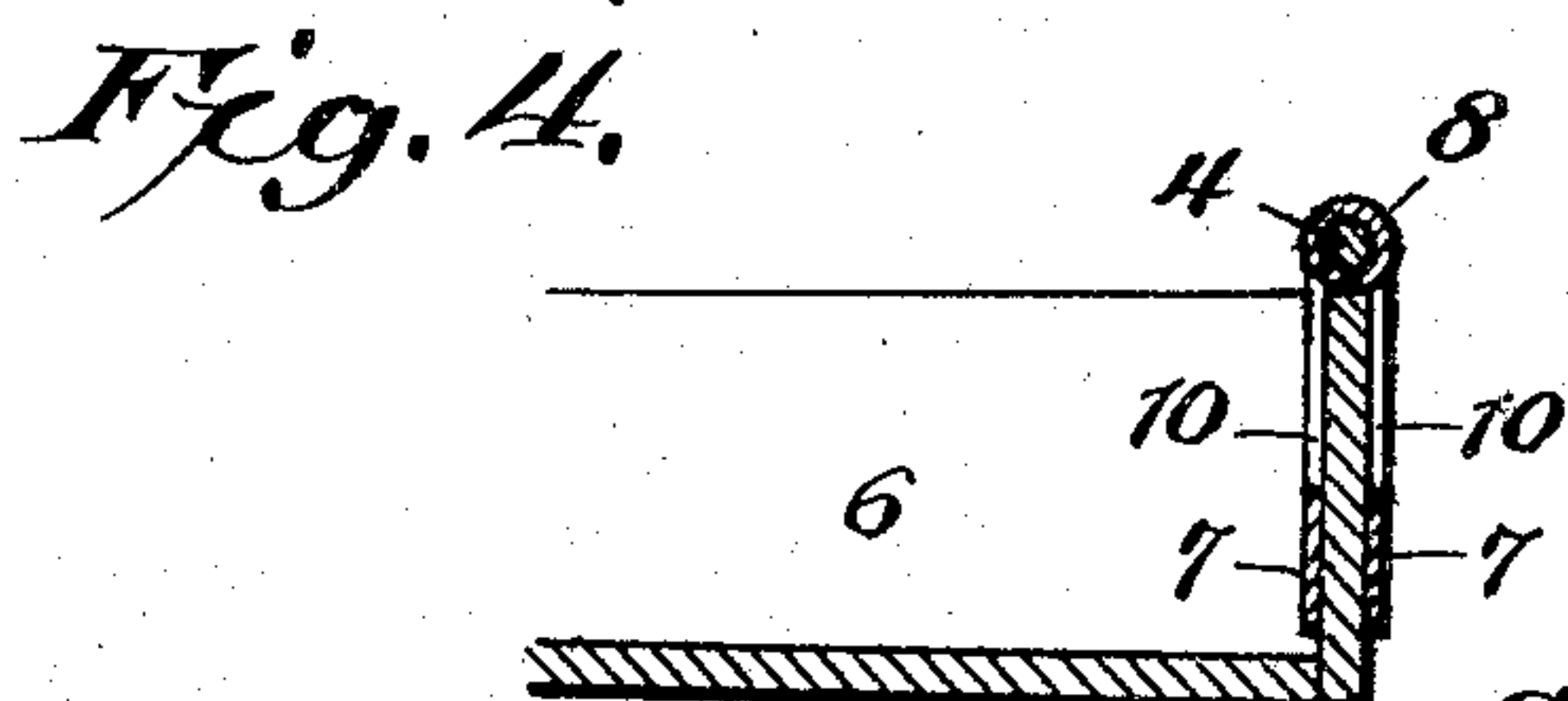
