

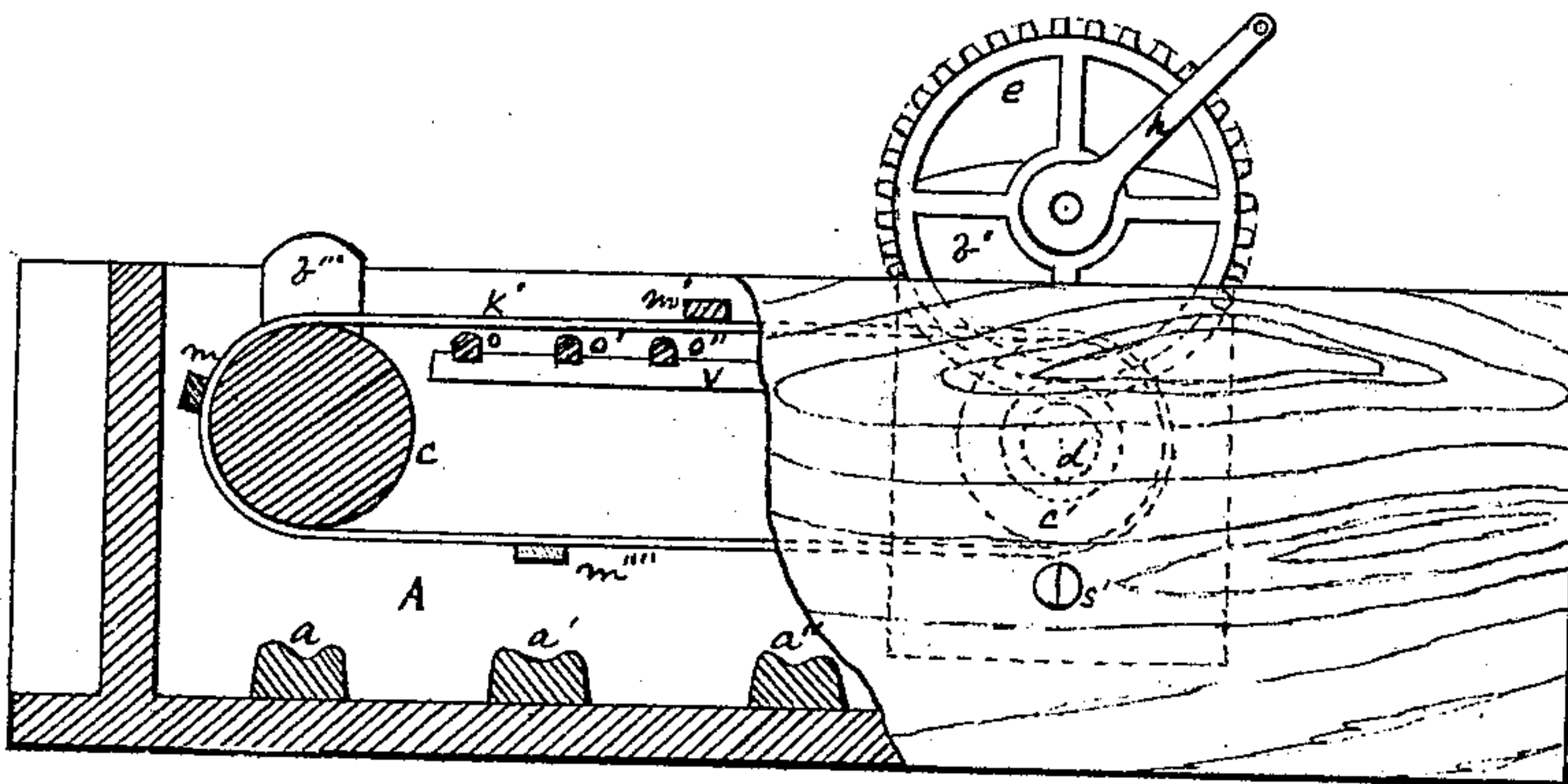
*J. B. Padon,*

*Washing Machine.*

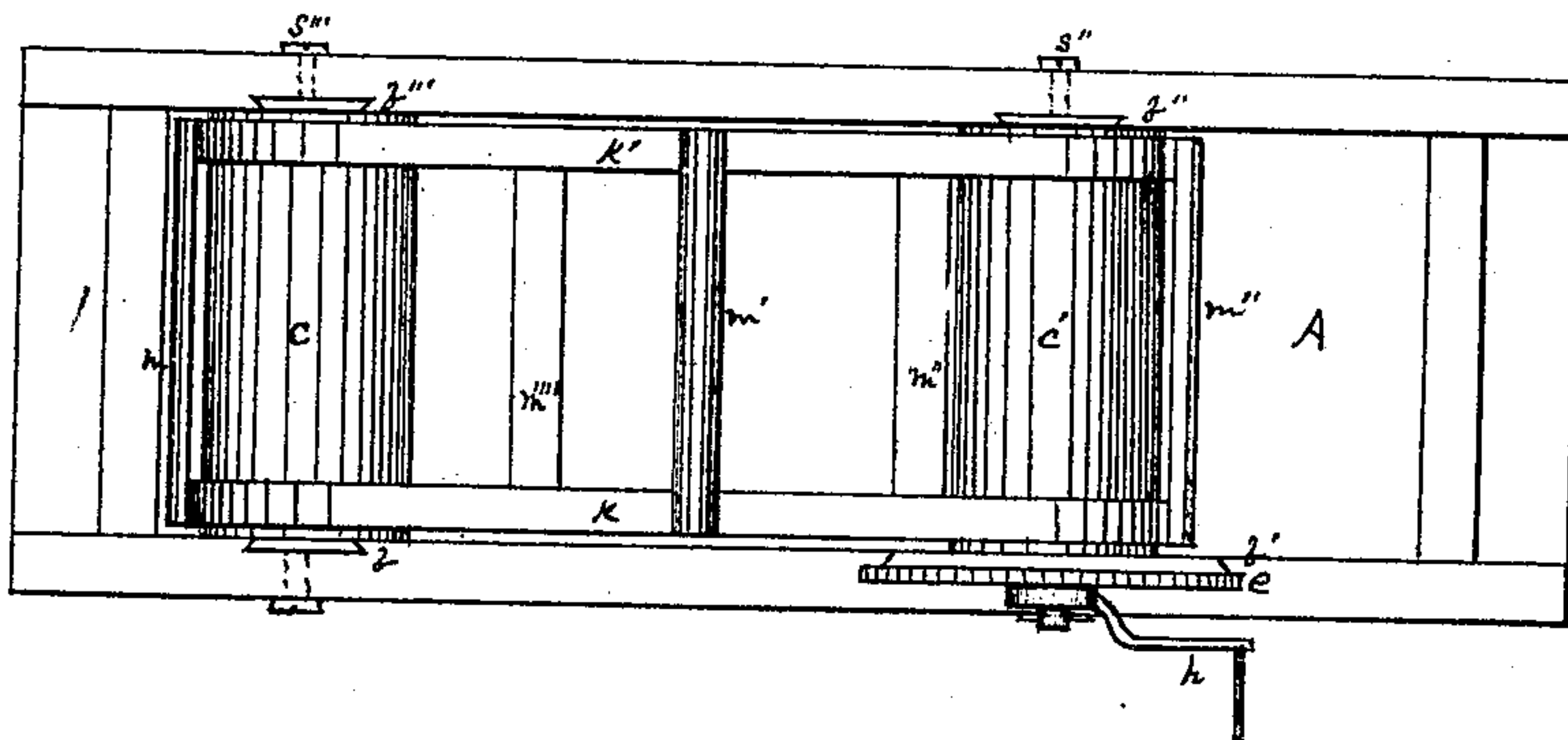
*No. 103491.*

*Patented May 24, 1870.*

*Fig. 1.*



*Fig. 2.*



*Witnesses.*  
*John Dailey*  
*Lewis Myers*

*Inventor*  
*Jm. B. Padon by*  
*Sam'l. S. Boyd*  
*Atty*

# United States Patent Office.

JOHN B. PADON, OF TROY, ILLINOIS.

Letters Patent No. 103,491, dated May 24, 1870.

## IMPROVED WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern :

Be it known that I, JOHN B. PADON, of Troy, Madison county, State of Illinois, have invented a new and useful Improved Washing-Machine, of which the following is a full, clear, and exact description, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 represents a side elevation of my invention, with a portion in section.

Figure 2 represents a top view of same.

Similar letters indicate like parts.

It consists of a trough or box, A, figs. 1 2, having in its bottom a series of corrugations, *a a'*, fig. 1, extending from one end to the other; four plates *b b' b'' b'''*, fig. 2, *b' b''*, fig. 1, made to slide in grooves in the sides of the trough, form bearings for two rollers *c c'*, figs. 1 2, the latter having on one end a pinion, *d*, fig. 1, which gears with a spur, *e*, figs. 1 2, likewise having a bearing in *c'*.

This spur is actuated by a crank, *h*, figs. 1 2.

Around these rollers are two bands *k k'*, fig. 2, *k*, fig. 1, attached to which are transverse bars *m m'*, &c., figs. 1 2.

Between the rollers and under the bands is arranged another set of transverse bars, *o o' o''*, fig. 1, resting on longitudinal strips attached to the sides of the trough, one being seen at *v*, fig. 1.

The plates *b b' b'' b'''* may be adjusted in their grooves

by the set-screws *s s' s'' s'''*, *s'* being shown in fig. 1, and the others in fig. 2, and, by this arrangement, the distance between the bands and the corrugations, both upper and lower, may be regulated at pleasure.

Water having been poured into the box, the articles to be washed are merely thrown on the bands, which, being set in motion by the crank, carry them with them, rubbing them on both the upper and lower corrugations till thoroughly cleansed.

This apparatus combines, as is evident, a gentle and sufficient rubbing of the clothes with a most thorough rinsing at each revolution of the carrier-band. The bands will, preferably, be made of rubber, and the drums of any material which will not injure the article to be washed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The trough A, corrugations *a a'*, *o o'*, drums *c c'* with their bands and transverse bars, the drums being adjustable, as described, and set in motion by the crank *h* and connecting gearing, all arranged, constructed, and operating as and for the purpose shown and specified.

JOHN B. PADON.

Witnesses:

JAS. A. HENDERSON,  
GEORGE LAWSON.