

No. 760,402.

PATENTED MAY 17, 1904.

A. H. SCOTT.
TOILET PAPER CABINET.
APPLICATION FILED SEPT. 2, 1903.

NO MODEL.

FIG. 3.

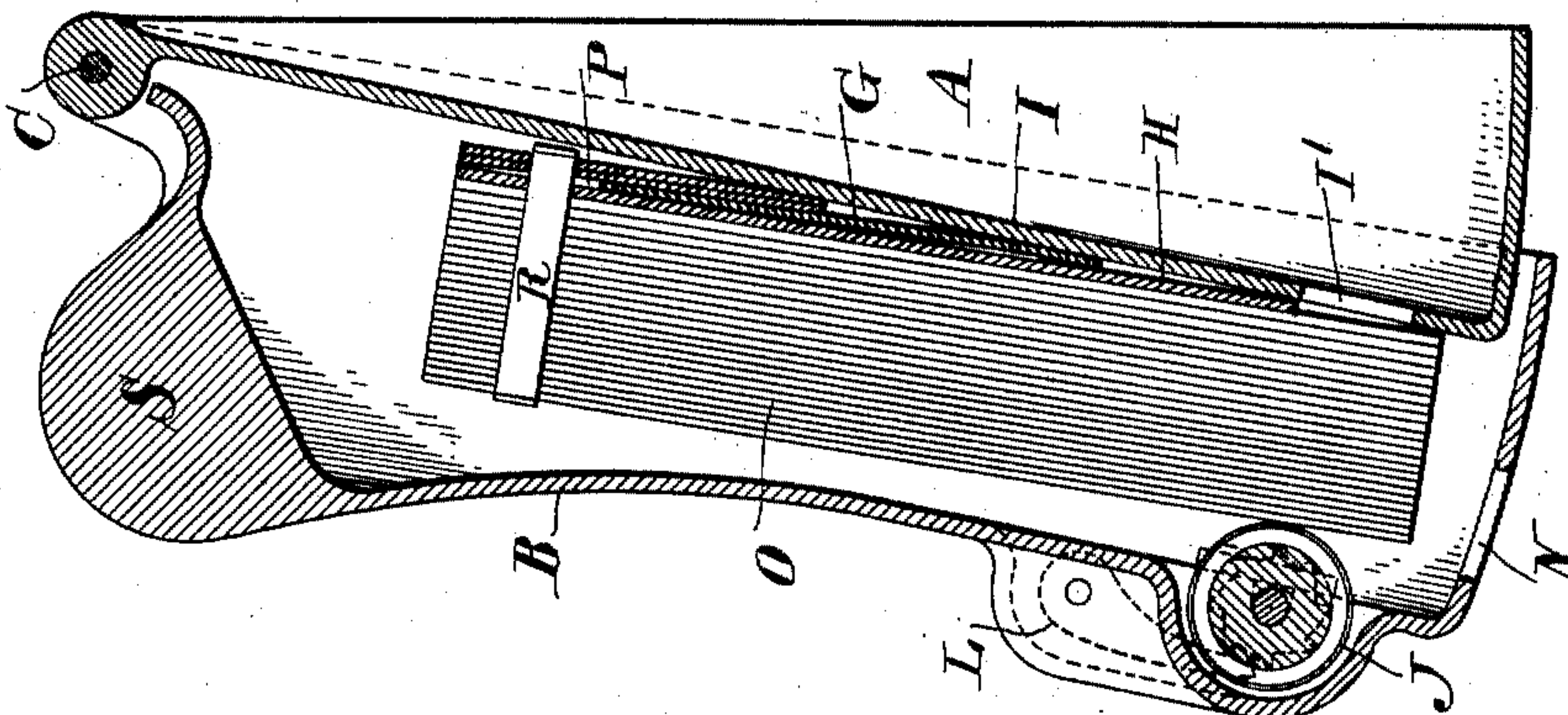


FIG. 2.

