

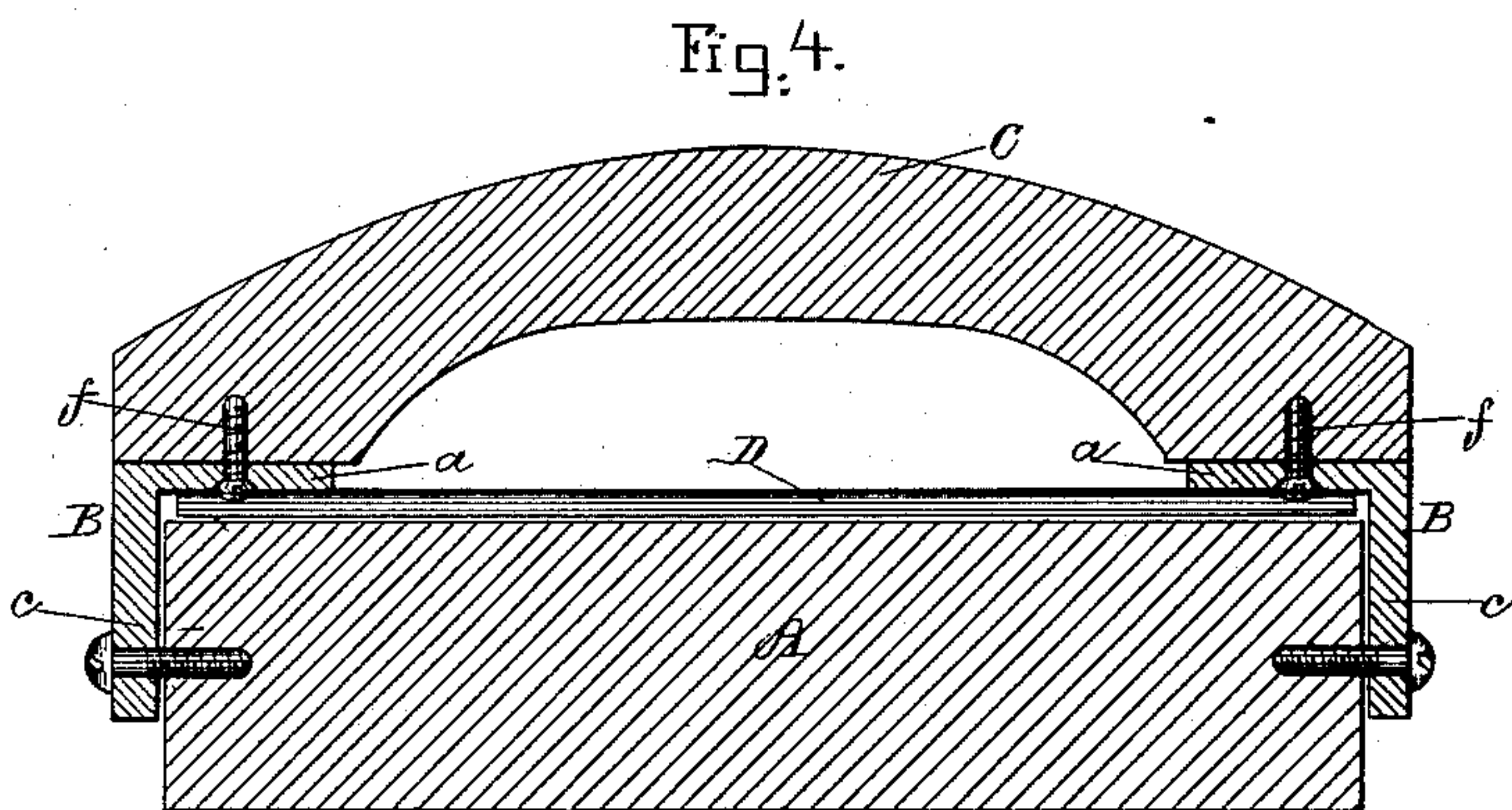
