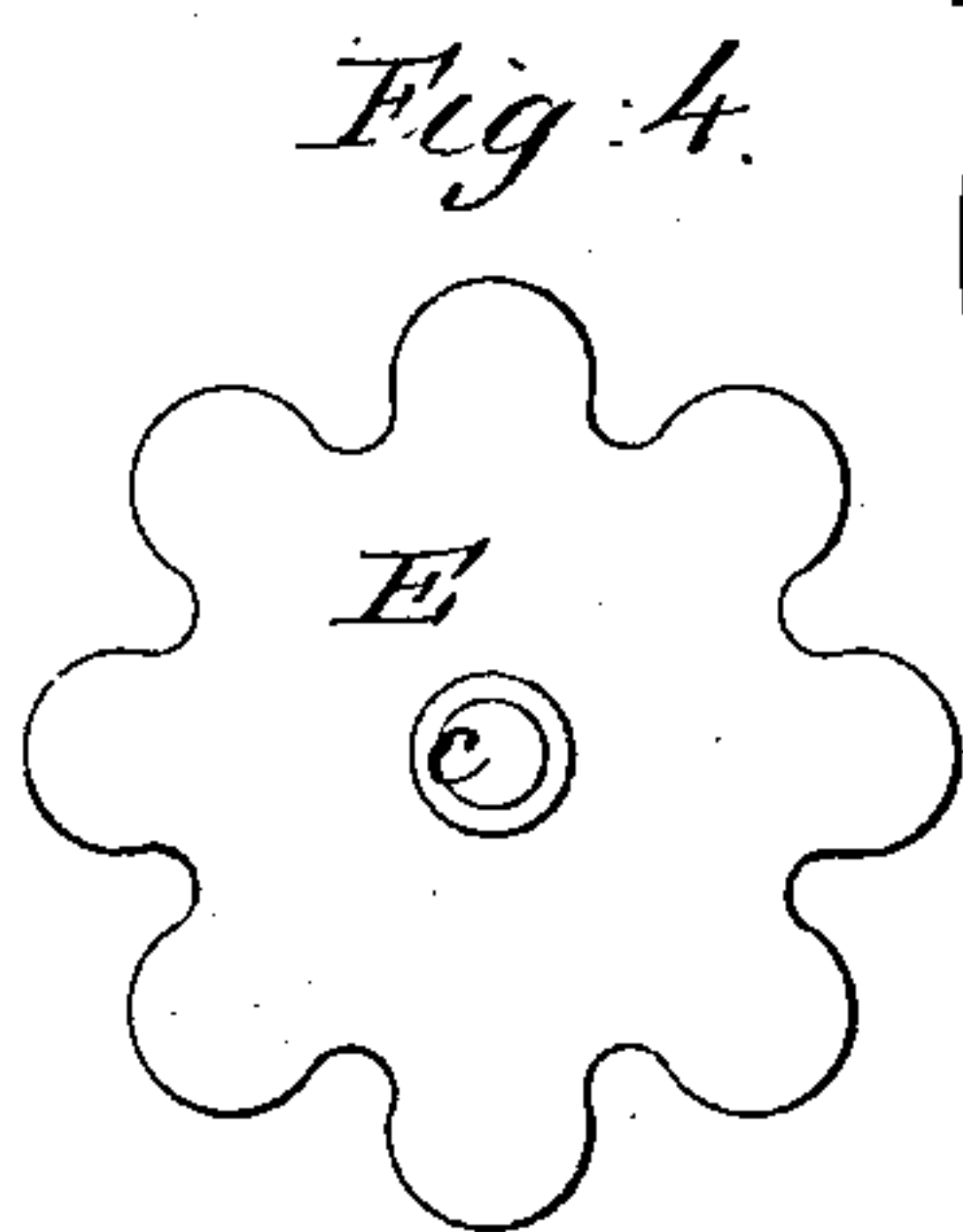
