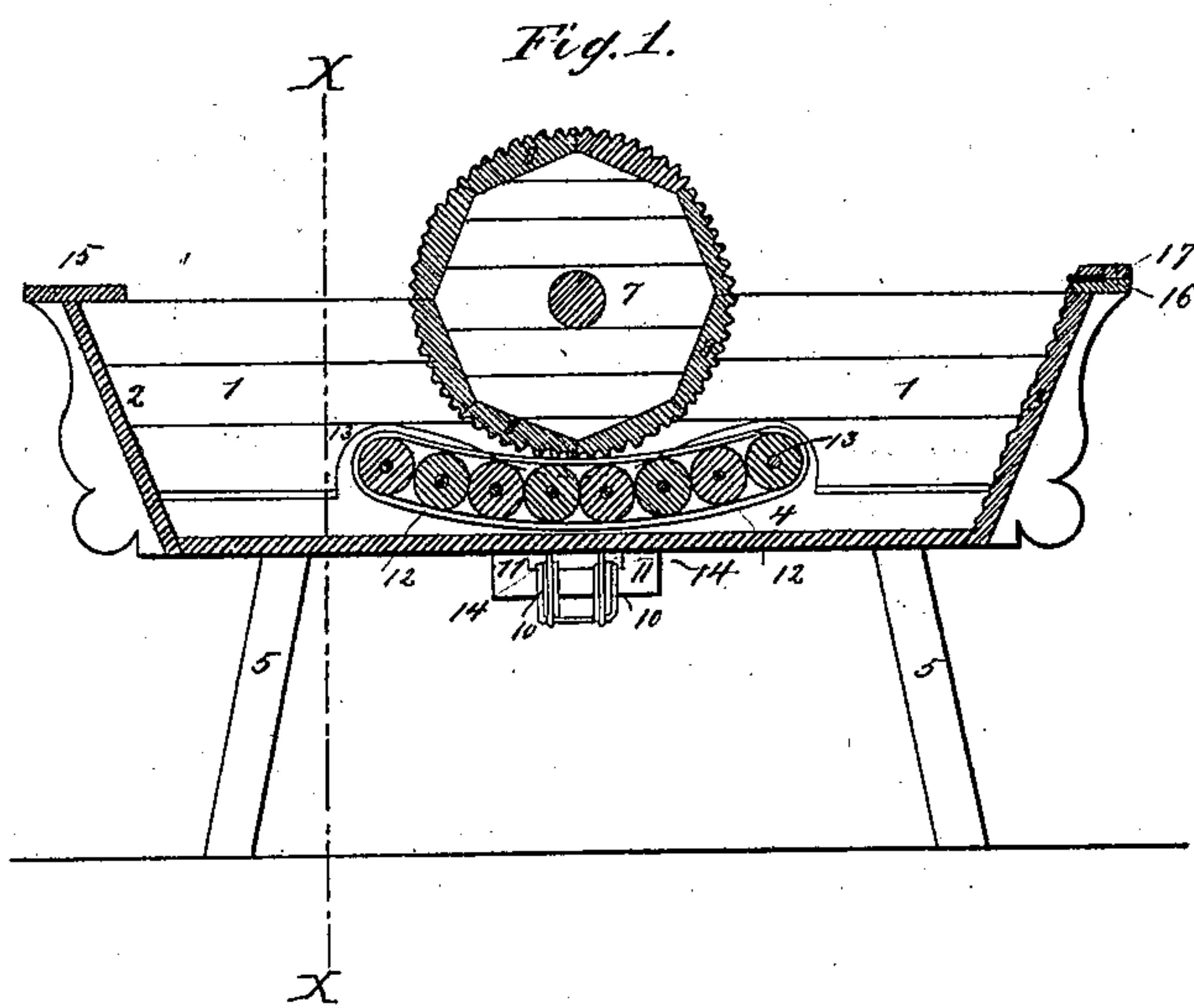


C. H. B. Kellogg,

Washing Machine,

N^o 34,756.

Patented Mar. 25, 1862.



