

(No Model.)

4 Sheets—Sheet 1.

H. B. POTTER.
TOILET SOAP SERVER.

No. 517,624.

Patented Apr. 3, 1894.

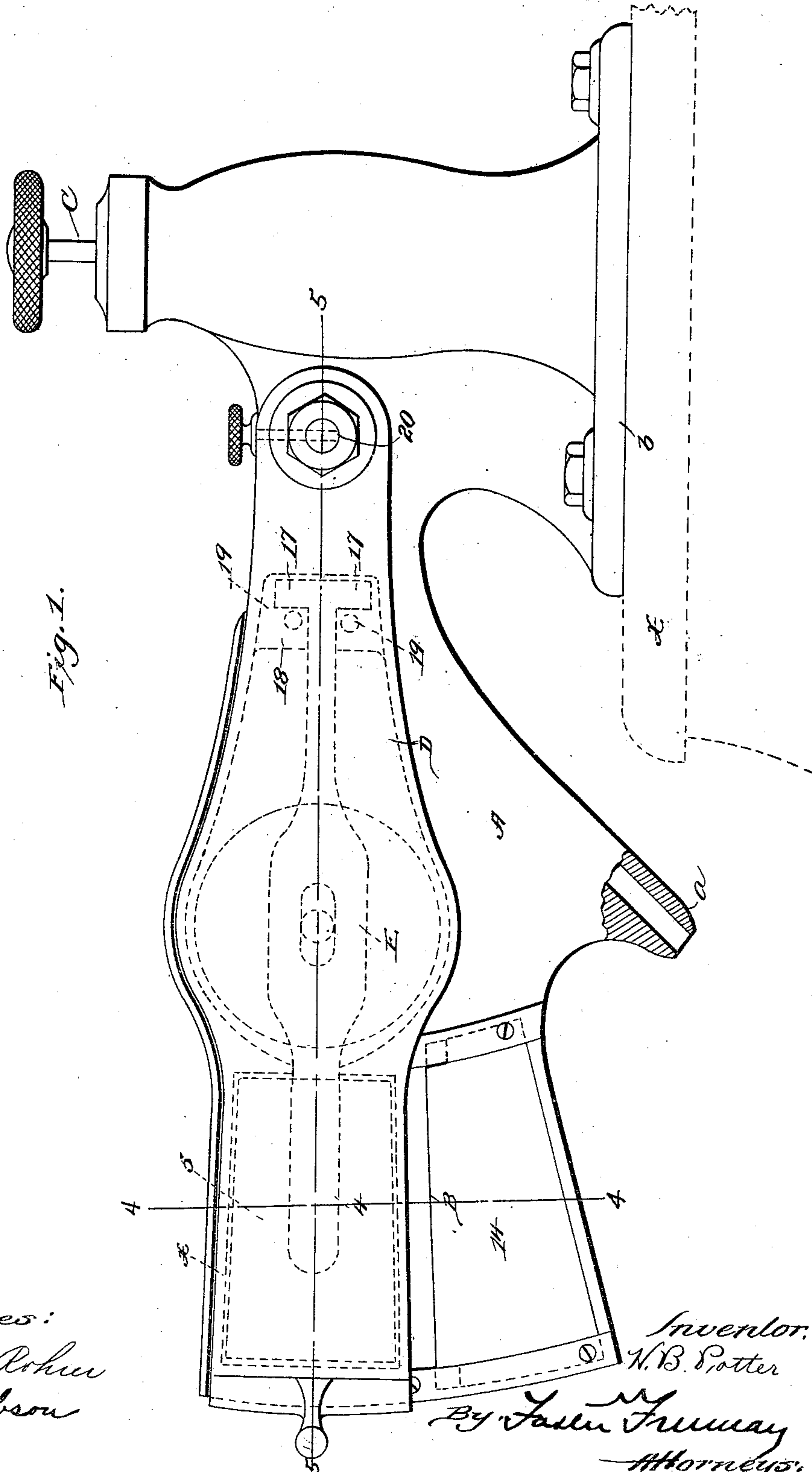


Fig. 1.

Witnesses:
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A. H. Dobson

Inventor:
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By James F. Murray
Attorneys.

(No Model.)