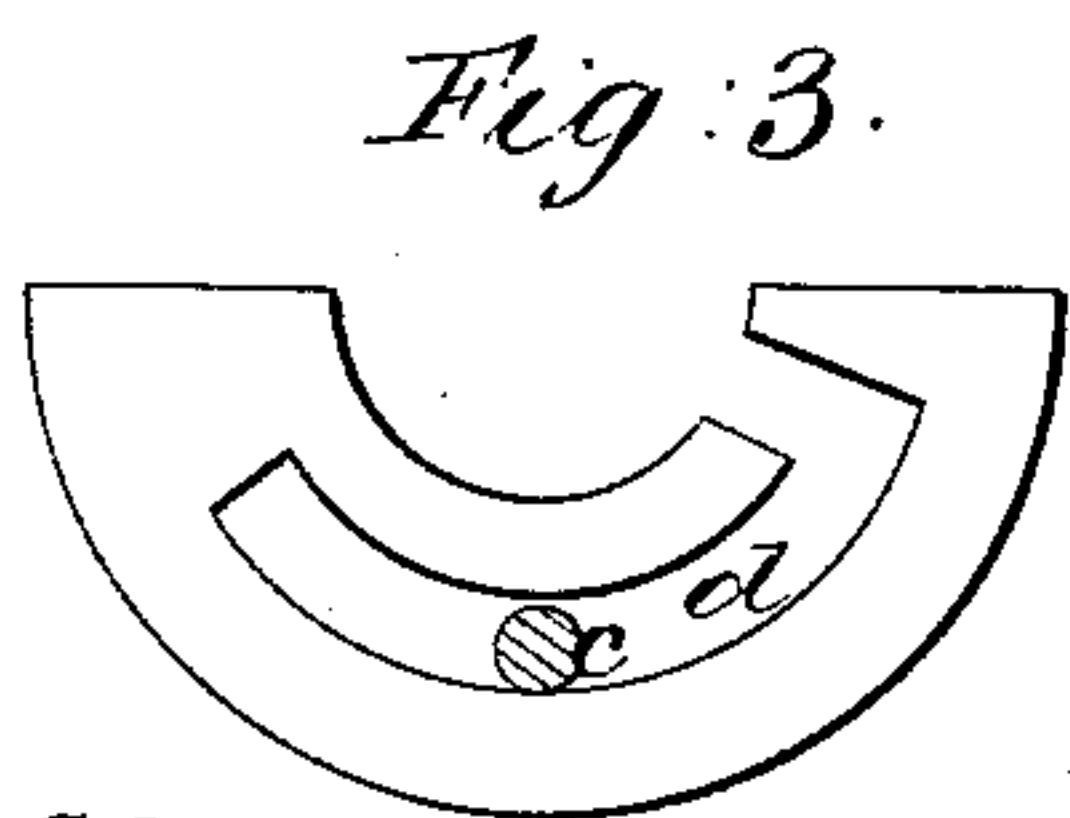
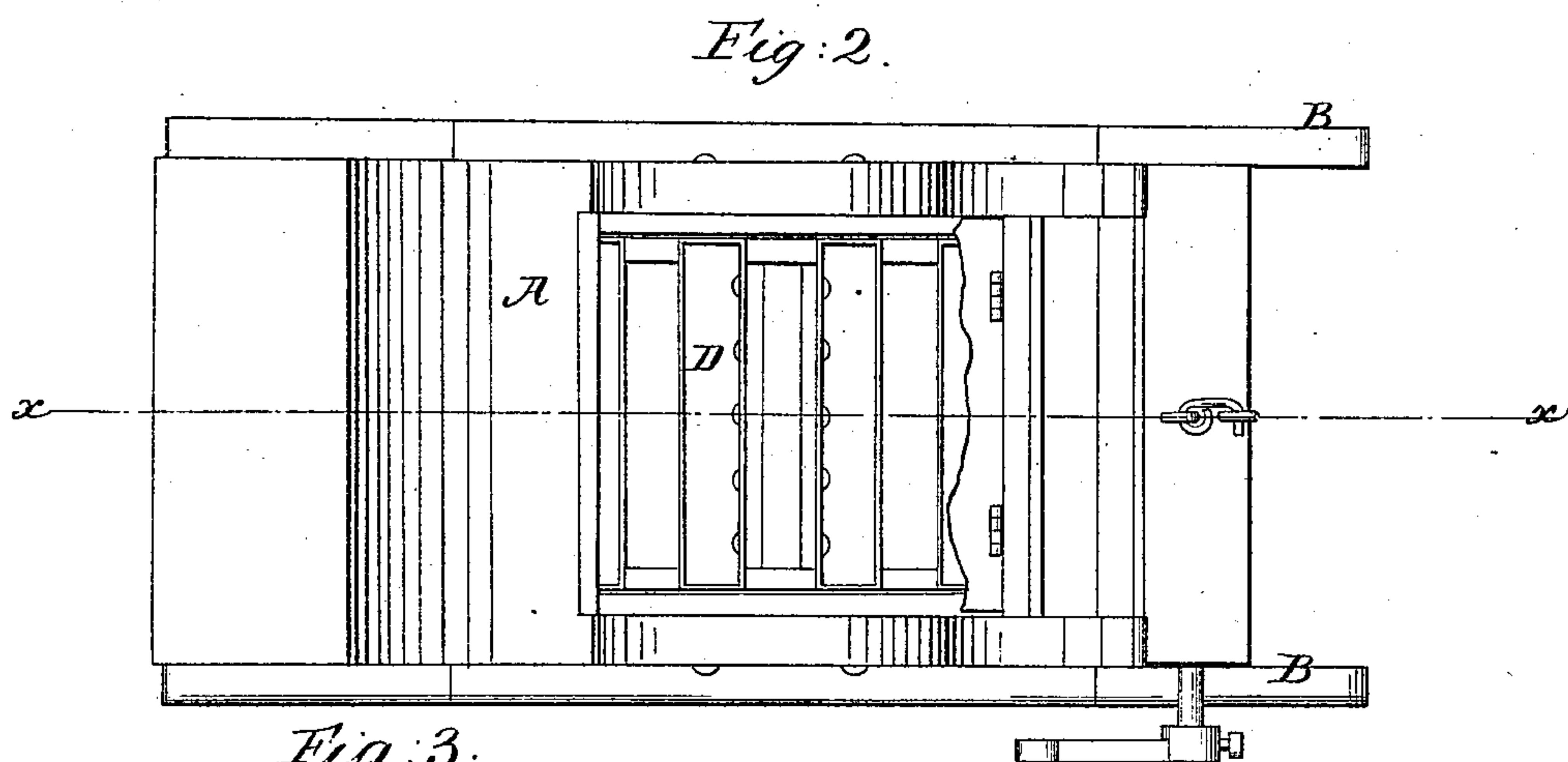