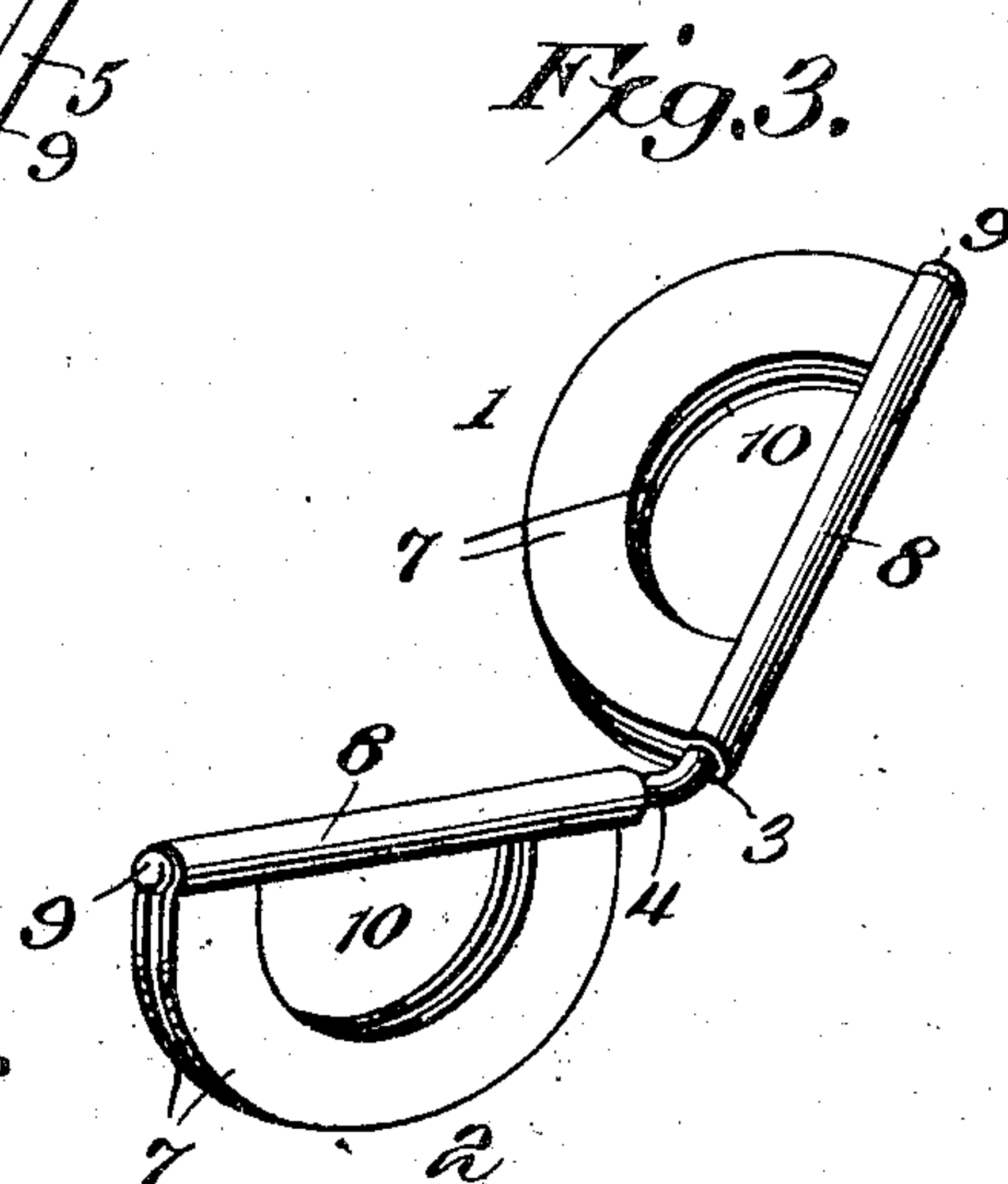
