

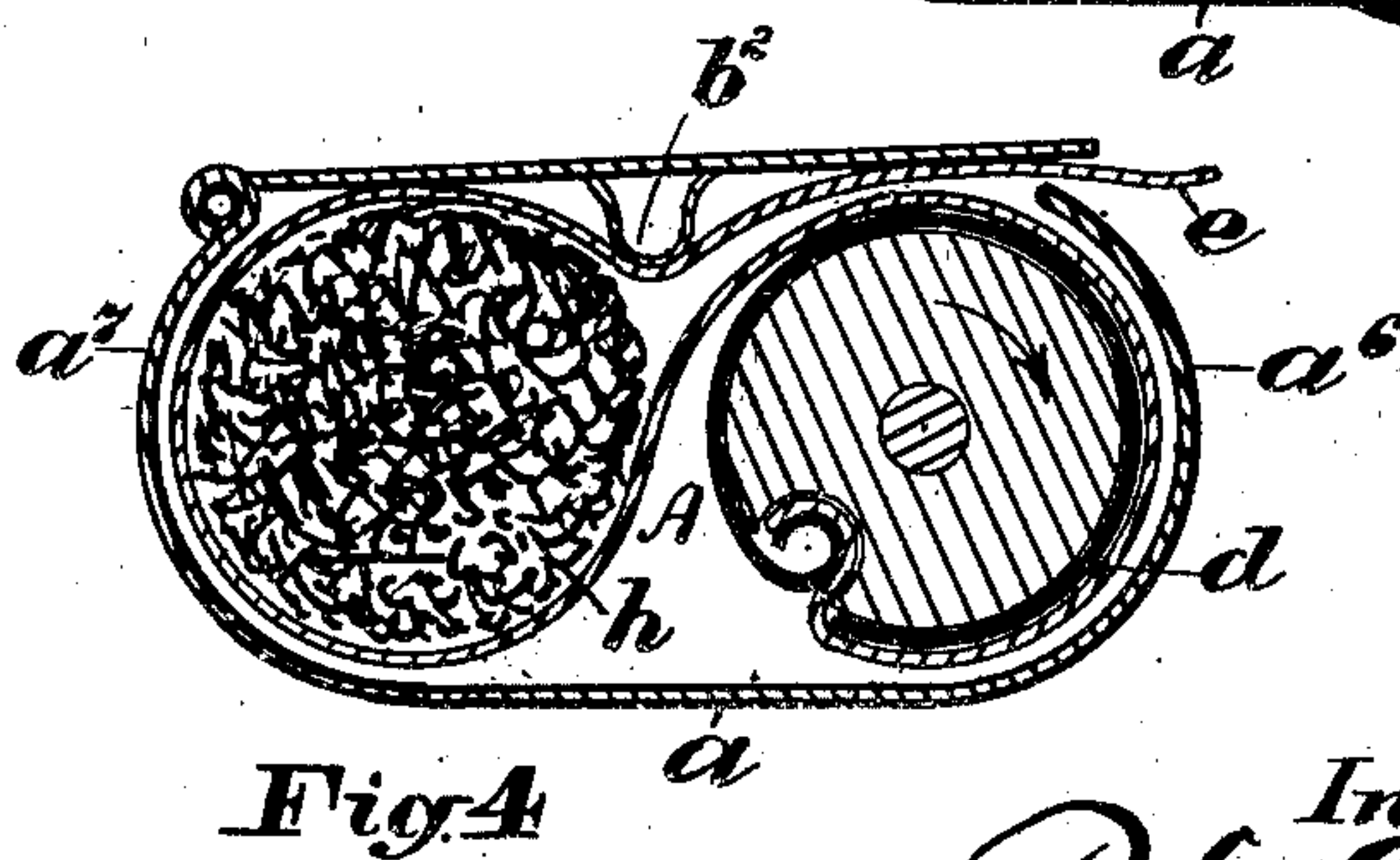