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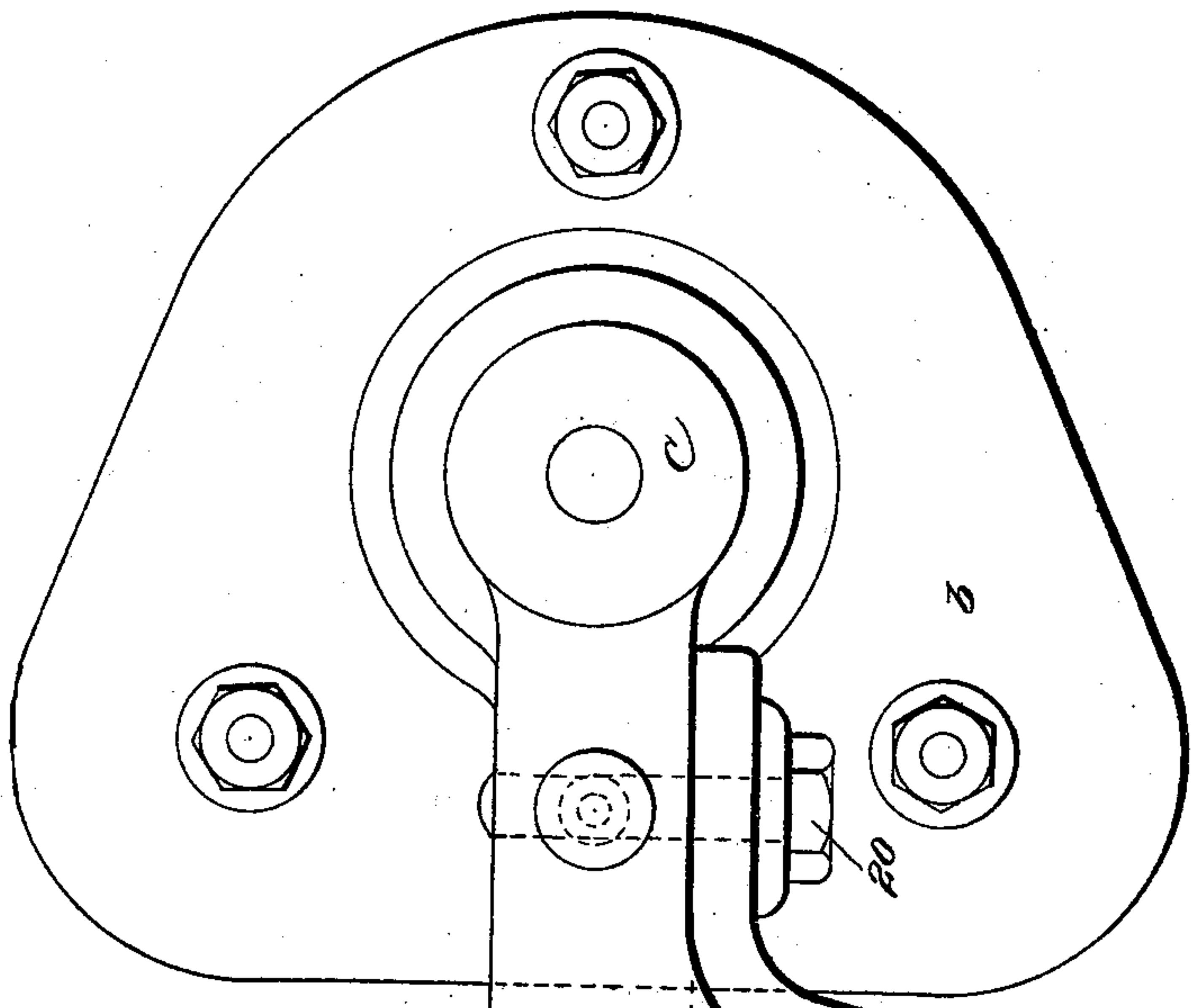


Fig. 2.