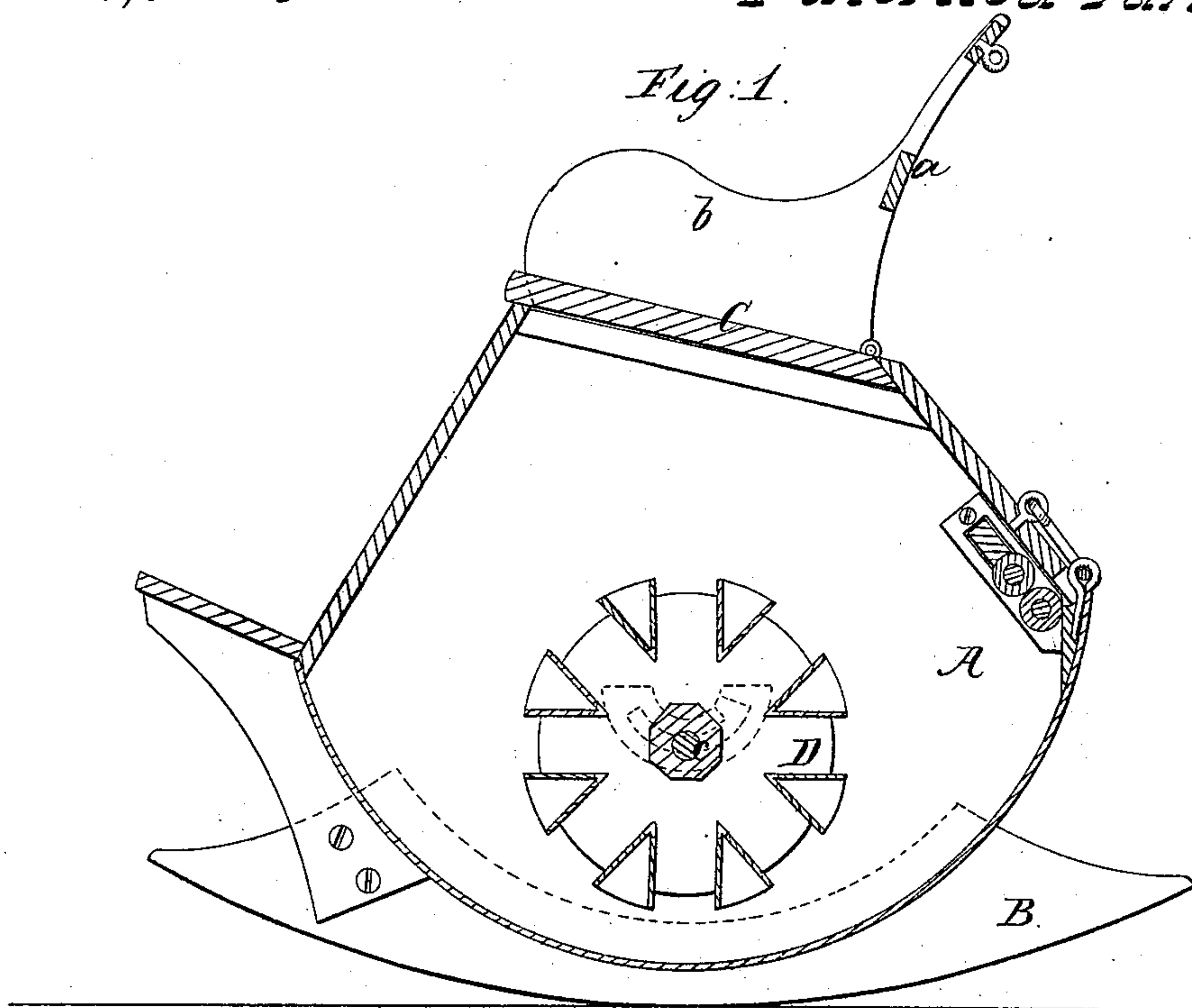