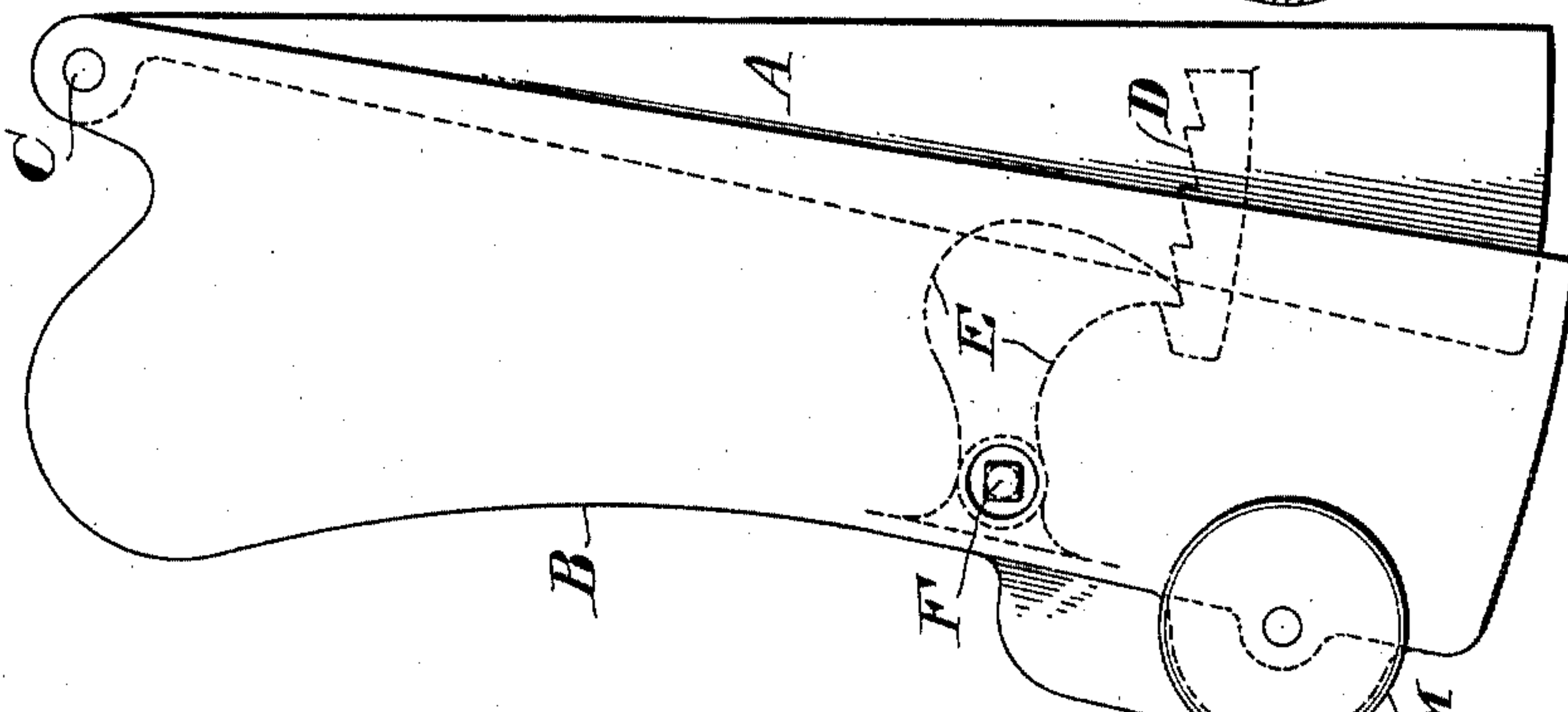