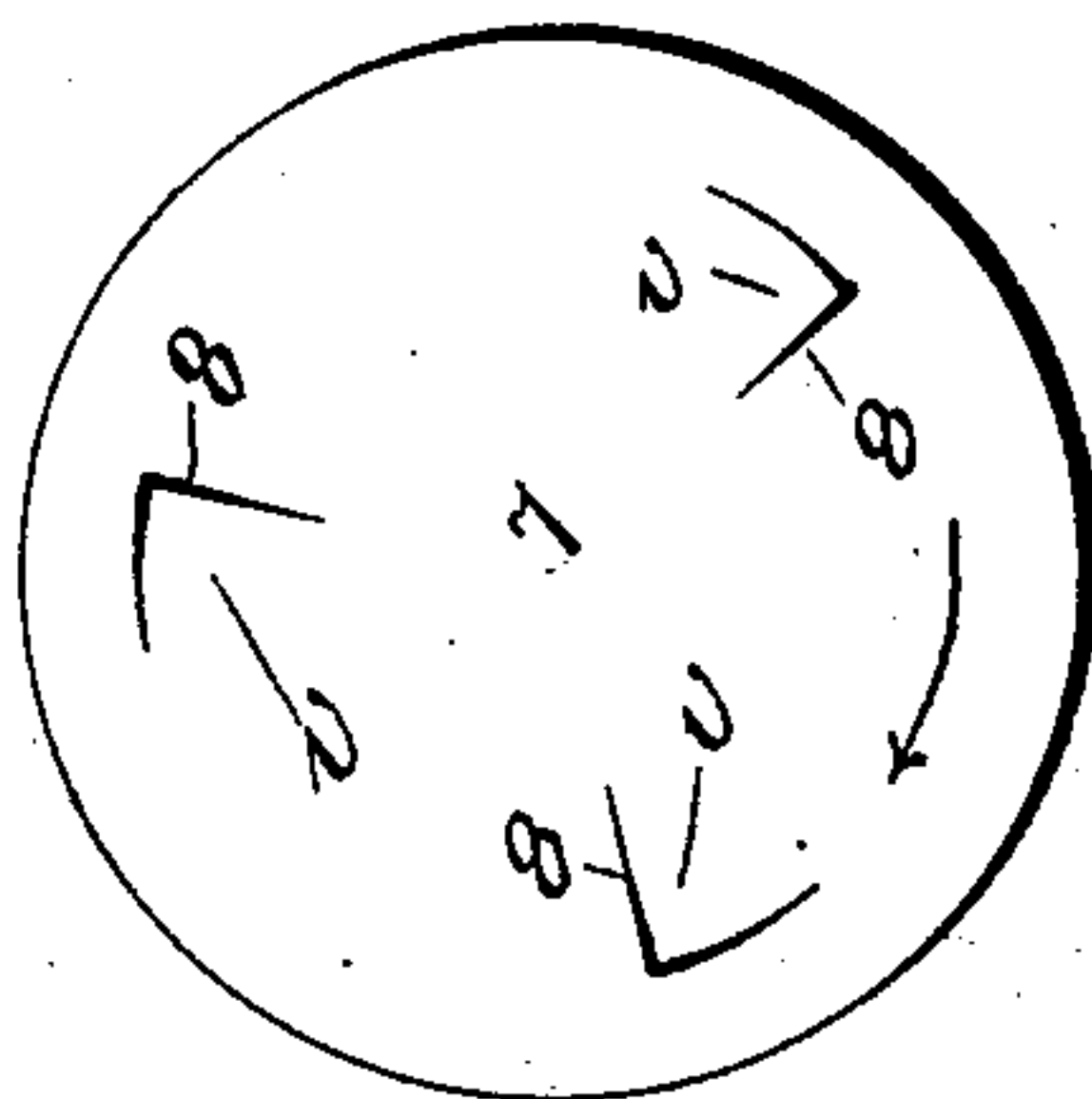
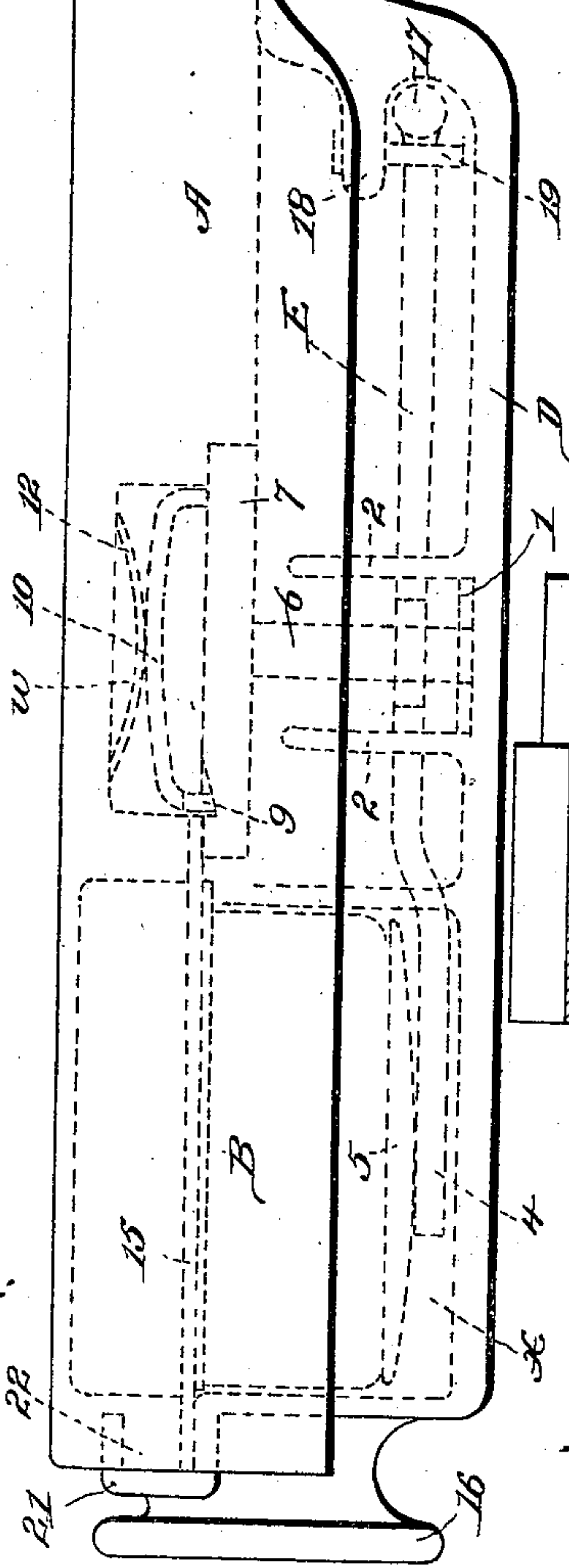


Fig. 6.