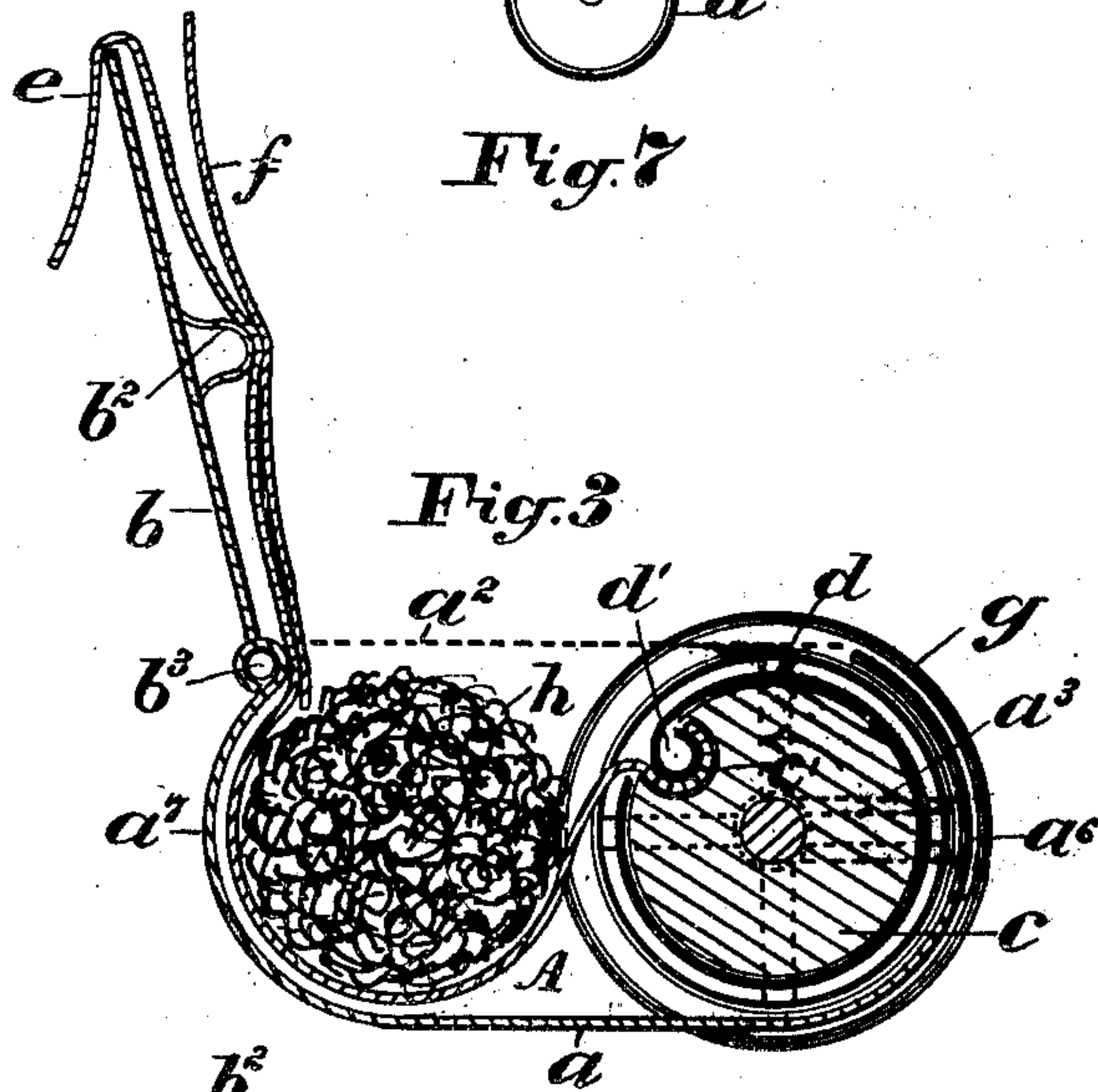
