No. 759,076. PATENTED MAY 3, 1904.

C. S. CHRISTIANSON.

BOX LID HOLDER.

APPLICATION FILED FEB. 4, 1904.

NO MODEL.

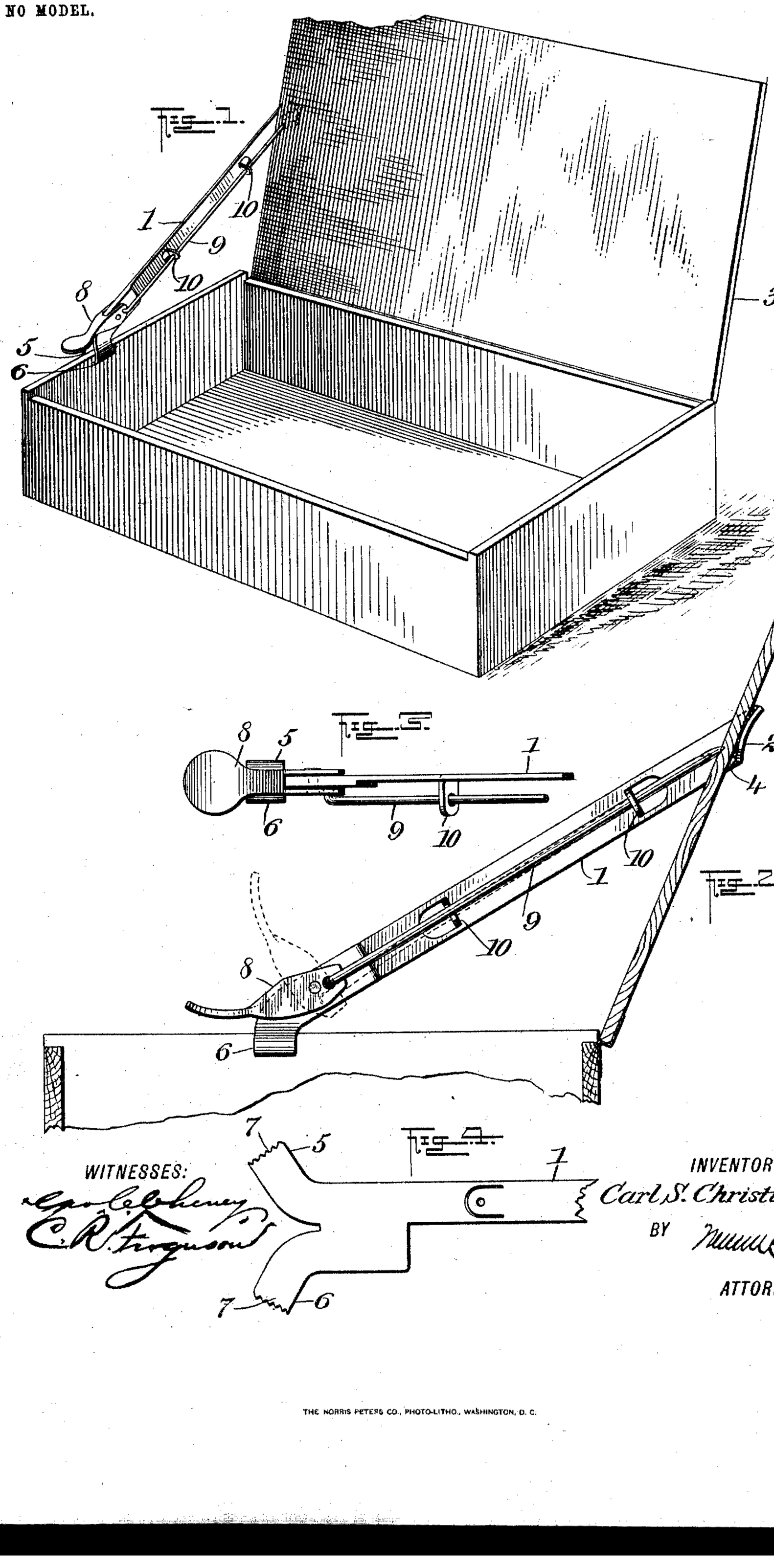

FIG. 1.