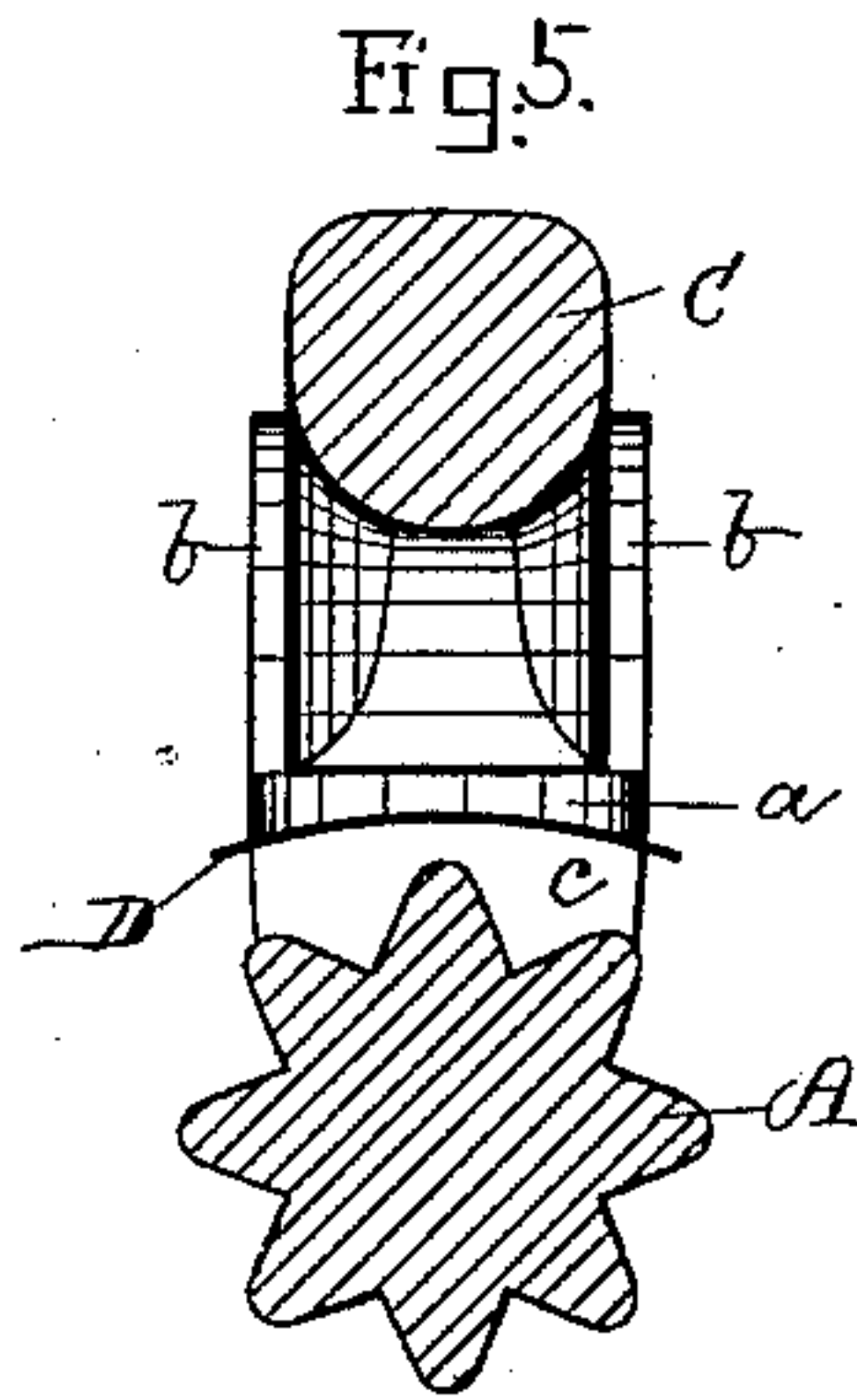
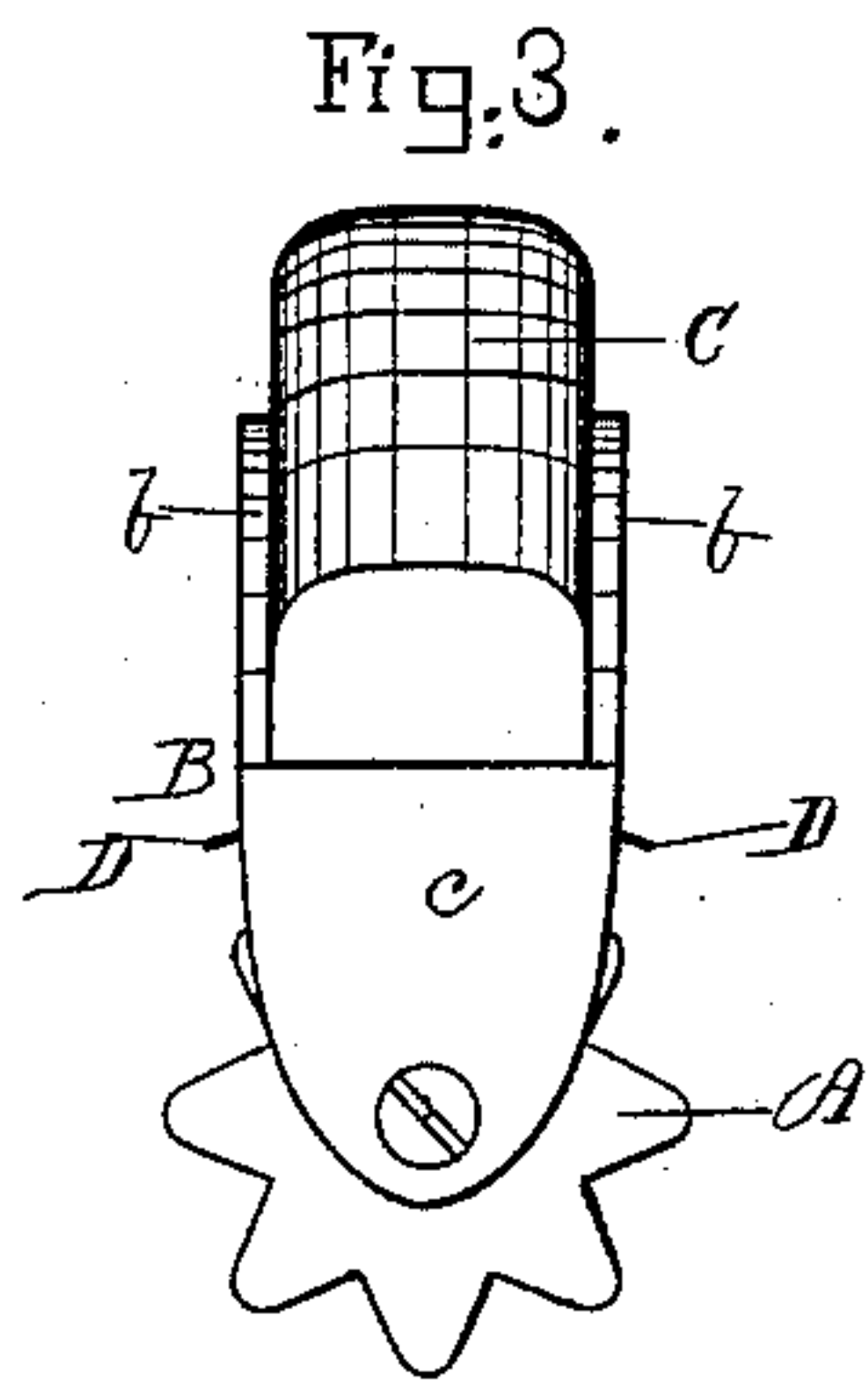