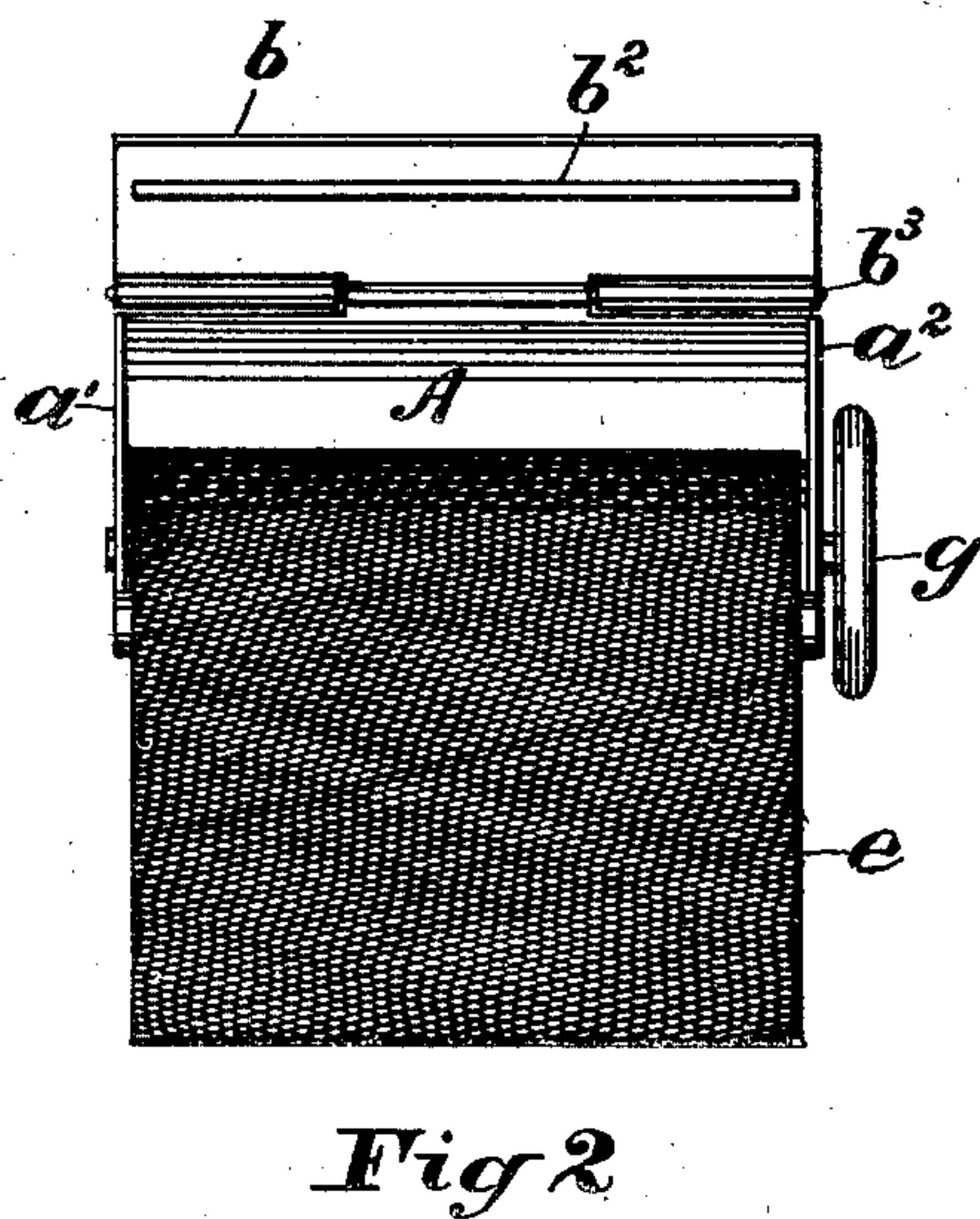
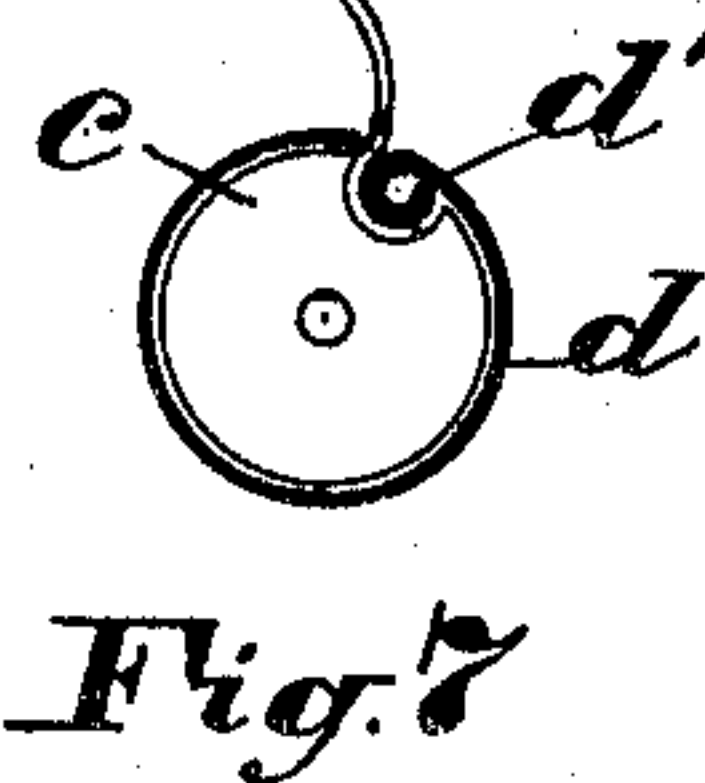
