

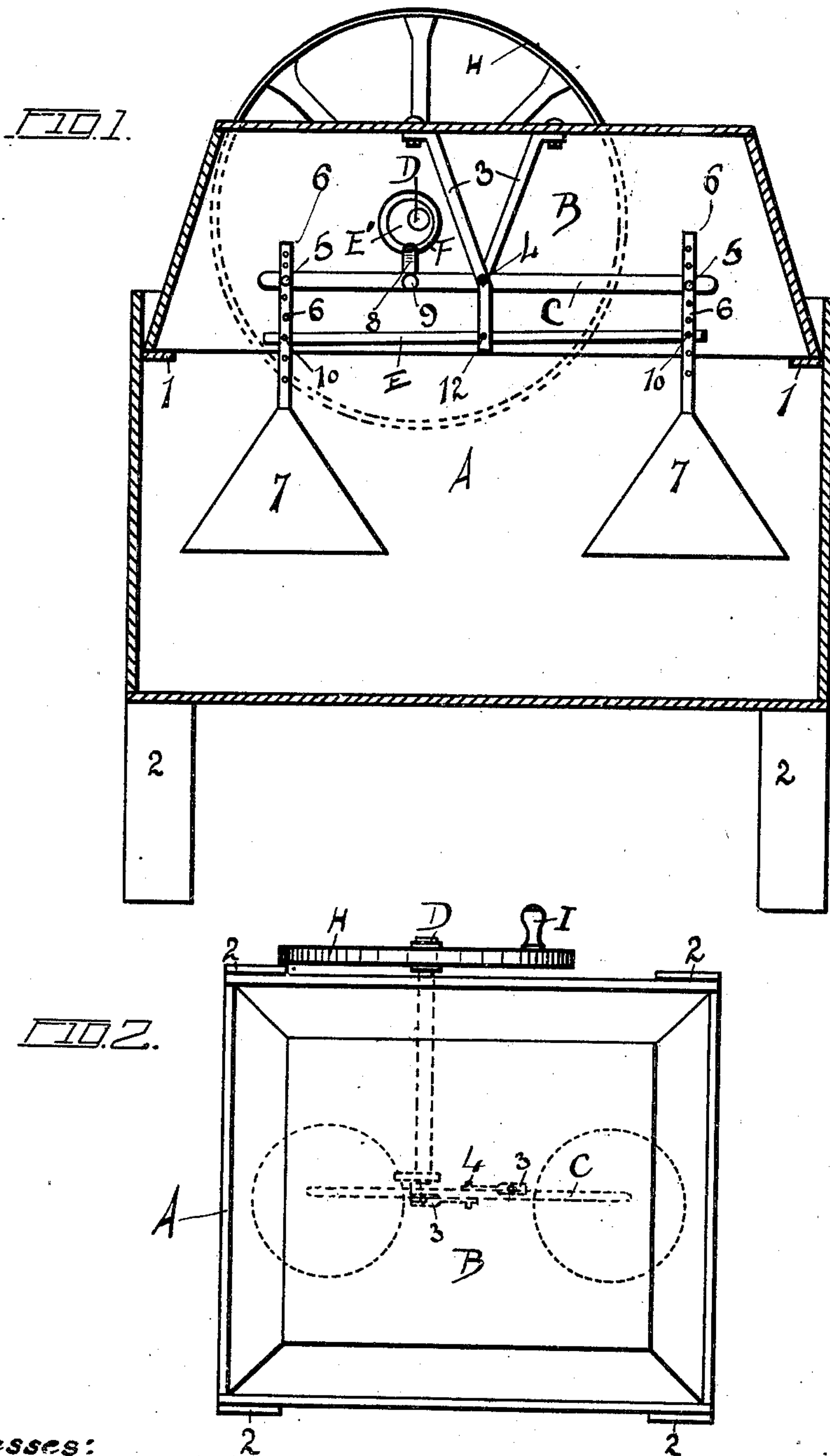
No. 713,654.

Patented Nov. 18, 1902.

B. W. KYLE & C. GRAHAM.
WASHING MACHINE.

(Application filed Mar. 13, 1902.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

BARTON W. KYLE AND CARGILL GRAHAM, OF TARKIO, MISSOURI.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 713,654, dated November 18, 1902.

Application filed March 13, 1902. Serial No. 98,022. (No model.)

To all whom it may concern:

Be it known that we, BARTON W. KYLE and CARGILL GRAHAM, residing at Tarkio, in the county of Atchison and State of Missouri, have invented certain useful Improvements in Washing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the invention, such as it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a new and useful improvement in washing-machines.

The object of our invention is to provide a washing-machine which shall be simple of construction and readily operated.

In the accompanying drawings we have shown in Figure 1 a central sectional view of a washing-machine embodying our invention. Fig. 2 shows a top view thereof.

Our invention embodies, essentially, a tub or receptacle A, which is provided interiorly and upon opposite ends with the inwardly-extending brackets 1 1 and provided upon the sides and near the ends with the supporting-standards 2 2, as shown in Fig. 1. Neatly fitting into this tub A is the rectangular cover B, which is provided with a depending hanger or bracket 3, which near its lower end is provided with the pins 4 and 12, adapted to support the rock-bars C and E, as shown. Secured to the ends of these two rock-bars C and E are the perforated vertical rods 6 6, provided at the lower ends with the clothes-pounders 7, in the form of funnels, preferably made of sheet metal. These rods 6 are perforated, so as to receive the pins 5 and 10, so that these rods may be adjustably secured to the rock-bars C and E.

Secured to the cover B and held within a suitable bearing is the operating-shaft D, which is provided with the fly-wheel H and

operating-handle I, as shown in Fig. 2. This shaft D extends into the cover B a suitable distance and is provided with the eccentric disk E', encompassed by the strap F, from which extends the rod 8, the horizontal portion 9 of which is secured to the rock-bar C, as shown.

Now in working this machine the operator after the clothes and water have been placed into the receptacle revolves the wheel H, having previously given the clothes-pounders 7 proper adjustment. In operating the shaft D the bars C and E are rocked to alternately drive the pounders into the water and upon the fabrics to be cleaned. By means of the eccentric the operation requires but little power, and the device is simple of construction.

Having thus described our invention, what we claim as new, and desire to secure by United States Letters Patent, is—

The combination with a suitable rectangular tub provided with two inwardly-extending brackets, of a cover adapted to rest upon said brackets, a depending hanger secured to said cover, two parallel pivotally-supported rock-bars secured to said hanger, a pin extending from the end of each of said rock-bars, perforated rods adjustably secured to said pins, a clothes-pounder secured to each of said rods, a drive-shaft mounted in the aforesaid cover, an eccentric secured to the inner end of said drive-shaft, a rod connecting said eccentric with one end of said upper rock-bar, and means for operating said shaft, all arranged as shown.

Signed in the presence of two witnesses.

BARTON W. KYLE.
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Witnesses:

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