

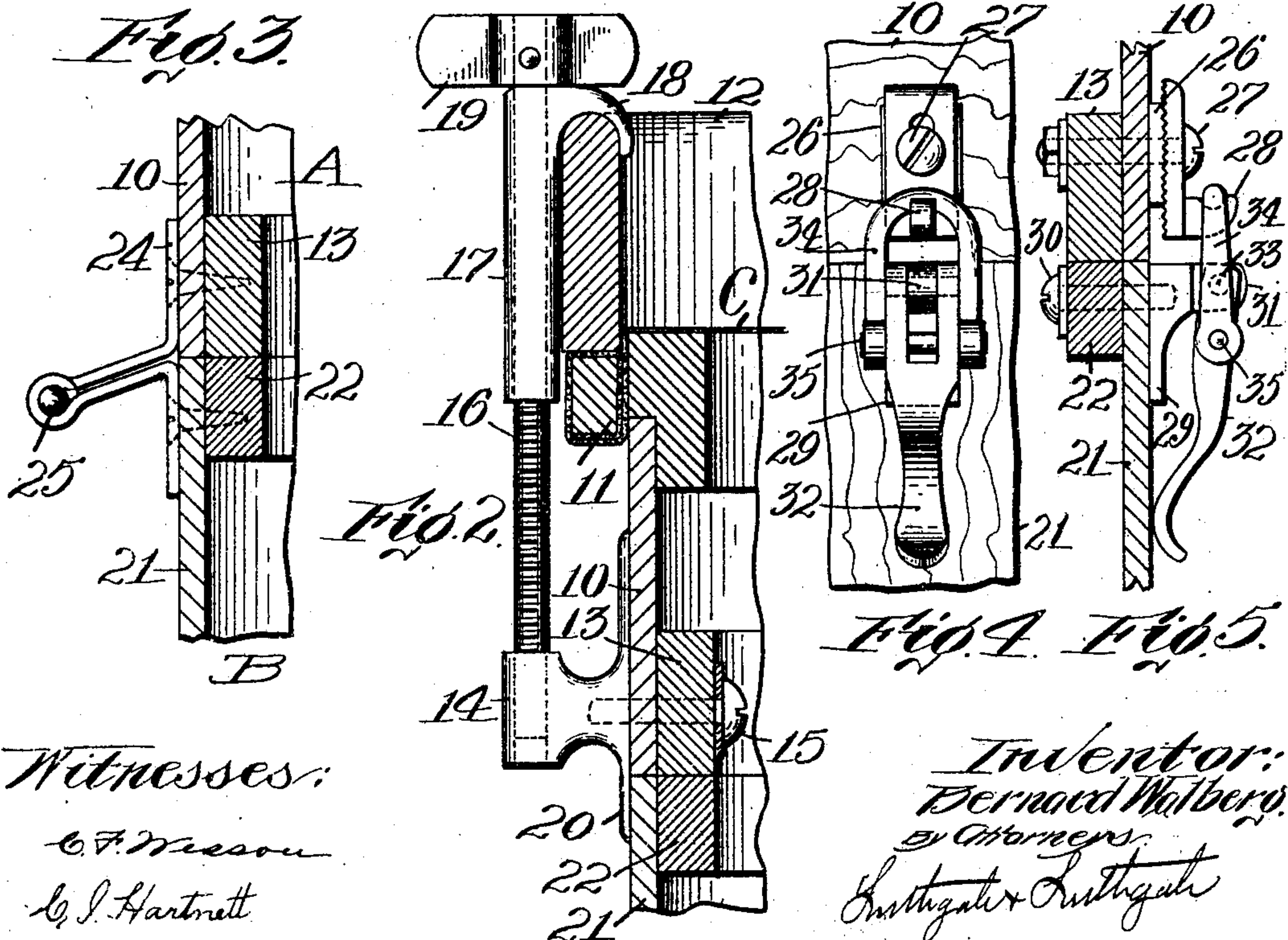
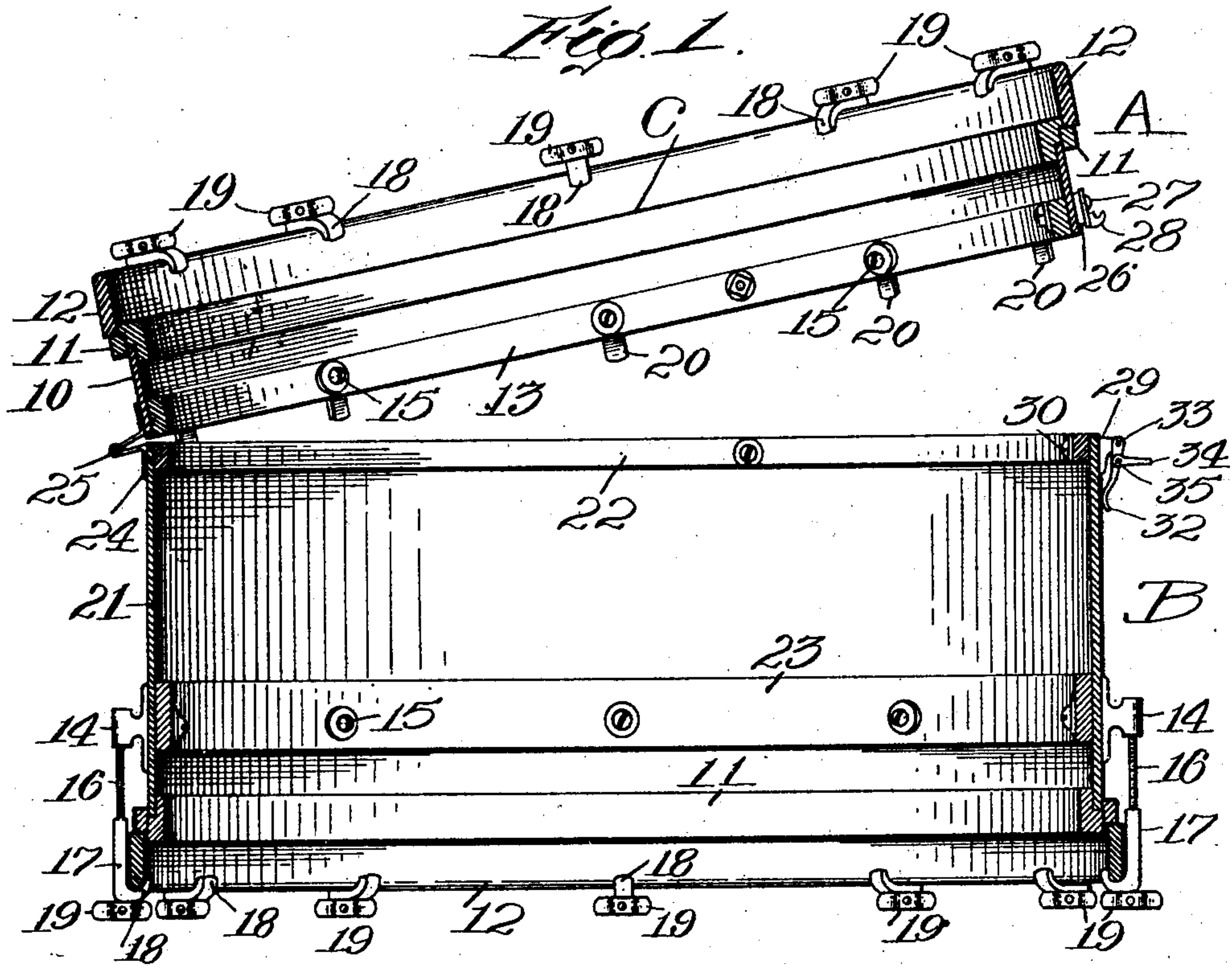
B. WALBERG.