FIG. 5.

FIG. 2.

FIG. 3.

WITNESSES:

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No. 759,076. Patented May 3, 1904.

UNITED STATES PATENT OFFICE.

CARL S. CHRISTIANSON, OF REYNOLDS, NORTH DAKOTA.

BOX-LID HOLDER.

SPECIFICATION forming part of Letters Patent No. 759,076, dated May 3, 1904.

Application filed February 4, 1904. Serial No. 191,973. (No model.)

To all whom it may concern:

Be it known that I, CARL S. CHRISTIANSON, a citizen of the United States, and a resident of Reynolds, in the county of Grand Forks and State of North Dakota, have invented a new and Improved Box-Lid Holder, of which the following is a full, clear, and exact description.

This invention relates particularly to improvements in devices for holding lids of cigar-boxes open at any desired angle for displaying goods, the object being to provide a device for this purpose that will be simple in construction, readily applied, and that when in position will occupy but very little space.

I will describe a box-lid holder embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a box-lid holder embodying my invention and showing the same in use. Fig. 2 is a sectional side view of the same. Fig. 3 is a top view of a portion of the device, and Fig. 4 is a plan showing the blank from which the body of the holder is formed.

The body of the holder comprises a strip of metal 1, having at one end a right-angle portion 2 for engaging with the top of the box-lid 3. This portion 2 is preferably curved lengthwise, so that it may engage with any portion of the lid, depending upon the angle in which the lid may be placed, and this part 2 is provided with teeth 4 for engaging into the wood of the lid. At the opposite end the body is provided with two spring-yielding jaws 5 6. These two jaws are formed on the single strip of metal 1 by bending the said jaws together, as clearly indicated in the drawings. The ends of the jaws are turned inward and are provided with teeth 7 for engaging in an end wall of the box. Pivotally connected to the jaw end of the body 1 is a clamping device consisting of a lever 8, which has downwardly-extended side portions for engaging against the outer sides of the jaws, and extended upward from this clamping-lever 8 is a rod 9, having a sharpened end for piercing the wood of the cover 3. As here shown, this rod 9 has bearings in lugs 10, which are stamped out of the body 1.

In operation the angular part 2 of the body is to be engaged against the cover, as indicated in Fig. 2, and the jaws 5 6 are to be engaged with the end wall of the box. Then by pressing the lever 8 downward the said jaws 5 and 6 will be caused to engage tightly with the box end and at the same time the end of the rod 9 will be thrown into the cover, as, it will be noted, the pivotal connection between said rod and the lever is rearward of the pivotal point of the lever.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A box-lid holder comprising a strip of metal having one end turned at an angle to engage with the outer side of the box-lid, jaws at the opposite end for engaging with the end wall of the box, a rod movable lengthwise of the body portion for engaging with the inner side of the box-lid, and a lever for simultaneously pressing the jaws together and moving said rod lengthwise.

2. A box-lid holder comprising a strip of metal having outwardly-turned perforated lugs, one end of said strip of metal being turned at right angles to the main portion and vertically curved, clamping-jaws at the opposite end of the strip, a lever pivoted to the strip and having side portions for engaging against the outer sides of the jaws and a rod having pivotal connection with said lever, and extending through said lugs for engaging with the box-lid.

3. A box-lid holder comprising a strip of metal having folded portions at one end forming spring-yielding jaws and having a right-angle portion at the opposite end provided with teeth, a lever mounted to swing on the strip of metal and having side portions for engaging against the outer sides of the jaws, and a rod operated by said lever lengthwise of the strip of metal.

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

CARL S. CHRISTIANSON.

Witnesses:
GEO. L. RYNSON,
J. W. HUFF.