

No. 862,746.

PATENTED AUG. 6, 1907.

H. P. MARTIN.
SERVICE BOX COVER.
APPLICATION FILED MAY 26, 1906.

Fig. 1.

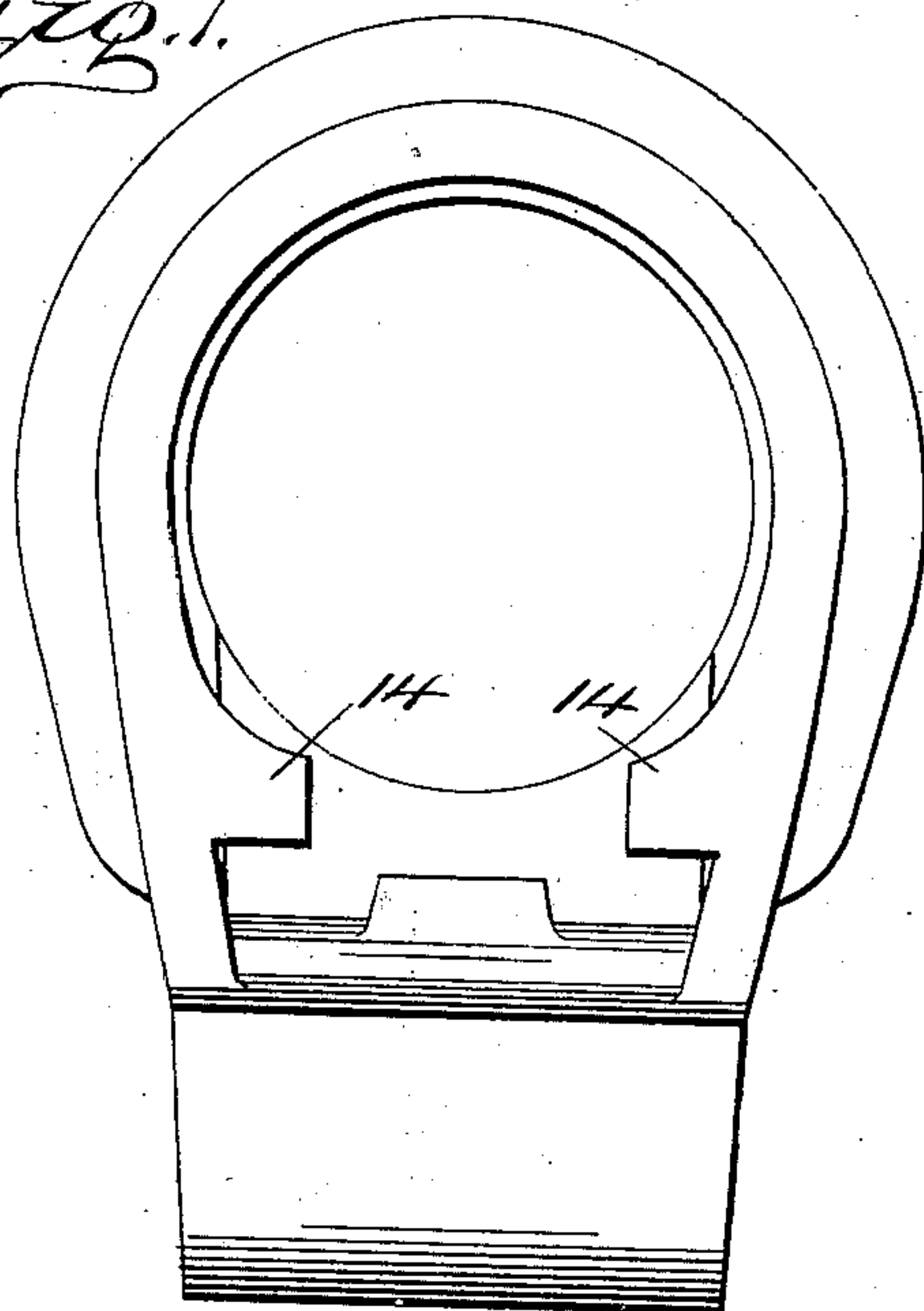
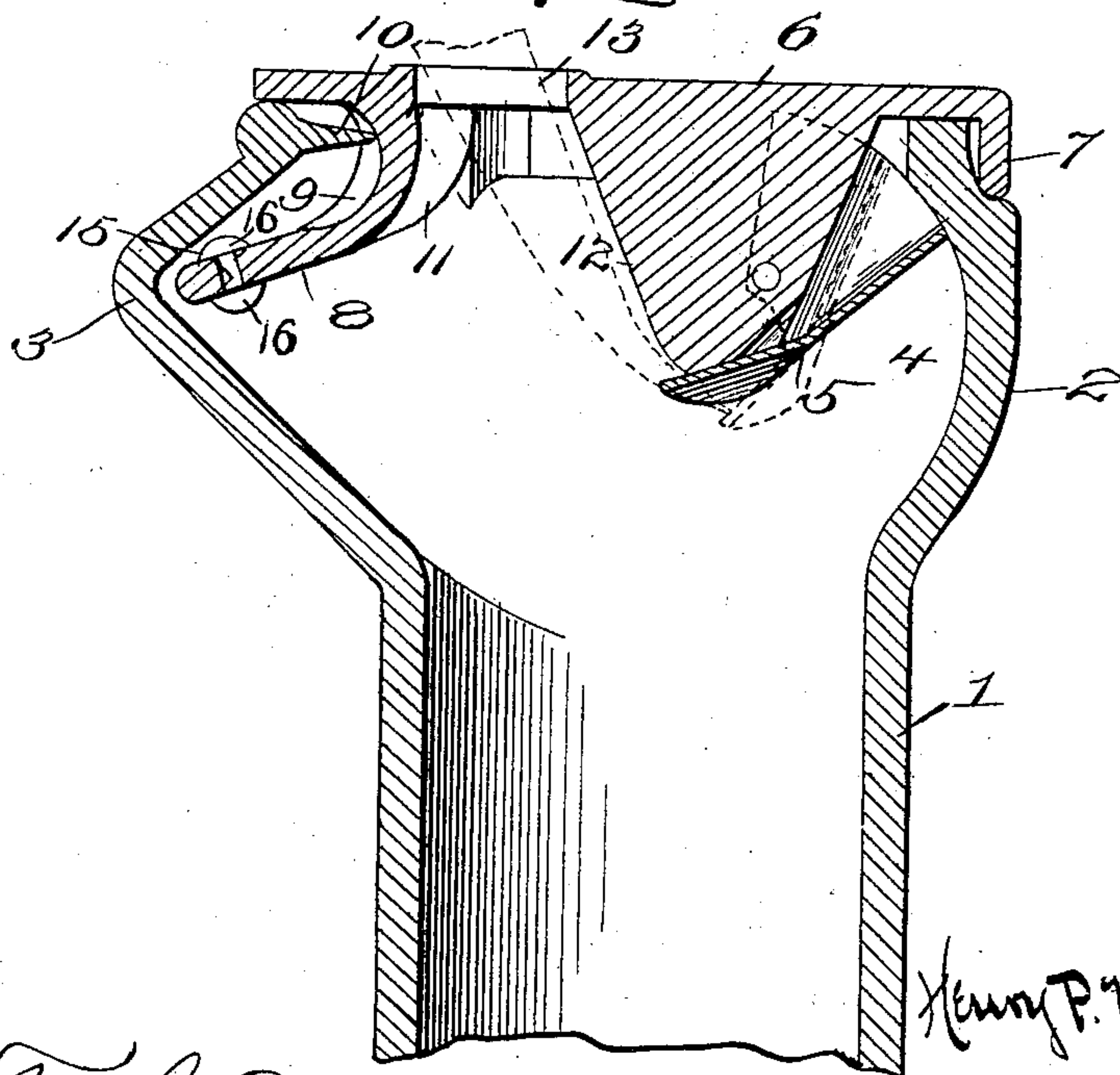


