

No. 753,989.

PATENTED MAR. 8, 1904.

J. LONG.
MATCH BOX.

APPLICATION FILED AUG. 7, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

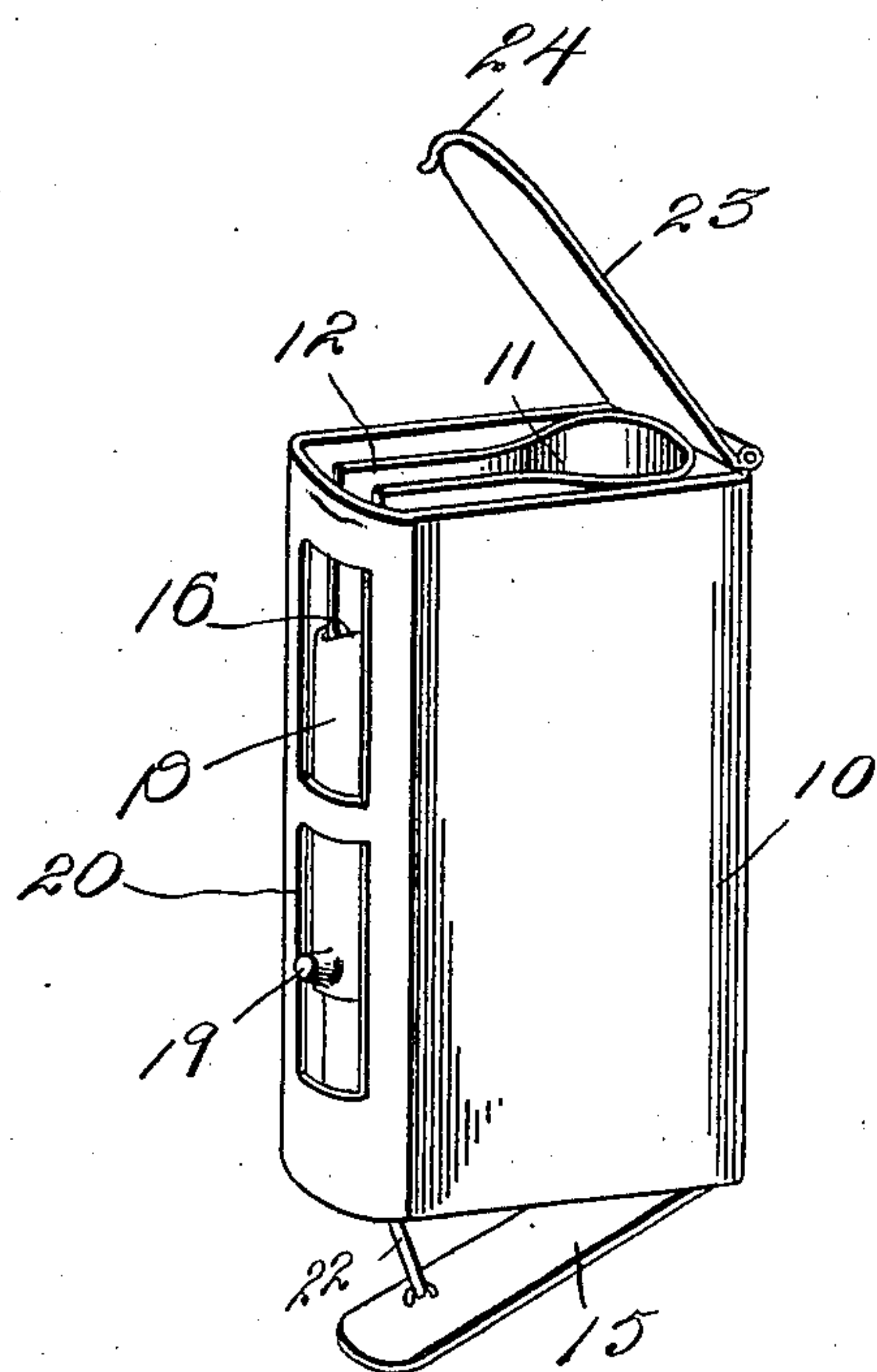


Fig. 1.