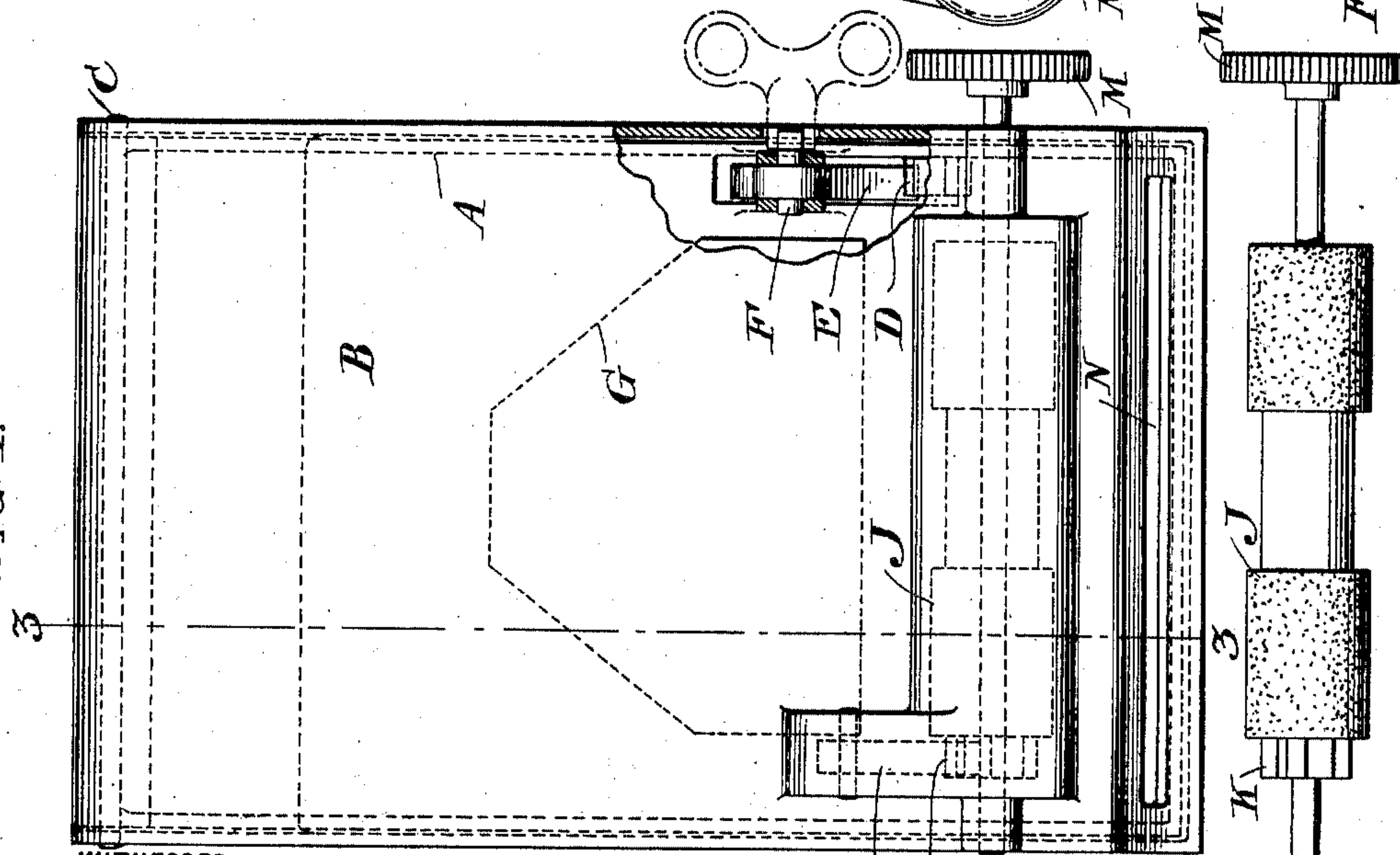