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY PHILLIP MARTIN, OF OWENSBORO, KENTUCKY.

SERVICE-BOX COVER.

No. 862,746.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed May 26, 1906. Serial No. 318,979.

To all whom it may concern:

Be it known that I, HENRY PHILLIP MARTIN, a citizen of the United States, residing at Owensboro, in the county of Daviess and State of Kentucky, have invented certain new and useful Improvements in Service-Box Covers; 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 appertains to make and use the same.

10 This invention relates to improvements in service box covers.

The invention comprises the production of a service box having an enlarged portion on one side thereof, and a cover adapted to be secured to the same.

15 It further comprises the production of a service box having a cover formed with locking means on one side, and a curved extension on the other for acting as a hinge and assisting the locking means in holding the cover in place.

20 The object in view is the production of a service box and cover therefor which does not require the usual hinge and pintle or bolt and nut for holding the same in place.

25 Another object of the invention is the production of a service box having a lid that cannot be removed without breaking or cutting certain parts away.

30 With these and other objects in view, the invention comprises certain novel constructions, combinations and arrangements of parts, as will be hereinafter fully described and claimed.

35 In the drawing:—Figure 1 is a top plan view of a service box embodying the features of my invention, the lid being removed to better disclose the lugs for holding the same in place. Fig. 2 is a vertical section of a service box embodying the features of my invention with the lid secured in place.

40 In the use of service boxes it has been found that the lids are often times left unlocked and as a result harm comes to the mechanism contained therein as well as to the lid itself. The lid also is oft times lost and broken by not being securely held in place at all times. These disadvantages have been in some instances overcome, and it is among the object of the present invention to provide a box and lid therefor which will overcome all these disadvantages.

45 In the preferred embodiment of my invention, a box is formed preferably of cast metal, as 1, having an enlarged portion, as 2, and a projecting portion, as 3. The enlarged portion 2 is formed preferably with a curved contour, as at 4, for readily receiving suitable locking means, as 5, which will normally drop into position when the lid is closed.

50 Secured to the top of the box 1 is a lid 6 which is provided with a rim 7 extending entirely around the same, except at the rear portion thereof that rests upon the upper edge of the portion 3. The lid 6 is provided

with a depending curved lug or extension 8 which has a hollowed out portion, as 9, for accommodating a lug 10 formed on the upper edge of the portion 3. On the side opposite to the portion 9 are suitable braces, as 11, 60 for strengthening the extension 8. On the side opposite the extension 8 is formed a depending lug, as 12, which carries the locking means 5. A suitable aperture or key-hole, as 13, is formed in the lid 6 through which a suitable key may be inserted to operate the locking means 5 and open the box. When the lid 6 is 65 unlocked and opened the extension 8 acts in the capacity of a hinge and travels between the extension 10 formed on the portion 3, and lugs 14 formed on the portion 3 of the box 1. The lug 10 is positioned centrally of the portion 3 and is adapted to operate within the hollowed out portion 9 of the extension 8. When the lid 6 is opened the extension 8, traveling between the extension 10, and the lugs 14—14, is revolved until the head of a pin 15, which is secured in the extension 75 8, comes in contact with the extension 10. The pin 15 is inserted after the lid 6 has been put in position, but before the same has been closed and then the outer ends, as 16, swaged to secure the same in place. When the lid has been raised to its outermost position the 80 inner portion of the pin 15 will engage the extension 10 and limit the movement of the cover and the outer surface of each edge of the extension 8 will rest against the lugs 14—14 on the enlarged portion 2. By thus forming the lug with an extension, as 8, the projecting 85 lugs, as 14—14 and 10, for acting in the nature of a hinge which will always hold the lid in operative position and will prevent the removal of the lid until something is broken or cut away, a lid is produced which overcomes the objection to many of the lids at 90 present on the market, and also produces an article that will not readily get out of order. The provision also of an automatic lock which will operate when the lid is closed in combination with the extension 8, and means for holding the same in place produces a lid 95 that is superior in many ways to those commonly used.

By providing a lid with its securing means and the particular arrangement in which they are placed, it is believed produces a lid that has many advantages which have not been yet attained in the art. 100

What I claim is:—

1. A service box, embodying an open upper end, lugs formed upon opposite sides of the opening and directed toward each other, and defining an interval between said lugs and the side of the opening, a cover member having 105 a tongue proportioned to be inserted within the interval, and means carried by the tongue adapted to limit the movement of the cover member.

2. A service box provided with an enlarged upper open end, spaced lugs formed upon opposite sides and directed toward each other, and defining an interval between such lugs and the side, a lug projected from the side between the spaced lugs, a cover member proportioned to close the open 110 outer end, a tongue formed upon the cover member and

adapted to be inserted in the interval, and means carried by the tongue for engaging the single lug to limit the movement of the cover.

- 5 3. A service box provided with an enlarged upper open end, lugs formed upon the interior of the open end and directed toward each other, and defining an interval between such lugs and the side, a single lug formed upon the side and projected toward the interval between the spaced lugs, a cover member proportioned to close the open
10 end of the box, a tongue formed upon the cover and provided with a concavity proportioned to receive the single

lug and with its edges proportioned for movement in the interval between the spaced lugs and the sides, and means carried adjacent the extremity of the tongue and positioned to contact with the single lug when the cover is opened. 15

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

HENRY PHILLIP MARTIN.

Witnesses:

E. F. WHITE,
ALVIN BERRY.