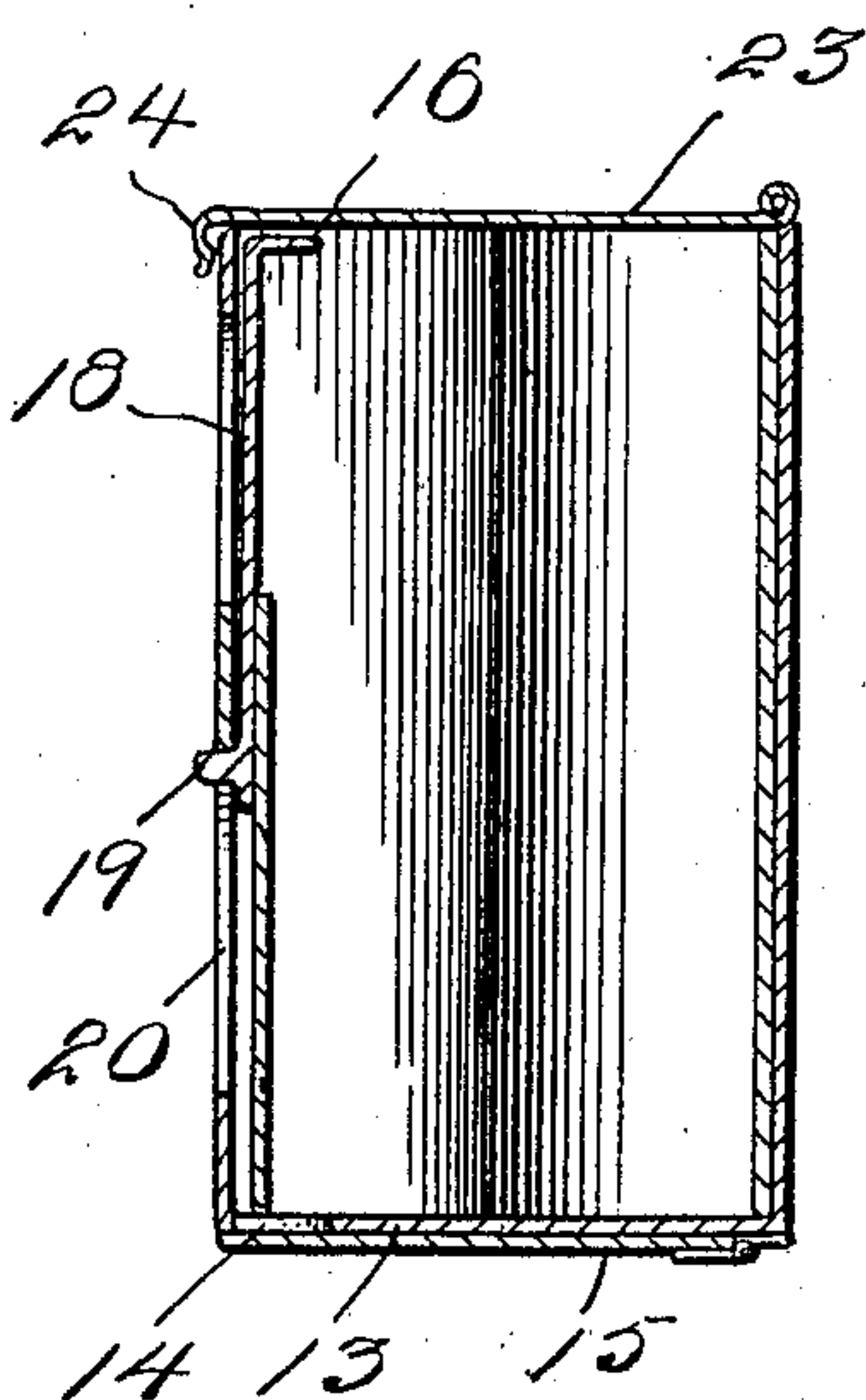


Fig. 2.

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2 SHEETS—SHEET 2.