DRUM.

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929,175.

Patented July 27, 1909.



Witnesses:

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UNITED STATES PATENT OFFICE.

BERNARD WALBERG, OF WORCESTER, MASSACHUSETTS.

DRUM.

No. 929,175.

Specification of Letters Patent.

Patented July 27, 1909.

Application filed October 17, 1908. Serial No. 458,299.

To all whom it may concern:

Be it known that I, BERNARD WALBERG, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Drum, of which the following is a specification.

The object of this invention is to provide a new and improved drum, the inside space of which can be used for carrying or storage purposes.

The invention is particularly adapted to a bass-drum so that a musician can utilize the inside thereof to carry a snare drum, music rolls, and other articles.

The invention is practiced by making the drum in two sections connected together by a hinge, so that one section can be lifted like the cover attached to a box to get at the interior of the drum. Means also are provided so that the two parts will be rigidly and securely locked in position when the drum is to be used or when the same is to be carried.

The invention is shown in the accompanying sheet of drawings, referring to which,

Figure 1 is a sectional elevation showing a bass-drum constructed to embody my invention; Fig. 2 is a sectional view on an enlarged scale illustrating the construction of one of the head clamps which are additionally employed to keep the two sections of the drum in position; Fig. 3 is a similar view of the hinge between the two sections of the drum; and Figs. 4 and 5 are a front and side elevation respectively of one of the clamps employed for drawing the two sections of the drum tightly together.

Referring to the drawing in detail, it will be seen that the drum is cut into two sections A and B, the section A being preferably made smaller than the section B, so that the section A practically forms a box-like cover for the entire drum.