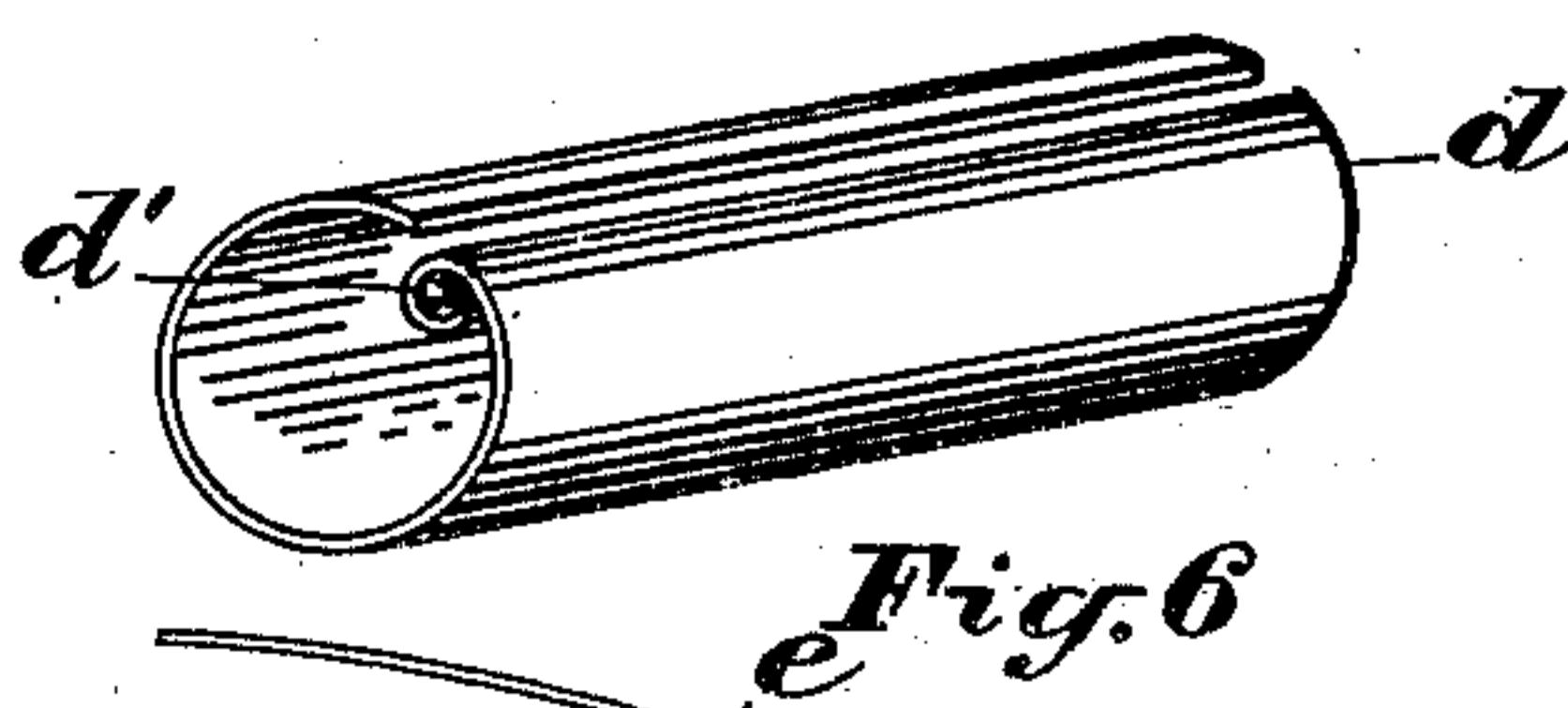