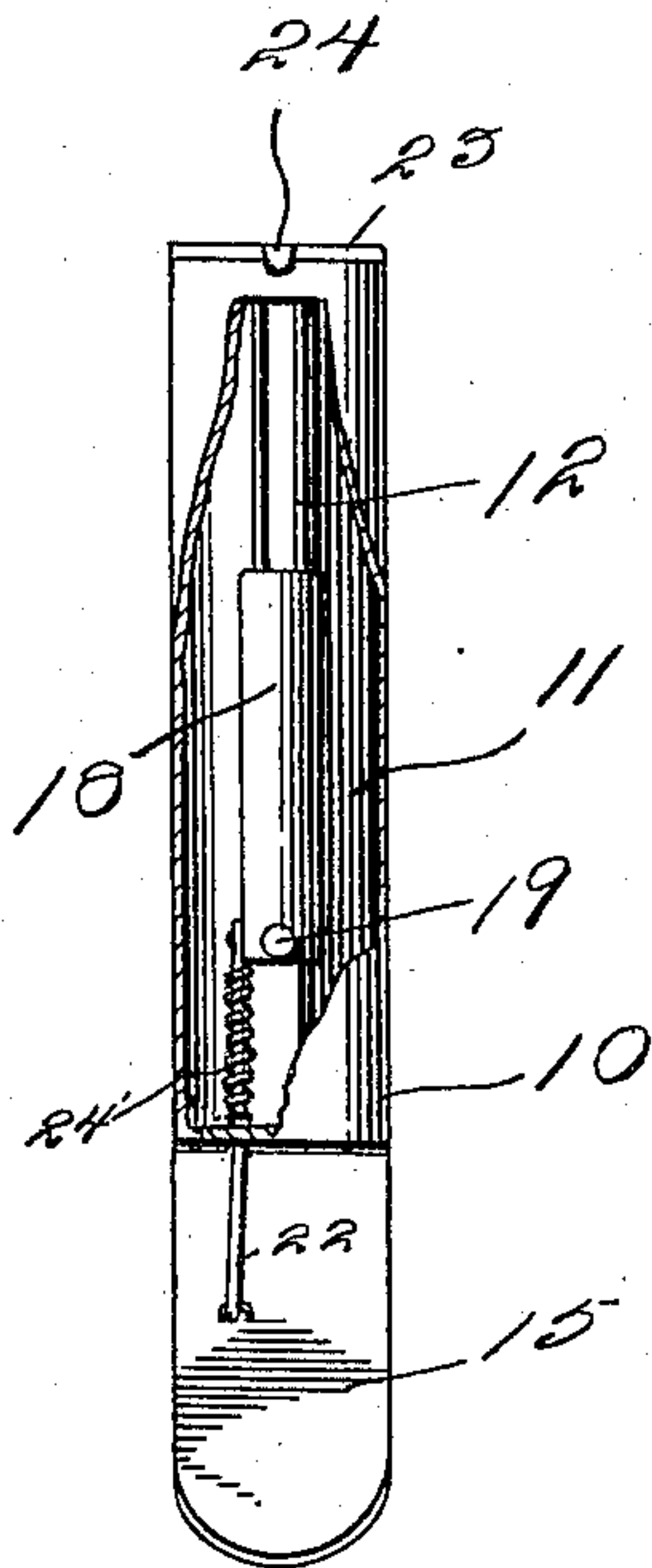


Fig. 5.