*E. Chynman,*  
*Washing Machine,*  
*N<sup>o</sup> 41,194. Patented Jan. 12, 1864*



*Witnesses;*  
*D. Robertson.*  
*M. M. Livingston.*

*Inventor;*  
*Edgar Chynman*

# UNITED STATES PATENT OFFICE.

EDGAR CHIPMAN, OF NEW YORK, N. Y.

## IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 41,194, dated January 12, 1864.

*To all whom it may concern:*

Be it known that I, EDGAR CHIPMAN, of the city, county, and State of New York, have invented certain new and useful Improvements in Clothes-Washing Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side sectional view of my invention, taken in the line *xx*, Fig. 2; Fig. 2, a plan or top view of the same, partly in section; Fig. 3, a side view of one of the bearings of the rotary pressure-roller; Fig. 4, an end view of the pressure-roller.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a certain improvement in that class of washing-machines which are arranged to rock or oscillate back and forth, and which are provided with a rotary pressure-roller.

The invention consists, first, in combining a seat with the body or box of the washing-machine in such a manner that a person while on the seat may, by a very slight exertion or effort—such as is required in rocking a chair—impart a rocking movement to the machine and operate the same with the greatest facility.

The invention consists, second, in a peculiar manner of hanging the rotary pressure-roller within the box of the machine, whereby the pressure-roller is allowed an independent self-adjusting movement to yield or give to the clothes and prevent the wedging or binding of the same underneath the pressure-roller.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents the box of the washing-machine, which has a segment-shaped or semi-

circular bottom, and has rockers B attached to it. On the top of this box A there is a seat, C, which may be provided with a back, *a*, and arms *b*, like those of an ordinary chair or settee. This seat C is sufficiently high to form, when the operator is seated upon it, a counterpoise for the machine, and admit of the latter by a very slight exertion on the part of the occupant of the seat—such, for instance, as is required in rocking a chair—to work or rock back and forth and perform the required work with comparatively no labor, it being simply an agreeable recreation.

E, Fig. 4, is a pressure-roller which is used with the washing-machine. This roller is placed within the box A, and its shaft *c* has its ends fitted in curved or segment grooves *d* at the inner sides of the box A. These curved or segment grooves *d* admit of the roller having a self-adjusting movement forward and backward in an upward direction as the machine is operated, and by this means said parts are allowed to relieve themselves in case of the clothes having a tendency to wedge underneath them.

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

1. The combination of the seat C with the rocking box A of a washing-machine arranged substantially as shown, to admit of the rocking or oscillating of the box by a slight exertion of the occupant of the seat, as set forth.

2. The hanging of the pressure-roller within curved or segment grooves or bearings *d* in the box A, substantially as shown, to admit of the self-adjusting relieving movement of said roller, as herein set forth.

EDGAR CHIPMAN.

Witnesses:

D. ROBERTSON,

M. M. LIVINGSTON.