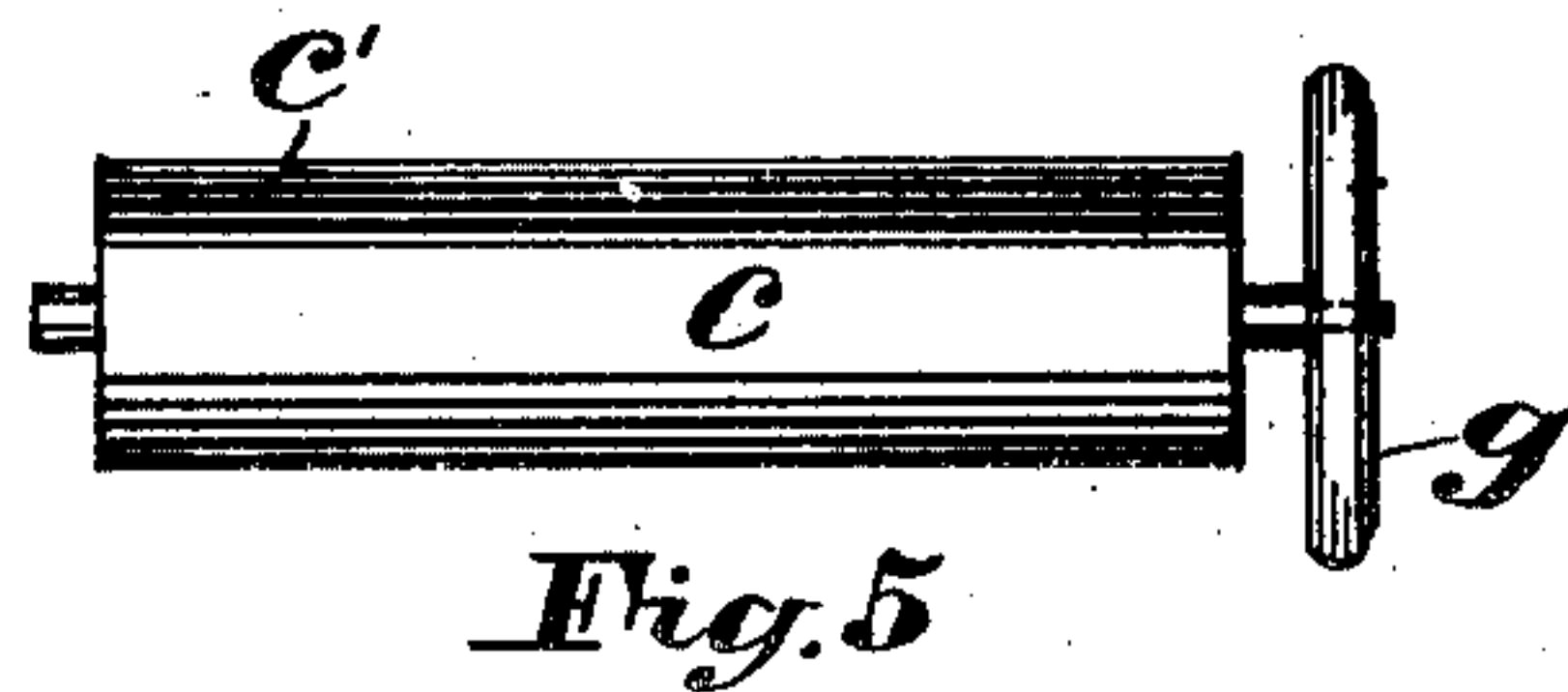