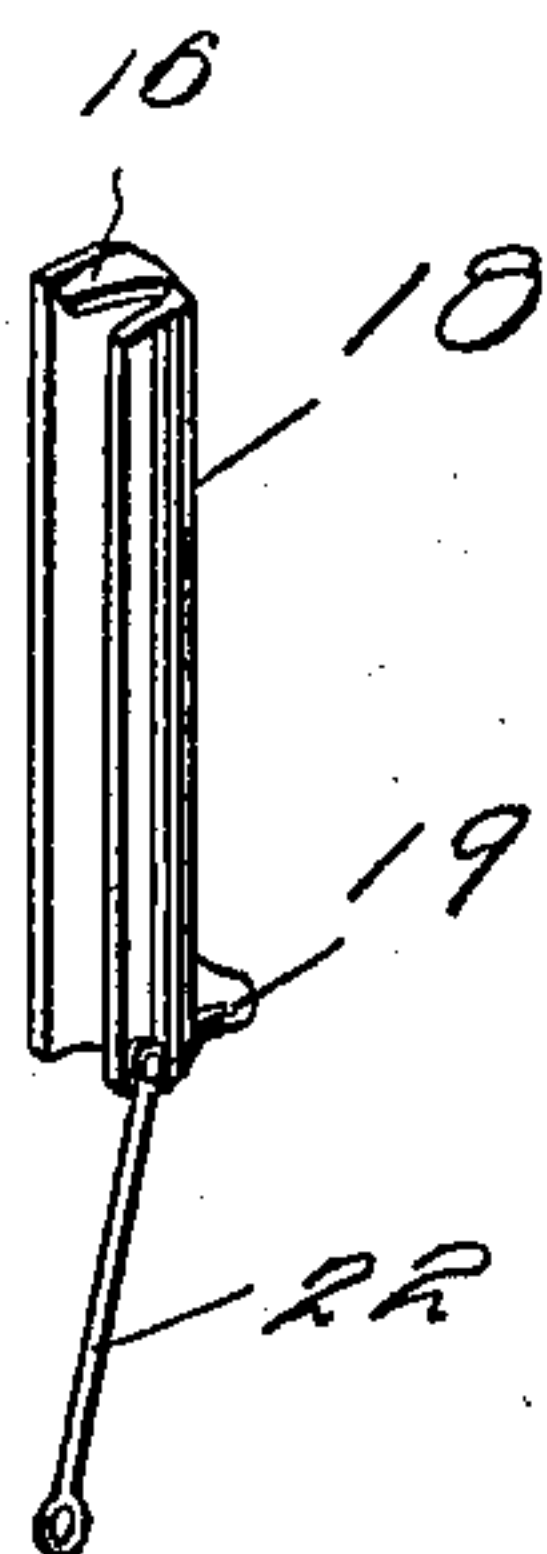


Fig. 4.

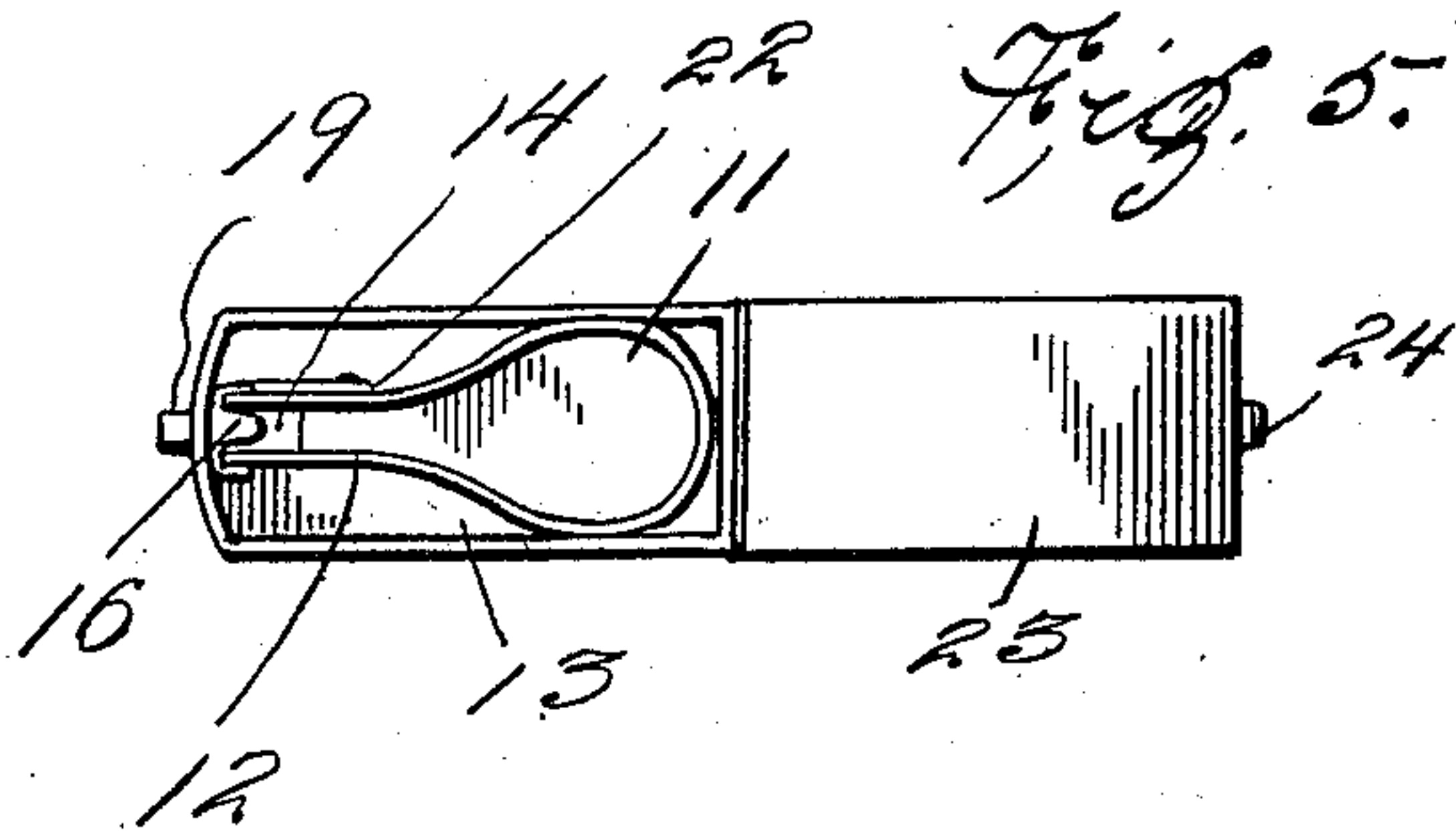


Fig. 5.

