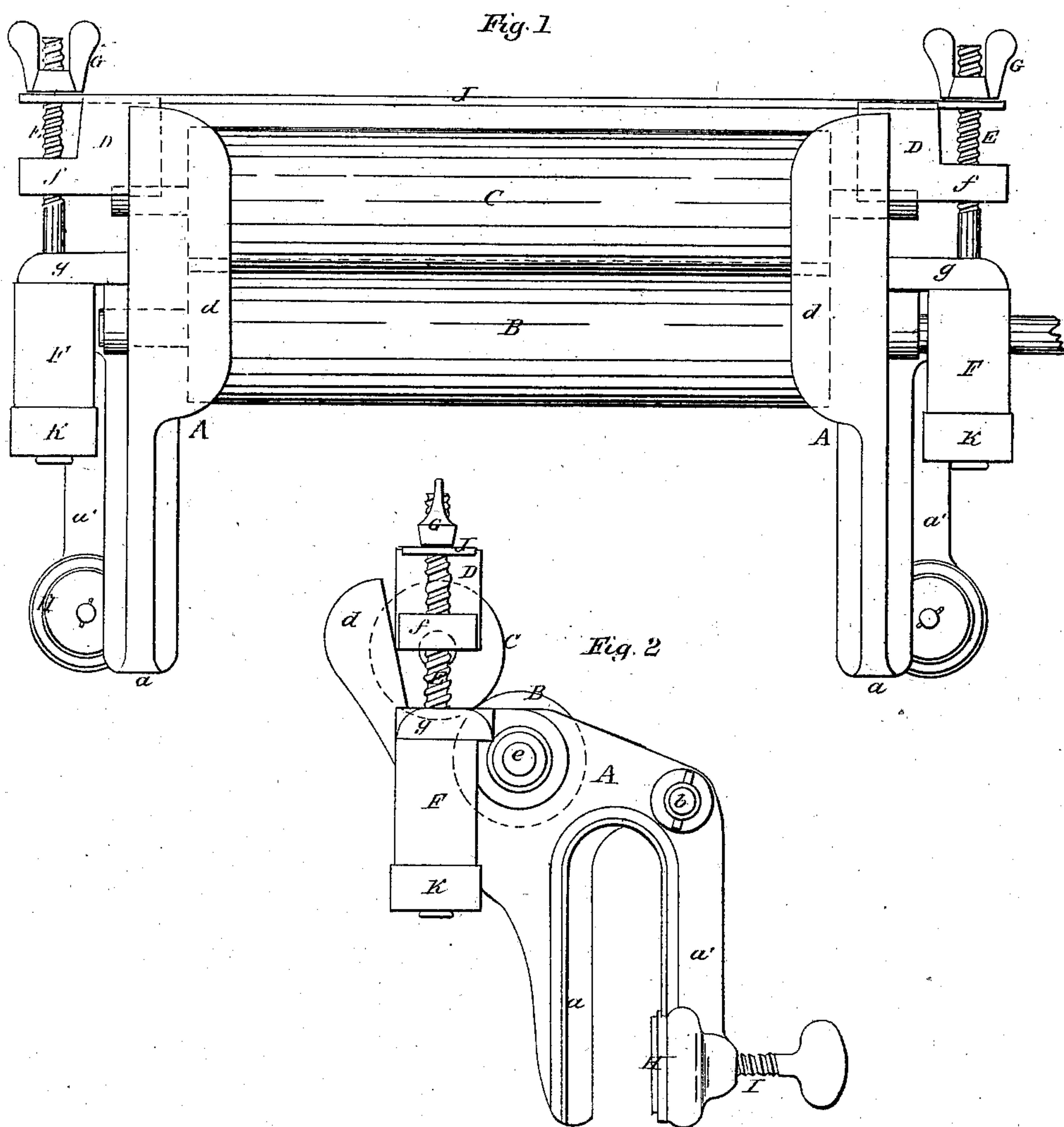


S. S. Hemenway,

Wringer,

N^o 1,7951.

Patented May 30, 1865.



Witnesses:

M. Ames

C. W. Claridge

Inventor:

S. S. Hemenway

UNITED STATES PATENT OFFICE.

S. S. HEMENWAY, OF BOSTON, MASSACHUSETTS.

IMPROVED CLOTHES-WRINGER.

Specification forming part of Letters Patent No. **47,951**, dated May 30, 1865; antedated May 19, 1865.

To all whom it may concern:

Be it known that I, S. S. HEMENWAY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Clothes-Wringers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a front elevation, and Fig. 2 a side elevation.

Like parts are indicated by the same letters in both figures.

My invention is intended more particularly as an improvement on the machine patented June 17, 1862, by Sylvanus Walker, numbered 35,643; and it consists in the employment of a slat or bar uniting the upper ends of the screw-bolts E E, and resting in longitudinal grooves on the upper surfaces of the detached sockets D D, whereby the latter are prevented from turning, twisting, and binding on the ends of the upper roller, C, and on the said screw-bolts, which bolts are also kept thereby from bending or springing apart, thus obviating several very objectionable features in the aforesaid patent.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

The frame of the machine consists of two metallic side pieces, A A, united by means of a stiff rod or bar, b, as represented in Fig. 2.

a and a' are arms or prongs extending downward from the side pieces of the frame, and designed to clasp the upper edge of the tub to which it is to be attached, I being a thumb-screw passing through the prong a', and entering and loosely fitting in the center of a self-adjusting foot, H, which, being forced by means of said screw against the outside of a tub, confines the wringer firmly to it.

The rollers B and C are constructed of rubber or other suitable elastic substance, like those in general use. The lower roller, B, turns in fixed bearings in the sides of the

frame, as shown in Fig. 2, and is provided with a suitable handle in the usual manner. The ends of the upper roller, C, have their bearings formed of two detached sockets or blocks, D D, the under sides of which are provided with half-round grooves to receive them, and the upper sides with longitudinal grooves, as shown in the drawings, to receive the cross-bar J, f f being lugs through which are passed the screw-bolts E E.

J is a strip of iron or other suitable material, resting in the grooves on the upper surfaces of the sockets D D, and provided with holes, through which are passed the screw-bolts E E, as represented in the drawings, and for the objects specified above in setting forth the nature of my invention.

g g are lugs extending from the sides of the frame A A, as shown in the drawings, through which the screw-bolts E E are passed, and against the under sides of which the rubber springs F F are pressed by the heads K K of said bolts.

G G are thumb-screws, by means of which more or less of pressure may be given to the clothes which are passed between the rollers B and C.

d d are curved flanges projecting inward at right angles from the side pieces, to serve as caps and guards to the ends of the rollers.

The operation of my invention, being similar to that of other wringing-machines in general use, needs no further description.

Having thus described the nature of my invention, what I claim as new, and desire to secure by Letters Patent, as an improvement on the clothes-wringer patented by Sylvanus Walker, June 17, 1862, is—

The employment of the cross-slat J, in combination with the detached grooved sockets D D and screw-bolts E E, substantially as set forth, and for the purpose described.

S. S. HEMENWAY.

Witnesses:

N. AMES,

C. W. ELDRIDGE.