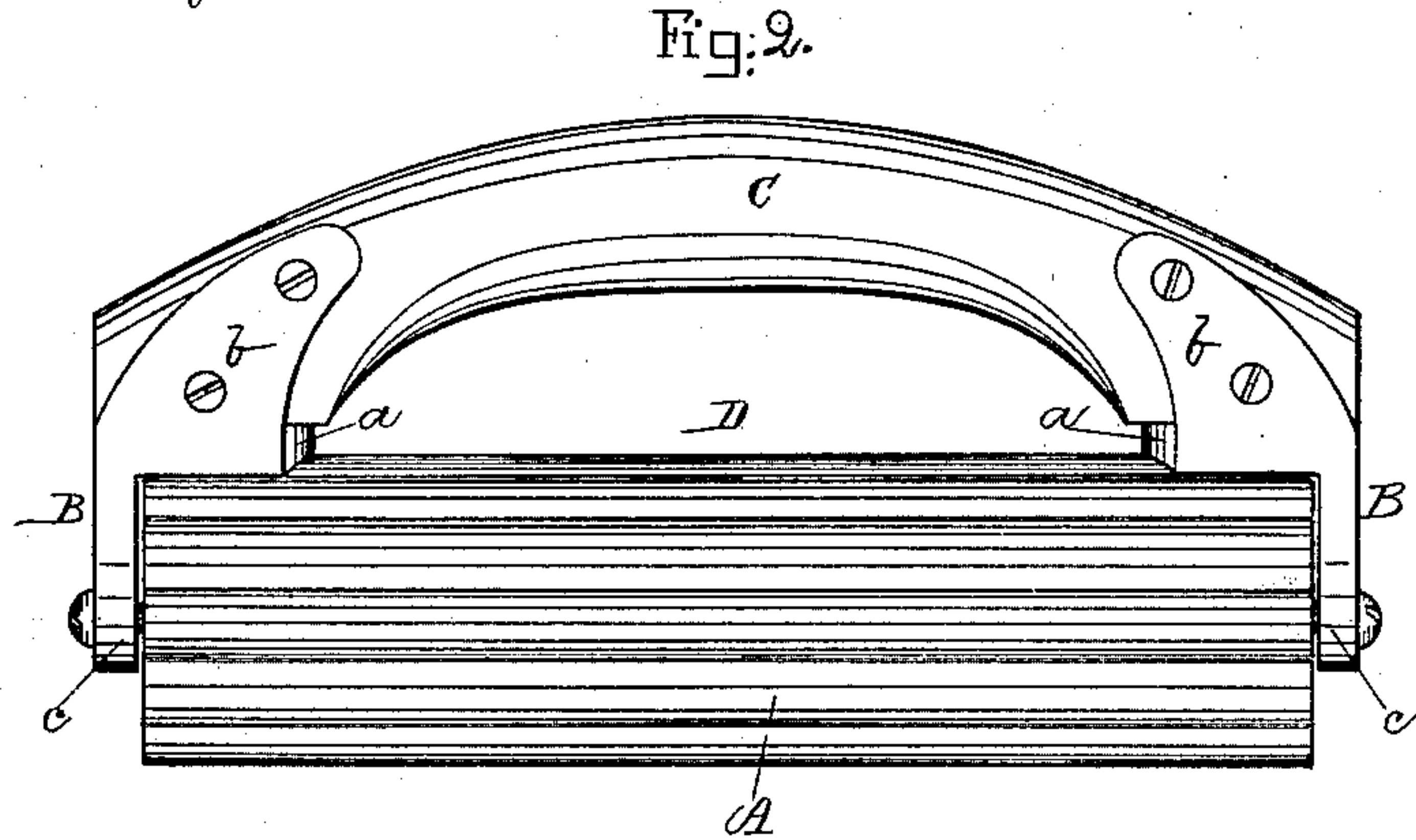