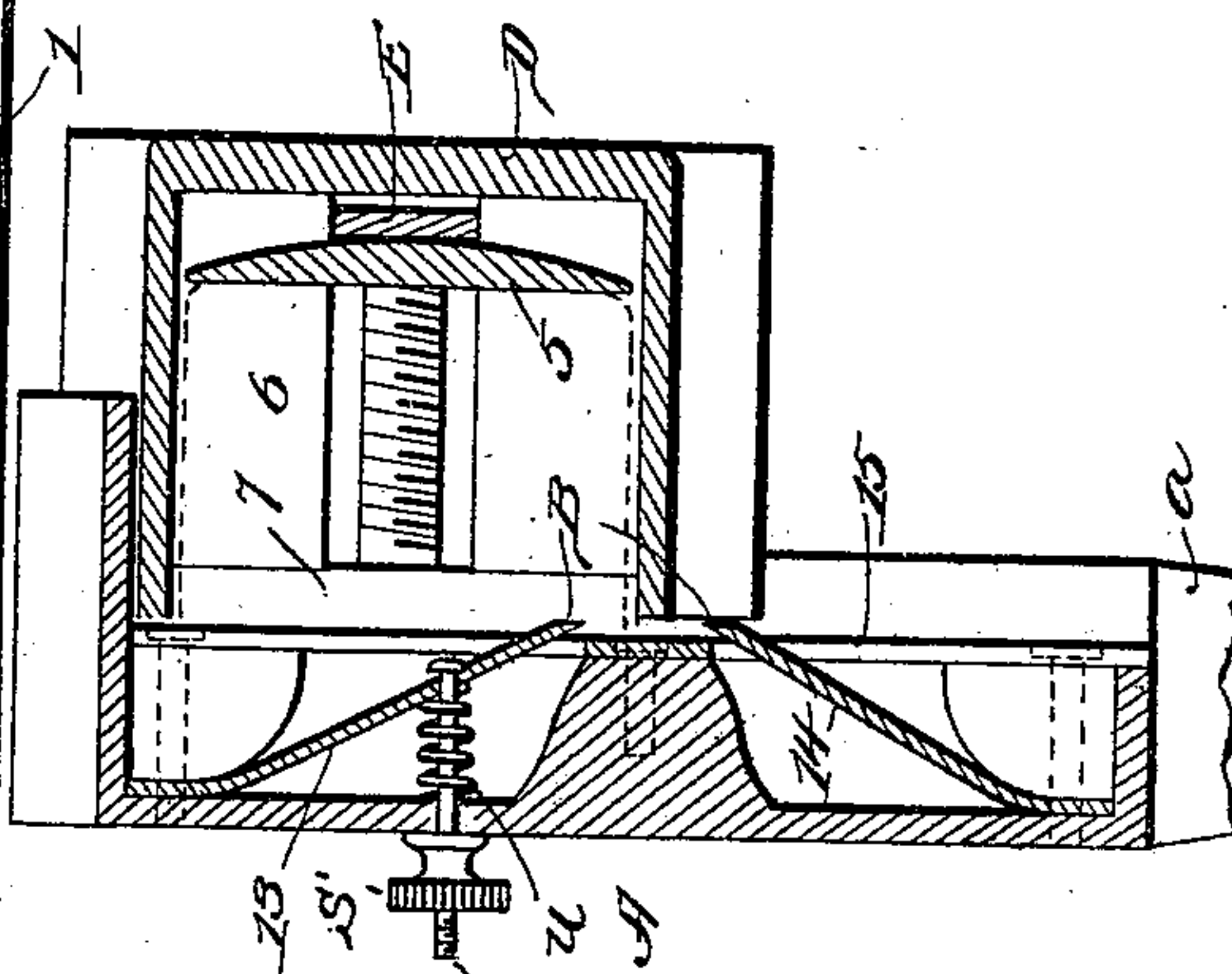


Fig. 4.