The section A comprises a cylindrical body portion 10, fitted to which is a hoop 11 around which the edge of the skin or head C is turned. An end-ring 12 engages and bears on the hoop 11. A ring or hoop 13 is secured inside the lower edge of the cylindrical body portion. A plurality of brackets 14 is secured to the cylindrical body portion 10 by screws 15 which pass through the ring or hoop 13, washers being preferably placed under the heads of the screws. Each bracket 14 is tapped, and threaded into the same is an adjusting screw 16 which fits

loosely in a clasp 17 having an ear 18 engaging the end-ring 12. A head or knob 19 is secured on the end of each adjusting screw 16, whereby by turning said heads or knobs 19 the tension of the skin or head C can be adjusted.

The brackets 14 are provided with ears or feet 20 which extend down below the lower edge of the section A of the drum, and thereby serve to keep the two sections of the drum accurately centered.

The lower section of the drum consists of a cylindrical body portion 21, secured in the inside upper edge of which is a ring 22. Another ring 23 is secured part-way down in the body portion. This lower portion B of the drum is provided with a hoop 11, end-ring 12, brackets 14, screws 15, adjusting screw 16, having heads or knobs 19, clamp 17 with ears 18, corresponding with the similarly numbered parts on the upper portion A of the drum, except that the brackets 14 used on the lower portion of the drum are secured to the ring 23.

The two sections of the drum are pivoted or hinged together by a hinge 24 secured to the rings 13 and 22. This hinge has its butts extended so that the pintle 25 thereof comes out a considerable distance from the body of the drum, so that the top section A will turn up readily from the lower section B.

A plurality of clamps or locks is provided to hold the two sections of the drum together. Each of these locks consists of a block 26 having serrations or saw-teeth, and held to the body portion 10 by a screw 27 threaded through the ring 13. Engaging the block 26 is a hook 28 which is serrated on its back surface to fit the serrations on the block 26, and which is slotted so that the screw 27 can pass through the same.

By loosening the screw 27 the position of the hook 28 on the block 26 can be adjusted, and therefore, the action of the clamp can be regulated. The other member of the clamp consists of a block 29 secured to the ring 22 by a screw 30. The block 29 is provided with an ear 31. A yoked locking or snap lever 32 is fitted to the ear 31 and pivoted thereto by a pin 33. A clasp or loop 34 for engaging the hook 28 is pivoted to the locking lever by a pin 35. The pins 33 and 35 are arranged in such a relative position that the locking lever 32 and clasp 34 have a toggle action, so that when the clasp

34 is snapped over the hook 28, by pushing the lever 32 downward, the pin 35 is pulled down around the pin 33 and securely draws the two sections of the drum together.

5 These two parts are also arranged so that when the locking lever is moved downward, the center of the pin 35 is brought slightly inside the pin 33, so that the pull of the two parts keeps the lock in position. By this
10 arrangement an efficient and simple means is provided for securely locking the two sections of the drum together.

When it is desired to open the drum to utilize its inside space, the locking levers 32
15 are simply lifted upward and then the upper portion A of the drum is turned on the hinge to open the drum like a box. By this arrangement a very convenient arrangement is provided so that the musician can
20 carry his paraphernalia inside the drum.

The details and arrangements herein shown and described may be greatly varied by a skilled mechanic without departing from the scope of my invention as expressed
25 in the claims.

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

30 1. A drum formed in two sections pivotally secured together.

2. A drum formed in two sections pivotally secured together, the pivot being set outside of the sections.

35 3. A drum formed in two sections, one section having guiding means so that the two sections will come concentrically to-

gether when closed one on the other, and a hinge connecting said sections, the pivot of said hinge being arranged outside.

4. A drum formed in two sections pivoted together and clamps for securing the sections together. 40

5. A drum formed in two sections pivoted together, and adjustable clamps for securing the two sections together. 45

6. A drum formed in two sections pivotally secured together and clamps on the upper section for stretching the head, said clamps having feet projecting downwardly from the head to center the sections. 50

7. A drum formed in two sections pivoted together, and clamps for securing the two sections together, each of said clamps comprising a hook on one part of the drum, a clasp and a lever operating the same with a toggle action on the other part of the drum. 55

8. A drum formed in two sections pivoted together and clamps for securing the two sections together, each of said clamps comprising an adjustable hook on one part of the drum, a locking lever pivoted to the other part of the drum, and a clasp pivoted to the locking lever, the locking lever, clasp, and pivots being arranged so that a toggle locking action is obtained. 60

In testimony whereof I have hereunto set my hand, in the presence of two subscribing witnesses. 65

BERNARD WALBERG.

Witnesses:

LOUIS W. SOUTHGATE,
C. FORREST WESSON.