Witnesses

A. E. Miller
C. E. Jordan

Inventor

C. H. B. Kellogg.

UNITED STATES PATENT OFFICE.

C. H. B. KELLOGG, OF ARCADIA, OHIO.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 34,756, dated March 25, 1862.

To all whom it may concern:

Be it known that I, C. H. B. KELLOGG, of Arcadia, in the county of Hancock and State of Ohio, have invented a certain Improvement in Washing-Machines, the construction and operation of which I have described in the following specification and illustrated in its accompanying drawings with sufficient clearness to enable competent and skillful workmen in the arts to which it pertains or is most nearly allied to make and use my invention.

My said invention consists in the arrangement, hereinafter described, of the springs which hold the rubber to its work, in combination with the journal-boxes in which its bearings are supported, the rods which connect the journal-boxes to the springs, the receptacle in which the clothes are placed, and the hollow uprights by which the rods which connect the springs to the journal-boxes are protected.

In the accompanying drawings, Figure 1 is a vertical longitudinal section of my improved machine, showing the parts at the right hand of a central plane passing vertically through Figs. 2 and 4. Fig. 2 is a transverse elevation showing the parts at the right-hand side of the line X X drawn across Fig. 1. Fig. 3 is a side elevation. Fig. 4 is an under side view of the central portion, representing the arrangement of the springs under the box or receptacle for the clothes.

1 1 are the sides, and 2 and 3 are the ends of the box in which the clothes are placed to be washed. 4 is the bottom. These are supported on legs 5 5, as represented. Two hollow uprights 6 6 are attached to the sides of the box and support the bearings of the journals 7 7 of the cylindrical rubber 8. As before remarked, these uprights or side pieces 6 6 are hollow, as represented in Fig. 4, the object of this arrangement being to admit the wire rods 14 14, which connect the blocks 9 9 (which cover the bearings of the rubber) to the springs 10 10, which are hung upon a piece of wood 11, which is attached to the bottom of the box in which the clothes are placed. The object of these springs is to hold the rubber down upon the web or belt 12, which passes over the rollers 13, and is thereby drawn up in contact with the rubber 8. The rubber 8, being light, must necessarily be held down to its work, which is accomplished by the arrangement, already described, of the springs 10, in con-

nection with the other parts. The rods 14 14 are made with hooks at their lower ends, by which they are attached to the springs 10 in such a manner as to allow them to be readily detached to allow the rubber 8 to be removed with facility. This arrangement places the springs entirely out of the way, while at the same time it allows them to be conveniently detached. The boxes or side pieces 6 6 entirely protect the rods 14 from injury.

It will be observed that the end of the box or receptacle for the clothes are flared or inclined, and that pieces of board 15 and 16 and 17 are placed upon the top of these ends to prevent the water from dashing over when the rubber 8 is operated. The board 15 is made of a single piece; but the other end of the box is corrugated to form a wash-board or rubbing-board to finish any little parts that may have escaped the action of the rubber 8. If the board at the top of this were made continuous, as is the case with the board at the other end, it would be difficult, if not impossible, to get at the rubbing-board. To obviate this difficulty, I make the board at that end in two parts, and so hinge the part 17 to the part 16 that it may be folded down into the position which would make it resemble the board at the other end of the box, or folded back into the position in which it is represented in the drawings—in the one instance to act as a cover to prevent the ends from dashing over at the end of the box when the rubber 8 is used, and in the other to allow the rubbing-board 3 to be got at without difficulty, its horizontal position causing it to afford a narrow shelf for the purposes already stated. The joint between the parts 16 and 17 may be closed perfectly by nailing or otherwise attaching a piece of thin leather or canvas should it in any case be found necessary.

Having thus fully described my said invention, I claim—

The arrangement described of the springs 10 10, in combination with the rods 14 14, bearing-blocks 9 9, hollow side pieces 6 6, and the receptacle in which the clothes are to be washed, substantially as and for the purposes set forth.

C. H. B. KELLOGG.

Witnesses:

A. E. MILLER,

P. S. PARR.