Witnesses:
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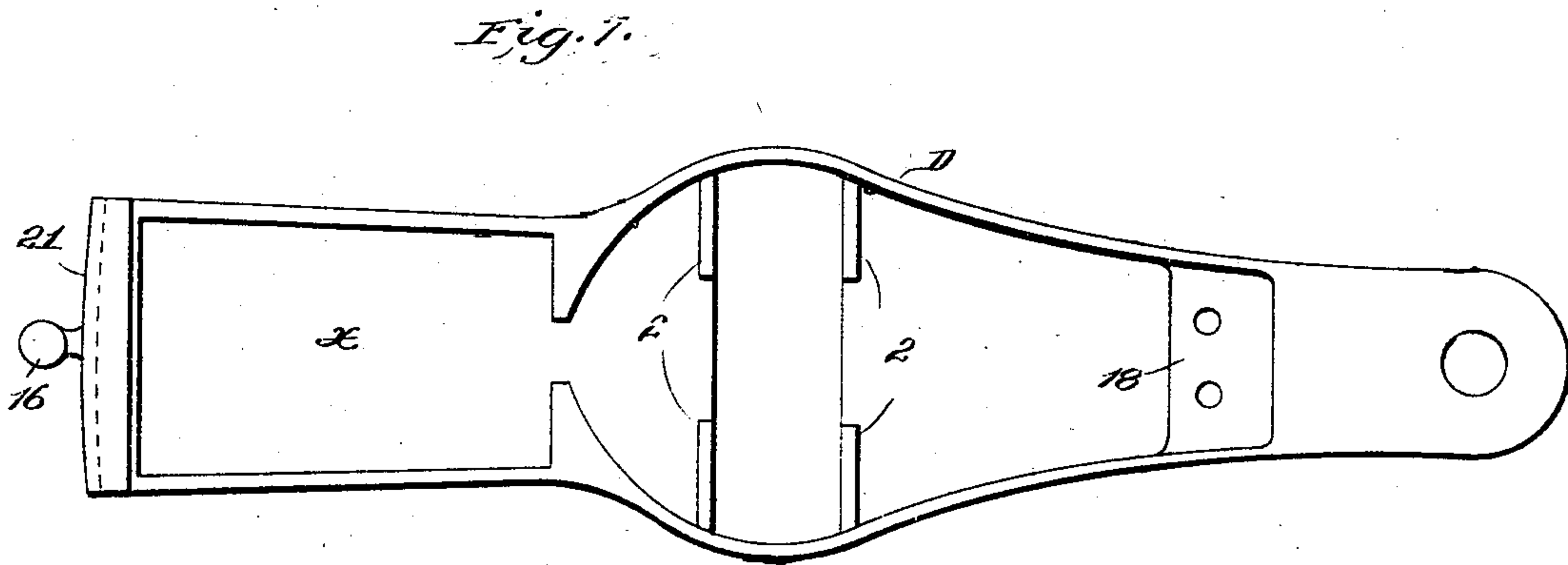
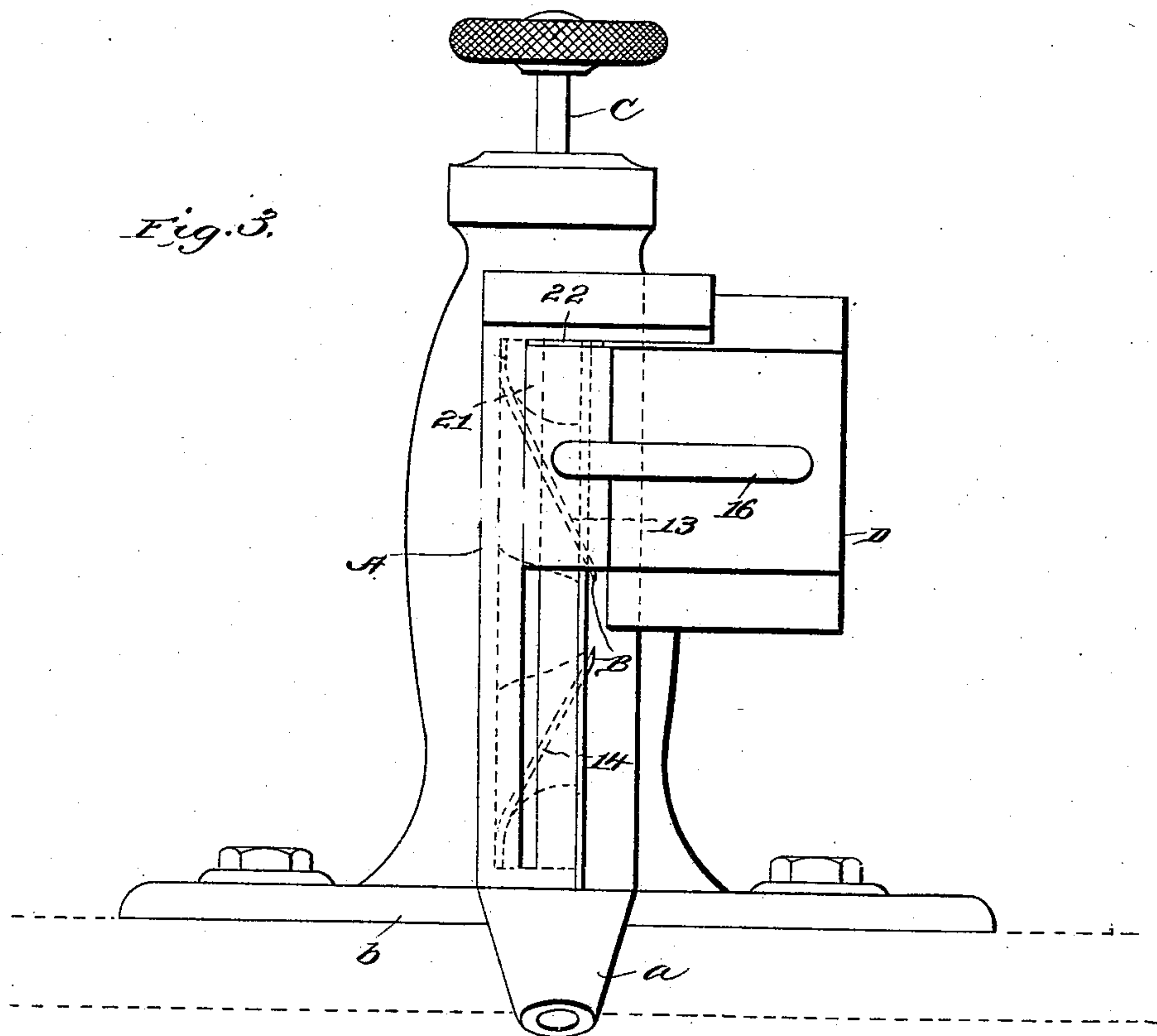
(No Model.)