FIG. 1.



WITNESSES:

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FIG. 4.

UNITED STATES PATENT OFFICE.

ARTHUR H. SCOTT, OF PHILADELPHIA, PENNSYLVANIA.

TOILET-PAPER CABINET.

SPECIFICATION forming part of Letters Patent No. 760,402, dated May 17, 1904.

Application filed September 2, 1903. Serial No. 171,599. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR H. SCOTT, of the city and county of Philadelphia, State of Pennsylvania, have invented an Improvement
5 in Toilet-Paper Cabinets, of which the following is a specification.

My invention has reference to toilet-paper cabinets; and it consists of certain improvements which are fully set forth in the following
10 specification and shown in the accompanying drawings, which form a part thereof.

My invention has for its object the construction of a cabinet or serving device for toilet-paper which shall embody simplicity, cheap-
15 ness, durability, and accuracy of delivery of the sheets of toilet-paper.

In carrying out my invention I provide a cabinet of two castings hinged together in such a manner that they will automatically approach each other at their ends most distant
20 from the hinge, and thereby create a pressure of substantially constant degree of the serving-roller upon the paper sheets constituting the package placed within the case. I also
25 provide a locking device which automatically locks the two parts of the case together and maintains it in locked condition during its automatic adjustment to suit the gradually-decreasing size of the paper package.

My invention also comprehends details of construction which, together with the above features, will be better understood by refer-
30 ence to the drawings, in which—

Figure 1 is a front elevation of a cabinet
35 for serving toilet-paper embodying my invention. Fig. 2 is a side elevation of same. Fig. 3 is a sectional elevation of same on line 3 3 of Fig. 1, and Fig. 4 is a plan view of the feeding-roller removed from the cabinet.

A is the back casting of the case, and B the front frame, said parts being hinged together at C close to the back face of the part A. The lower portion of the part A is much deeper than the top, so that, in effect, the front surface
45 or configuration is oblique. The front frame B may be weighted at S, so as to cause it to press forward toward the part A at its lower portion and swing about the hinge C.

The part A is made with side walls and a
50 back plate I, to which is secured a suspension-

tongue G, directed upward and approximately triangular at its upper portion, as indicated in dotted lines in Fig. 1. Upon this tongue is suspended the package of toilet-paper O, the back of which has a card H, formed at the
55 top with an inverted pocket P of triangular shape adapted to fit upon the tongue G. The card H and paper sheets constituting the package O are secured together by a metal fastener R of suitable construction. This construction
60 of paper package is not claimed in this application, as it forms subject-matter of another pending application of mine filed September 2, 1903, and serially numbered 171,598.

The front frame B has an opening or slot N
65 at the bottom through which the paper sheets may be fed downward and has side walls which overlap the side walls of the back frame, so as to completely close the sides of the case. The front frame is also provided with a feed-
70 ing-roller J, covered with sandpaper and adapted to press upon the paper package O, as shown in Fig. 3. The shaft of this roller extends through the side of the frame B and is provided with an operating hand-wheel M.
75 It is also provided with a ratchet-wheel K, which by coaction with a pivoted pawl L prevents the roller being rotated backward.

The back plate I is provided with apertures I', through which the active parts of the roller
80 J may project should the paper O be all used up, and thereby prevent destruction of the sandpaper surface of the roller by rubbing upon the cast-iron back plate.

To lock the front frame against being opened,
85 I provide a pivoted locking-dog E, which engages with a rack D on the inside of the back frame A. In this manner the front frame is automatically adapted to lock itself as it feeds forward upon the back frame as the paper be-
90 comes discharged and the thickness of the package O is reduced. The pivot F of the locking-pawl is made to act as a key-stud and is adapted to be turned by a suitable key to
95 unlock the dog E when it is desired to open the case to discharge it with a new package O.

Some of the advantages of this fixture are: It is exceedingly simple, consisting, as it does, of only two castings and the roller and ob-
100 viating the use of a spring and pivoted tin

plate heretofore required to force the paper package against the feed-roller. It dispenses with the employment of a spring to insure contact of the paper and roller, and thereby
 5 overcomes the great difficulty heretofore experienced by the ever changing temper of the springs. It works equally with a full pack and when the pack has been nearly exhausted, since it maintains a substantially constant
 10 pressure between the roller and front sheet of the pack. It insures the paper pack hanging in proper position, so as to feed the sheets directly downward.