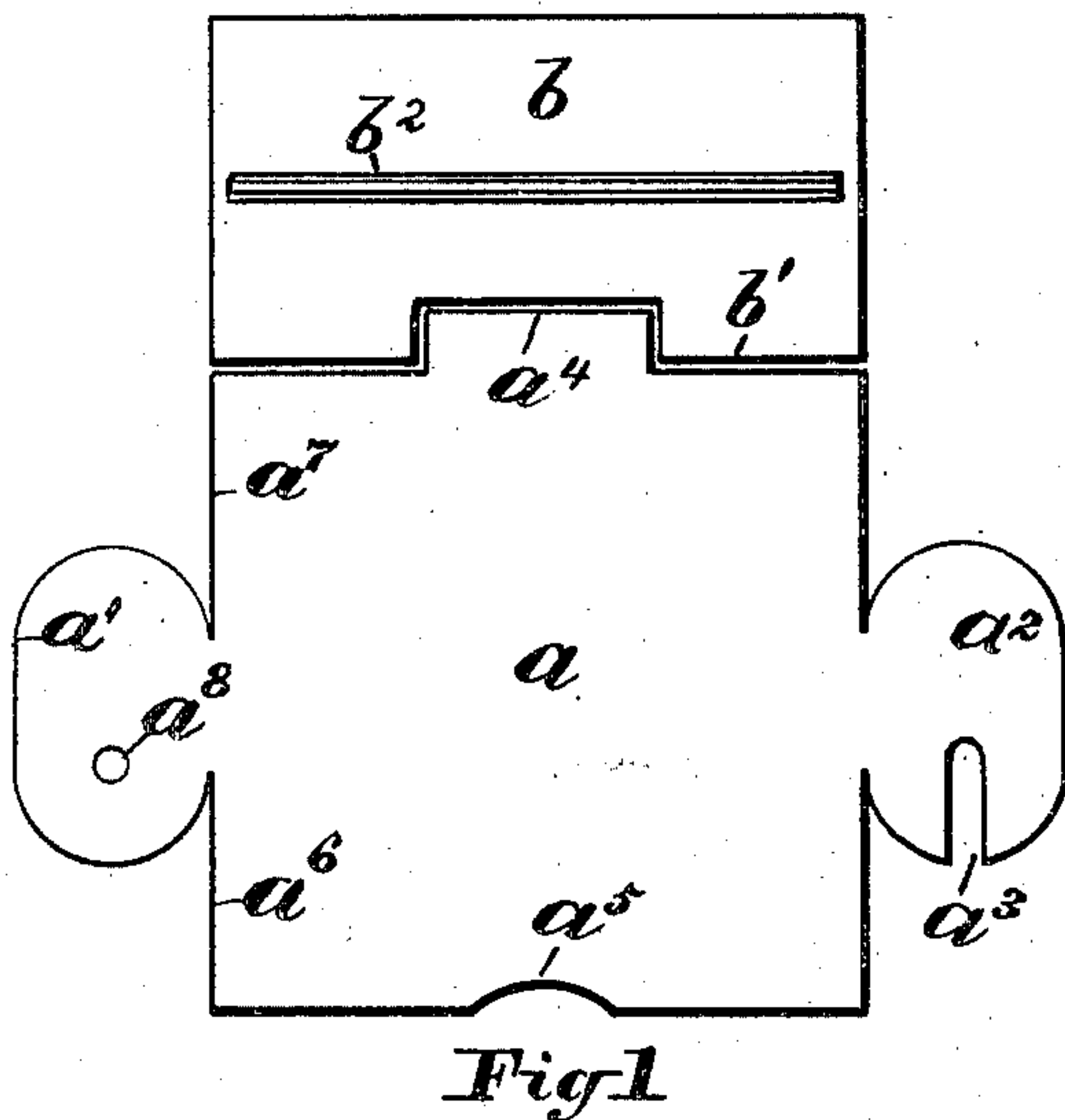
No. 630,103.