4 Sheets—Sheet 3.

H. B. POTTER.
TOILET SOAP SERVER.

No. 517,624.

Patented Apr. 3, 1894.



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Inventor:
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(No Model.)

4 Sheets—Sheet 4.

H. B. POTTER.
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No. 517,624.

Patented Apr. 3, 1894.

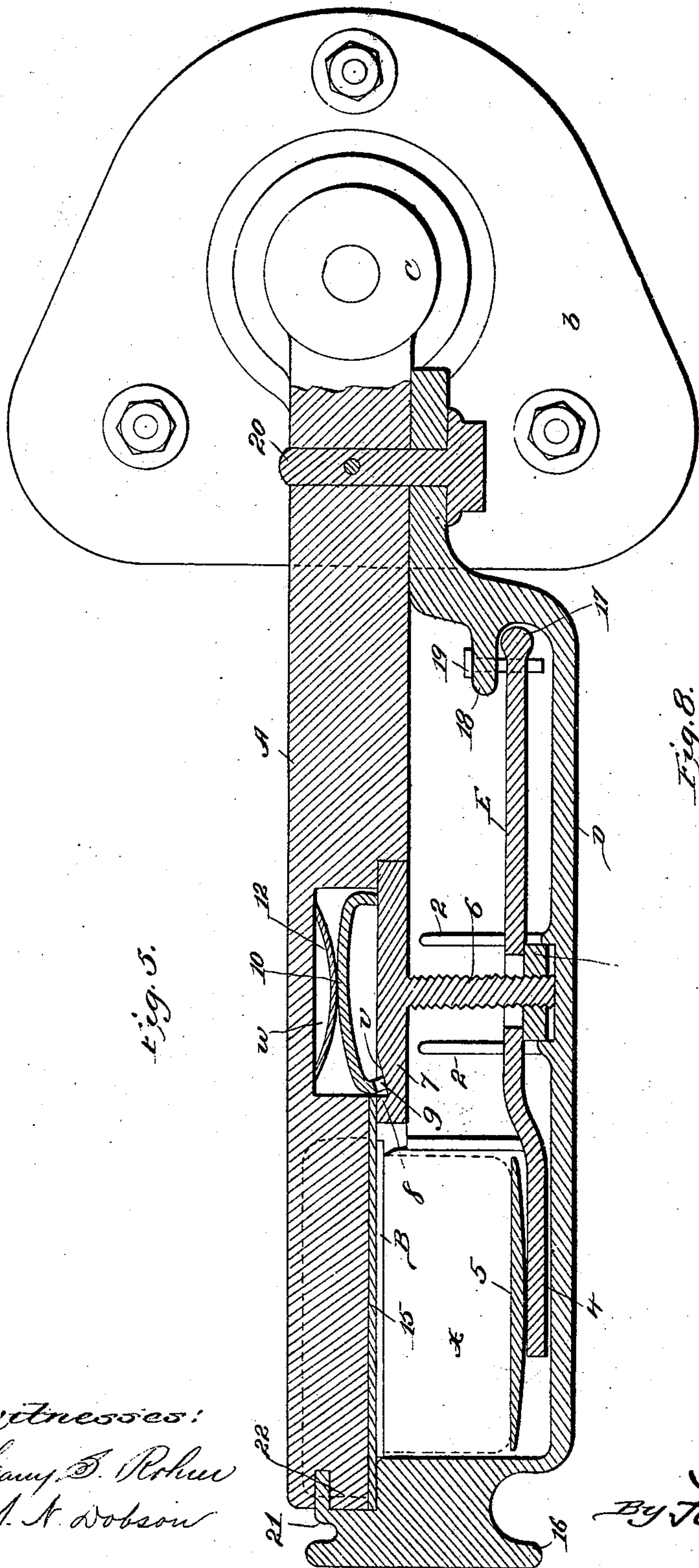


Fig. 5.

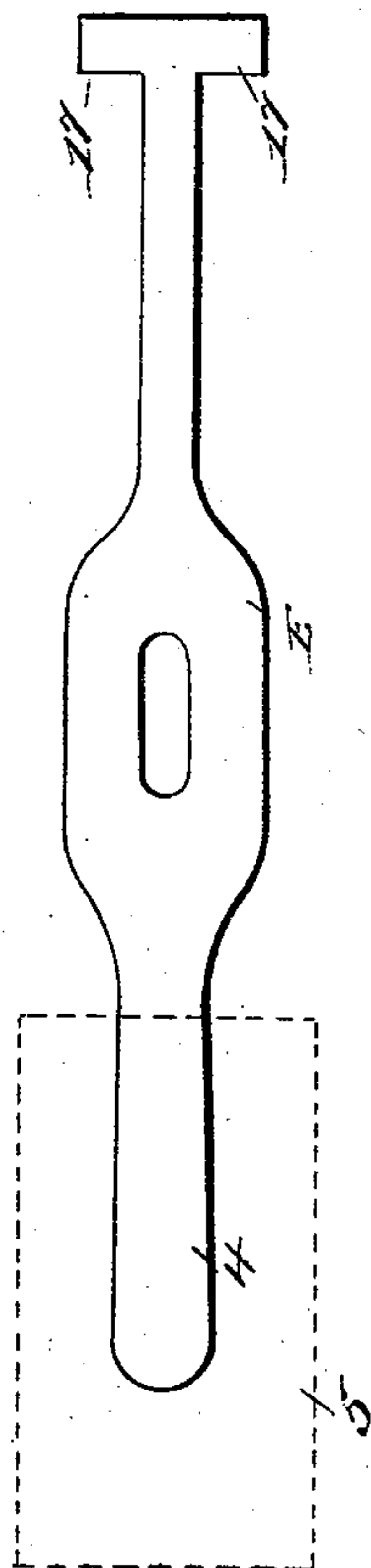


Fig. 8.

Witnesses:
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Inventor:
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By *John Freeman*
Attorneys

UNITED STATES PATENT OFFICE.

HOBART B. POTTER, OF HILLBURN, NEW YORK.

TOILET-SOAP SERVER.

SPECIFICATION forming part of Letters Patent No. 517,624, dated April 3, 1894.

Application filed February 18, 1893. Serial No. 462,893. (No model.)

To all whom it may concern:

Be it known that I, HOBART B. POTTER, a citizen of the United States, and a resident of Hillburn, Rockland county, New York, have
5 invented certain new and useful Improvements in Toilet-Soap Servers, of which the following is a specification.

My invention relates to devices for serving soap to wash basins and consists in constructing such a device with a stationary section and a movable section, one having a knife or knives and the other provided with means for feeding the soap toward the knives, and also in providing the stationary section