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UNITED STATES PATENT OFFICE.

JACOB LONG, OF ST. PAUL, KANSAS.

MATCH-BOX.

SPECIFICATION forming part of Letters Patent No. 753,989, dated March 8, 1904.

Application filed August 7, 1903. Serial No. 168,670. (No model.)

To all whom it may concern:

Be it known that I, JACOB LONG, a citizen of the United States, residing at St. Paul, in the county of Neosho, State of Kansas, have
5 invented certain new and useful Improvements in Match-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

This invention relates to match-boxes, and more particularly to the class of pocket match-boxes, the object of the invention being to provide an improved box from which the
15 matches will be delivered one at a time and in which there will be provided means for preventing accidental delivery of the matches.

Other objects and advantages of the invention will be understood from the following de-
20 scription.

In the drawings forming a portion of this specification, in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view showing the
25 match-box with the lid raised and the discharge-slide retracted, Fig. 2 is a vertical section taken through the match-box from the front to back thereof. Fig. 3 is a front elevation of the box with the slide in position to
30 discharge a match, the front of the casing of the box being broken away. Fig. 4 is a detail view of the ejecting-slide. Fig. 5 is a top plan view of the box with the lid raised.

Referring now to the drawings, the present
35 box comprises an outer casing 10, within which is the match-holder comprising a main substantially cylindrical body portion 11 and a narrowed lateral extension 12. The main body portion 10 of the match-holder is de-
40 signed to hold a quantity of matches side by side, while the narrowed extension 12 is of a width to receive only a single match, although its depth is sufficient to receive a number of matches one behind another. The casing 10
45 has a fixed bottom 13, which serves also as a bottom for the match-holder, and in this bottom is a discharge-opening 14, which commu-
50 nicates with the outer end portion of the narrowed extension 12 of the match-holder, so that only a single match at the extreme outer

end of this narrowed portion will be in position to pass through said opening 14. The opening 14 is normally covered by means of a door 15, which is hinged to the casing and which when in closed position prevents pas-
55 sage of the matches from the holder. When the door or plate 15 is swung downwardly, the matches may be successively extracted through the opening 14.

The outer end wall of the narrowed portion 60 12 of the match-holder is slotted from its upper edge downwardly, and in this slot engages the finger 16 at the upper end of the semicylindrical ejector 18, the sides of which hug and slidably engage the outer faces of the sides of
65 said narrowed extension. The match that rests or lies against the outer end wall of the extension 12 stands beneath the finger 16, so that when the ejector is moved downwardly said
70 finger engages the upper end of the match and forces the latter downwardly through the hole or opening 14, a finger-piece 19 being provided upon the ejector and operating in the slot 20 in the front of the casing for shifting the ejector.
75 In order that the plate or gate 15 will be swung downwardly when the ejector is moved to eject a match, a rod 22 is connected to the ejector and to the plate and passes through an opening in the bottom of the casing. When
80 the ejector is raised to its normal position, the rod raises the plate to cover the opening 14.

The casing 10 is provided with a hinged lid or cover 23, having a suitable catch 24 for holding it in closed position, and to hold the
85 gate 15 yieldably in closed position a helical spring 24' may be disposed upon the gate-operating rod with its ends resting against the bottom of the casing and the ejector, respectively.

In practice modifications of the specific con-
90 struction shown may be made, and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

1. A match-box consisting of a casing hav-
95 ing a discharge-opening, an inner body substantially cylindrical in form having a narrowed lateral extension and a slot extending
100 downwardly from the top of the said lateral

extension, an ejector slidably disposed upon the narrowed lateral extension arranged to engage the matches through the said slot and successively discharge the said matches through the opening in the casing, a hinged cover for the said opening, a rod connecting the ejector with the cover and a coiled spring mounted upon the said rod for holding the ejector normally and yieldably with the cover in closed position.

2. In a match-box, the combination with a casing, closures hinged to the top and bottom of the said casing, of a body disposed within the casing, the said body being substantially

cylindrical in form and having a narrowed lateral extension having a slot extending downwardly from its top, an ejector mounted in the said slot to discharge a single match, and means connected to the ejector and one of the closures of the said casing for moving the said closure into and out of active position, as the ejector is operated.

In testimony whereof I affix my signature in presence of two witnesses.

JACOB LONG.

Witnesses:

J. J. McNAMARA,
H. H. NULL.