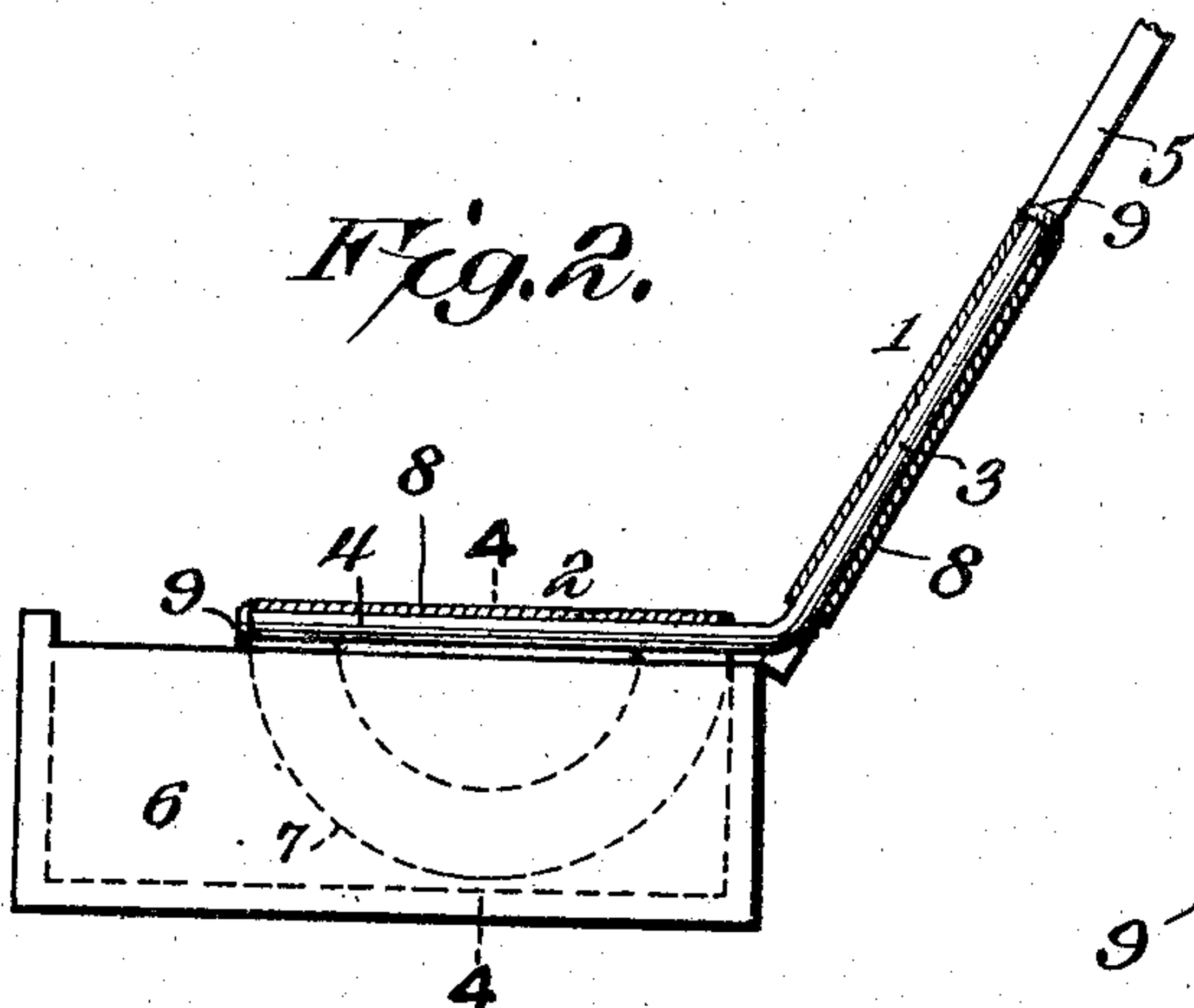