15 with a water passage and valve to constitute a faucet, and in certain details of construction, all as set forth hereinafter, and as illustrated in the accompanying drawings, in which—

Figure 1, is a side elevation of my improved
20 soap server; Fig. 2, a plan view; Fig. 3 an end view; Fig. 4, a section, transversely on the line 4—4, Fig. 1; Fig. 5, a part section on the line 5—5, Fig. 1; Fig. 6, a face view of the notched disk; Fig. 7, an inside face view of the vibrating lever; Fig. 8, a face view of the feed lever.

The stationary section or frame A, of the device, is provided with a flange *b*, or otherwise suitably constructed to permit this section to be firmly bolted to or adjacent to the
30 slab X, or top of a hand basin, and said section A, is provided with a passage or channel for water, terminating in a discharge nozzle *a*, and with a valve controlling said channel with an operating device C, for adjusting said
35 valve. These parts may be constructed in any suitable manner so as to constitute practically a discharge faucet of a wash basin. The section A, also constitutes in connection with a movable lever or section D, a soap receptacle and server, one of the parts having
40 a recess or pocket *x*, for the soap and the other of said parts having a cutter or cutters B, of such construction that when one part or section is moved over the other, the knife or
45 cutter will shear off a shaving of soap which will drop into the hand of the operator or into the basin.