The suspension device G is rigid with the
 15 back, and hence is not liable to get out of order, as it positively fits the pocket on the pack, extending from side to side thereof. It steadies the pack and rigidly holds it against lateral displacement. The upper edges of the tongue or
 20 suspension device G are shown as oblique, and I prefer to so form them; but I do not limit myself thereto.

While I prefer the construction shown as excellently adapted to the employment of my
 25 invention, I do not limit myself to the details thereof, as these may be modified in various ways without departing from the spirit of the invention.

Having now described my invention, what I
 30 claim as new, and desire to secure by Letters Patent, is—

1. In a toilet-paper-serving fixture, the combination of a back frame provided with means for supporting a package of toilet-paper, a
 35 front frame movably connected to the back frame and adapted to move toward it, means to lock said frames together in a series of positions of adjustment, and a roller journaled to the front frame for feeding the sheets from
 40 the paper package.

2. In a toilet-paper-serving fixture, the combination of a back frame provided with means for supporting a package of toilet-paper, a
 45 front frame movably connected to the back frame and adapted under the action of gravity to move toward it, automatic means to lock said frames together in a series of positions of adjustment, and a roller journaled to the front
 50 frame for feeding the sheets from the paper package.

3. In a toilet-paper-serving fixture, the combination of a back frame provided with means for supporting a package of toilet-paper, a
 55 front frame movably connected to the back frame and adapted to move toward it, means to lock said frames together in a series of positions of adjustment consisting of a rack and movable locking-pawl, and a roller journaled to the front frame for feeding the sheets from
 60 the paper package.

4. In a toilet-paper-serving fixture, the combination of a back frame having means for supporting a paper package, a front frame hinged to the back frame at the top and hav-

ing means to press its lower part toward the
 65 back frame whereby it automatically adapts itself to the varying thickness of the paper package, means to lock the two frames together while permitting the front frame to follow the decreasing size of the paper package,
 70 and the feeding-roller journaled in the front frame and movable backward with said front frame, whereby it at all times remains in contact with the paper package irrespective of its decreasing thickness. 75

5. In a toilet-paper-serving fixture, the combination of a back frame having a recessed or apertured portion in its back plate to receive the feeding-roller, a front frame hinged to the
 80 back frame at the top and having means to press its lower part toward the back frame, means to lock the two frames together, and a feeding-roller journaled in the front frame near its lower portion for feeding the sheets of toilet-paper. 85

6. In a toilet-paper-serving fixture, the combination of a back frame, an upwardly-extending tongue for supporting the package of paper secured at its bottom to the back frame, a front frame hinged to the back frame at the
 90 top and having means to press its lower part toward the back frame, means to lock the two frames together, and a feeding-roller journaled in the front frame near its lower portion for feeding the sheets of toilet-paper. 95

7. In a toilet-paper-serving fixture, the combination of a back frame, an upwardly-extending tongue having oppositely-arranged oblique upper edges for supporting the package of paper secured at its bottom to the back
 100 frame, a front frame hinged to the back frame at the top and having means to press its lower part toward the back frame, means to lock the two frames together, and a feeding-roller journaled in the front frame near its lower
 105 portion for feeding the sheets of toilet-paper.

8. In a toilet-paper-serving fixture, the combination of a back frame having an inclined back plate provided with apertures for the feeding-roller and an upward-extending
 110 tongue for supporting the paper package, a front frame hinged at the top to the back frame and movable to and from it at the bottom, and a feeding-roller journaled in the lower portion of the front frame. 115

9. In a toilet-paper-serving fixture, the combination of a back frame, a gravity-actuated adjustable front frame hinged to the back frame and having side walls extending over the back frame, and a feeding-roller journaled
 120 in the front frame for feeding the paper.

In testimony of which invention I hereunto set my hand.

ARTHUR H. SCOTT.

Witnesses:

GEO. E. GRIFFIN,
 E. IRVIN SCOTT.