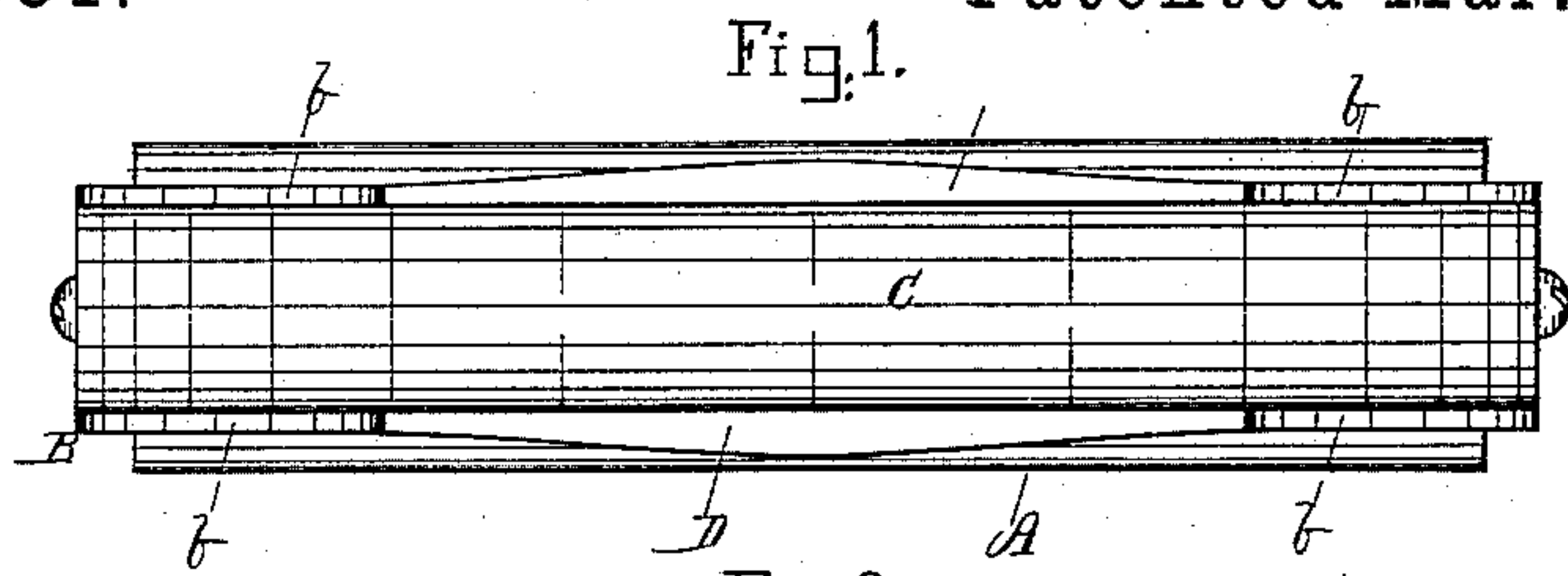
(No Model.)