As shown the lever D, is pivoted at one end to the section A, and has at the outer end the
50 receptacle *x*, for the soap said pocket being closed on all sides except that which is opposite the section A, and in the pocket *x*, is a

follower in the form of a plate 5, which is moved automatically toward the mouth of the receptacle so as to feed the cake of soap
55 therein outward toward the knife or knives carried by the stationary section A.

Different feeding devices for moving out the follower may be employed. As shown, there is a lever E, pivoted at its inner end to
60 the lever D, the outer end 4, bearing against or being connected with the follower 5. In order to impart an outward movement to the lever E, and the follower at each movement of the lever D, a nut 1, upon a screw 6, is ar-
65 ranged between guides 2, 2, upon the lever D, so as not to turn, but so as to slide outward upon the screw 6, as the latter is turned the nut bearing on the lever E, and carrying the
70 latter with it. The screw 6, turns in the said nut and is carried by a disk 7, having notches with inclined faces *v*, and abrupt shoulders 8, with which engage the ends 9, of a dog 10,
75 that is pivoted in a transverse slot or opening *w*, in the section A, and which is forced outward by the spring 12. Each of the lugs 9, is beveled on one face the bevels of the two legs being in opposite directions so that when the
80 disk 7, is carried either downward or upward past the dog 10, one or other of the lugs 9, will engage one of the shoulders 8, and will turn the disk in the direction of the arrow,
85 Fig. 6. As one lug will engage the shoulders 8 at one side of the axis of the disk when the latter is going upward and the other will engage the shoulders at the opposite side of the
90 axis when the disk is carried downward, there will be a feeding motion to the nut as the lever D, passes in each direction, and the block of soap in front of the follower will be fed
95 slightly outward at each movement of the lever D.

The cutter or cutters, two of which are preferably used, may be of any suitable construction. As shown, there are two cutter blades
95 13, 14, each in the form of a spring blade secured at its inner end to the section A, and extending outward at an angle, the two blades being at opposite angles with their cutting
100 edges projecting through openings in and beyond a face plate 15, toward which the block of soap is forced.

In order to limit the movement of the cutters outward to regulate the depth of the cut,

a screw bolt S may pass through a slot in the cutters and be provided with an adjusting thumb screw S' as shown in Fig. 4. It therefore follows that owing to the inclination of the
 5 spring cutters when the block of soap is carried downward it will bear against and press in the upper cutter 13, but will engage the lower cutter 14, which will shear off a shaving of soap and when the block is carried upward it
 10 will force in the cutter 14 and will engage the edge of the cutter 13, and another shaving will be sheared off so that one is cut off at each movement. It will of course be evident that instead of using elastic cutters the latter may
 15 be rigid and forced outward by the spring *u*, which may surround the bolt S.

Preferably the lever D, is provided with a hand grasp or handle 16, by which it can be readily manipulated.

20 In order to permit the follower to carry back to its first position after a cake of soap has been cut away, I provide the lever E, with trunnions 17, 17, which may be introduced between the lugs 18, and confined by removable pins 19, as shown in Fig. 2 thereby per-
 25 mitting the lever with the disk 7, and nut, to be withdrawn at any time in order to turn the nut back to the end of the screw 6. The pivot pin 20 of the lever D, may also be a screw pin
 30 or otherwise detachable.

To confine the face of the lever D, in proximity to the face plate 15, of the cutter I provide the lever D, with a hook 21, which is bent round a curved rib or projection 22, on the
 35 section A, so as to slide thereon while preventing the lever D, from being forced away from the section A.

Without limiting myself to the precise arrangement of parts shown, I claim as my invention—

1. A faucet provided with a water-delivery channel and controlling valve, in combination with a movable lever or section connected with the faucet section, one having a receptacle for a block of soap and the other a cutter
 45 and means for forcing the soap outward from said receptacle, and against the cutter, substantially as set forth.

2. The combination of the part as the lever D, having a receptacle for the soap, the fol-
 50 lower, a lever E, pivoted to the part D, a screw carrying a nut bearing on said lever, and means for turning the screw at each movement of the lever, substantially as set forth.

3. The combination of the part A, of the
 55 pivoted lever D, follower, lever E, detachably connected with the lever D, and screw and nut, and means for turning the screw and nut, substantially as set forth.

4. The combination with the basin of a soap
 60 server consisting of a stationary section A, extending over the basin a movable section D, pivoted to one side of the section A, one section having a cutter and the other a recep-
 65 tacle for a block of soap and means for forcing the latter outward on the movement of the movable section, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HOBART B. POTTER. [L. S.]

Witnesses:

FRED. W. SNOW,
 ROBERT WOLFE.