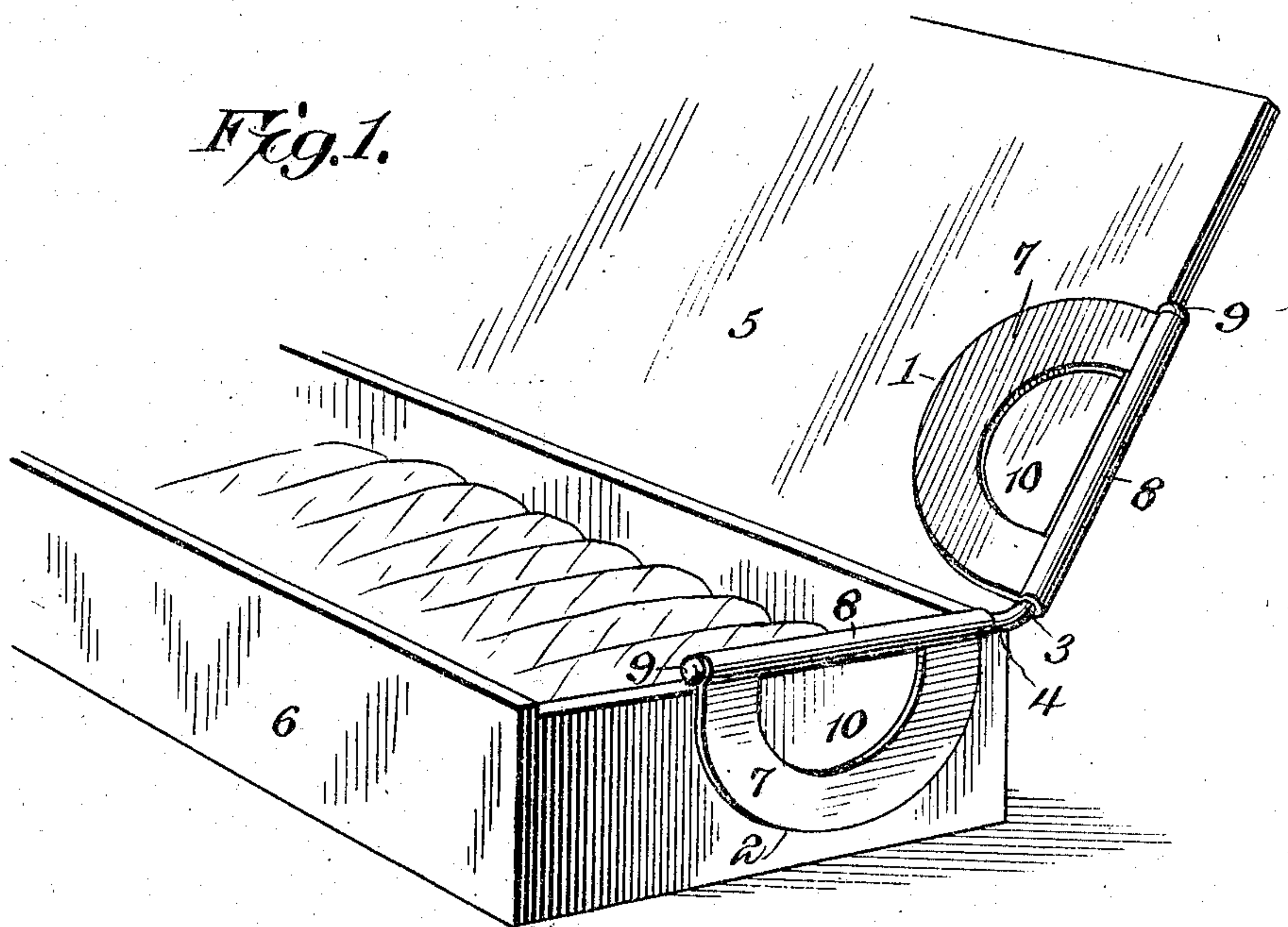