J. H. ANTHOINE & F. H. THORNDIKE.

MACHINE FOR WASHING CLOTHES, &c.

No. 338,331.

Patented Mar. 23, 1886.



Witnesses

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Inventors

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UNITED STATES PATENT OFFICE.

JOSEPH HENRY ANTHOINE AND FRANK HERBERT THORNDIKE, OF WAKEFIELD, MASSACHUSETTS.

MACHINE FOR WASHING CLOTHES, &c.

SPECIFICATION forming part of Letters Patent No. 338,331, dated March 23, 1886.

Application filed September 19, 1885. Serial No. 177,527. (No model.)

To all whom it may concern:

Be it known that we, JOSEPH HENRY ANTHOINE and FRANK HERBERT THORNDIKE, of Wakefield, in the county of Middlesex, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Machines for Washing Clothes, &c.; and we do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a front elevation, Fig. 3 an end view, Fig. 4 a longitudinal section, and Fig. 5 a transverse and median section, of a machine of our invention, the nature of which is defined in the claim hereinafter presented.

It is to be worked by the hand or hands of a person grasping its handle, the fluted roller being at the time pressed into contact with and rolled back and forth over the article to be washed, such article at the time being supported on a wash-board.

In the drawings, A denotes a roller fluted lengthwise, and pivoted at its two ends to two metallic brackets, B B, each of which is composed of a base-plate, *a*, two flat ears, *b b*, extending upward, and another ear, *c*, projecting downward from it. The two ears *b b* are parallel to each other and extend from opposite edges of the plate or base. The ear *c* is at a right angle to the plate *a*, and also with each of the ears *b*.

Between the pairs of ears *b* of the two brackets, and fastened to them by headed screws, is an arched handle, C, the said screws going through the ears and being screwed into the handle. Furthermore, there is over the fluted

roller, and between it and the brackets, and fastened to each of the latter by screws *f*, a guard-plate, D, to prevent the hand, when hold of the handle, from contact with the fluted roller.

The described machine can be used to great advantage in washing clothes or goods when resting on a wash-board extending within a tub.

We do not claim washing-machines constructed as represented in the United States Patents Nos. 144,118 and 43,279, as in neither of them is the handle fixed to brackets extending underneath it and up against opposite sides of it, and also down across the ends of the guard and roller, as in our washing-machine.

The brackets of our washing-machine afford a very firm support to the handle and guard, and co-operate with the latter to great advantage in sustaining the roller and handle under lateral and longitudinal strains when the machine is in use.

We claim—

In the described washing-machine, the combination, with the handle, guard, and fluted roller, of the two brackets extending between the guard and handle, and up the opposite sides of the latter, and down across the ends of the guard and roller, and connected to the said handle, guard, and roller by screws, all being substantially as represented.

JOSEPH HENRY ANTHOINE.
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Witnesses:

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