Patented Aug. 1, 1899.

P. C. PETERSEN.
CIGARETTE MAKING MACHINE.

(Application filed Aug. 2, 1897.)

(No Model.)



Witnesses;
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UNITED STATES PATENT OFFICE.

PETER C. PETERSEN, OF CHICAGO, ILLINOIS.

CIGARETTE-MAKING MACHINE.

SPECIFICATION forming part of Letters Patent No. 630,103, dated August 1, 1899.

Application filed August 2, 1897. Serial No. 646,727. (No model.)

To all whom it may concern:

Be it known that I, PETER C. PETERSEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cigarette-Making Machines, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part thereof, and in which—

Figure 1 shows the construction of my said new device in plan as cut out of sheet metal ready for shaping the box. Fig. 2 shows the structure completed ready for work. Fig. 3 shows a transverse section of my said device in open position and filled with tobacco in form for rolling into the wrapper. The lid of the box is open. Fig. 4 shows another transverse section of my said device in closed position for rolling the tobacco before applying the wrapper. Fig. 5 shows the roller or cylinder with its hand-wheel in longitudinal side elevation. Fig. 6 shows in perspective a sheet-metal casing for the cylinder. Fig. 7 shows an end view of the cylinder, casing, and apron.

The object of my invention is to produce a simple pocket mechanism wherewith the smoker can manufacture his cigarette. To attain said desirable end, I construct my said device in substantially the following manner—namely, from suitable sheet metal I cut or stamp the two parts a b , (shown in Fig. 1,) the former being the body part of a case A, containing the necessary mechanism to perform said work, which is composed of several elements which are integral therewith. The parts or elements a' a^2 form the ends of the case, of which one has a hole a^8 to hold one journal of the cylinder c and the other case end has a slot a^3 for the other journal of said cylinder. Said two ends are raised vertically from the bottom plate a , and thus form the ends of said case. The completed cylinder c is then inserted, after which the front a^6 is bent up into place against the edges of the ends a' a^2 , thus holding the cylinder c in place. Next the rear part of the case a^7 is bent up into place against the rear edge of the ends a' a^2 and provided with the hinged cover b , hinged at b^3 , and a rib b^2 is on the inside of

the cover and a short distance back of the cylinder c . There is a notch a^5 in the front of the case for admitting the finger to raise the cover of the case A. A piece of muslin or ducking is attached to the cylinder c by means of a longitudinal groove c' therein, and a sheet-metal shell d , with a bead d' along one of its edges, is passed into said groove and so fitted that said parts will be held together as shown. The rib b^2 forms a part of the lid and extends into the case between the cylinder c and the tobacco h in the case A. In the use of the device the apron e is first drawn out to its full length, as shown in Fig. 2. Then it is laid over the empty case A and depressed into it and filled with tobacco, after which the lid is shut down and the cylinder turned by the hand-wheel g , as indicated in Fig. 4. Said operation forms a finished roll of tobacco h by a turn or two of the hand-wheel, after which the lid is opened and the apron drawn out again and the usual rice-paper covering f applied to the apron, as shown, the cover again closed down, and the wheel g turned until the gummed or edge-moistened paper is completely wrapped around the tobacco and thus the cigarette completed, which can now be removed from the case by raising the lid of the box.

In my said construction the apron is held firmly and without slipping on its cylinder, and the apron may readily be replaced and the cylinder removed and replaced.

What I claim is—

The combination with a longitudinally-grooved cylinder an apron and a sheet-metal beaded shell to surround said cylinder and removably hold said apron, journals at each cylinder end and a hand-wheel on one of said journals, of a case for said cylinder, a hinged lid with a longitudinal rib parallel to and near said cylinder when the lid is closed there being a space between the lid-hinge and cylinder to receive and work cigarette material, substantially as specified.

PETER C. PETERSEN.

Witnesses:

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