907,919.

Patented Dec. 29, 1908.



Witnesses

Howard D. Orr.  
H. J. Riley

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By

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# UNITED STATES PATENT OFFICE.

CHARLES J. TURNER, OF MONTICELLO, IOWA.

## BOX-LID CLAMP.

No. 907,919.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed April 29, 1908. Serial No. 429,855.

*To all whom it may concern:*

Be it known that I, CHARLES J. TURNER, a citizen of the United States, residing at Monticello, in the county of Jones and State of Iowa, have invented a new and useful Box-Lid Clamp, of which the following is a specification.

The invention relates to improvements in box lid clamps.

10 The object of the present invention is to improve the construction of box lid clamps, and to provide a simple, inexpensive and efficient box lid clamp, designed for use on various sizes and kinds of boxes, such as 15 cigar boxes, cracker boxes and the like, and capable of being readily applied to and removed from a box and adapted to support the lid of the box at the desired inclination for advantageously displaying the brand of 20 a cigar, or other advertising matter on the lid.

A further object of the invention is to provide a box lid clamp of this character, adapted to eliminate the inclined brace 25 often employed in such devices and extending from the upper edge of the box to the lid and often interfering with either the removal of a box from the show case and the replacing of the box in the same.

30 With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims here- 35 to appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing 40 any of the advantages of the invention.

In the drawing:—Figure 1 is a perspective view of a box lid clamp, constructed in accordance with this invention and shown applied to a cigar box. Fig. 2 is an end elevation partly in section. Fig. 3 is a perspective view of the box lid clamp. Fig. 4 is a vertical sectional view taken substantially on the line 4—4 of Fig. 2.

50 Like numerals of reference designate corresponding parts in all the figures of the drawing.

The box lid clamp includes a pair of angularly related clips 1 and 2, connected by angularly disposed pintles 3 and 4 consisting 55 preferably of a rod, bent intermediately of its ends to form two angularly disposed por-

tions. The pintles 3 and 4 are adapted to lie against one of the end edges of the lid 5 of a box 6, and the other pintle lies against the upper edge of the adjacent end of the box 6. 60 The pintle may be arranged at an angle for supporting the lid at any inclination to display the contents of the box and also advertising matter contained on the lid.

Each clip consists of two sides or jaws 7, 65 and a connecting cylindrical portion 8, forming a spring bend and providing an eye for the reception of one of the pintle rods, which is preferably provided at its ends with suitable heads 9 to retain the clips on it. The 70 sides or jaws 7, which are adapted to yieldably clamp the box or the lid, are preferably semi-circular, as shown, and are provided with openings 10 to lighten the construction, but the clips, which may be constructed of 75 any suitable sheet metal, may have their sides strengthened or reinforced by grooving, corrugating, concaving, dishing, or in any other well known manner to stiffen the sides or jaws to adapt the device to the character of 80 the box to which it is to be applied. The clips, which are hingedly connected by the pintle rod, may be of any desired size as the device is applicable to various kinds of boxes, such as cigar boxes, cracker boxes, work 85 boxes, etc., and it may be readily transferred from one box to another. The sides of the clip 1 embrace the end of the lid 5, one of the sides or jaws engaging the front face of the lid, and the other the rear face thereof. The 90 other clip 2 straddles the end of the box, one side of the jaw being arranged on the inner face of the end of the box and the other on the outer face of the same.

As the cylindrical connecting portions or 95 eyes of the clips are arranged contiguous to the edges of the lid and the box, the device does not project materially therefrom, and it enables a box to be readily handled in placing in and removing it from the case. The 100 end of a box to which the device is applied may be grasped with the same facility as the opposite end, and the device will not interfere with the ready removal of the contents of the box. Instead of connecting the clips by 105 means of a pintle rod, a connecting rod polygonal in cross section may be used.

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

1. A box lid clamp including a pair of angularly disposed pintles connected at their ad- 110



5 jacent ends and arranged to lie contiguous to and extend along the upper edge of one end of a box and one end of the lid when the latter is open, and pivotal clips provided with eyes arranged on the pintles and provided with means for engaging the box and the lid.

10 2. A box lid clamp including a pintle rod bent at an intermediate point to provide two angularly related portions arranged to extend along the upper edge of one end of a box and along one end of the lid when the latter is open, and pivotal clips having eyes through which the pintle rod passes.

15 3. A box lid clamp including a pintle rod bent at an intermediate point to provide angularly related portions arranged to extend along the upper edge of one end of a box and one end edge of the lid thereof, and pivotal clips having eyes to receive the pintle rods and provided with jaws for engaging the box and the lid.

20 4. A box lid clamp including a pintle rod having angularly related portions arranged

to extend along the upper edge of one end of a box and one end of the lid thereof, and 25 pivotal clips constructed of sheet metal and consisting of two sides or jaws, and a connecting cylindrical portion forming a spring bend and receiving the pintle rod.

5. A box lid clamp including a connecting 30 rod having angularly related arms or portions arranged to extend along the upper edge of one end of a box and one end of the lid thereof, and a pair of clips pivotally mounted on the angularly related arms or portions of 35 the connecting rod and composed of jaws and connecting bends embracing the connecting rod.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature 40 in the presence of two witnesses.

CHARLES J. TURNER.

Witnesses:

J. J. LOCHER,

THOS. M. REDMOND.