

No. 633,488.

Patented Sept. 19, 1899.

C. E. REED.
ATTACHMENT FOR BASS DRUMS.

(Application filed Dec. 19, 1898.)

(No Model.)

FIG. 1.

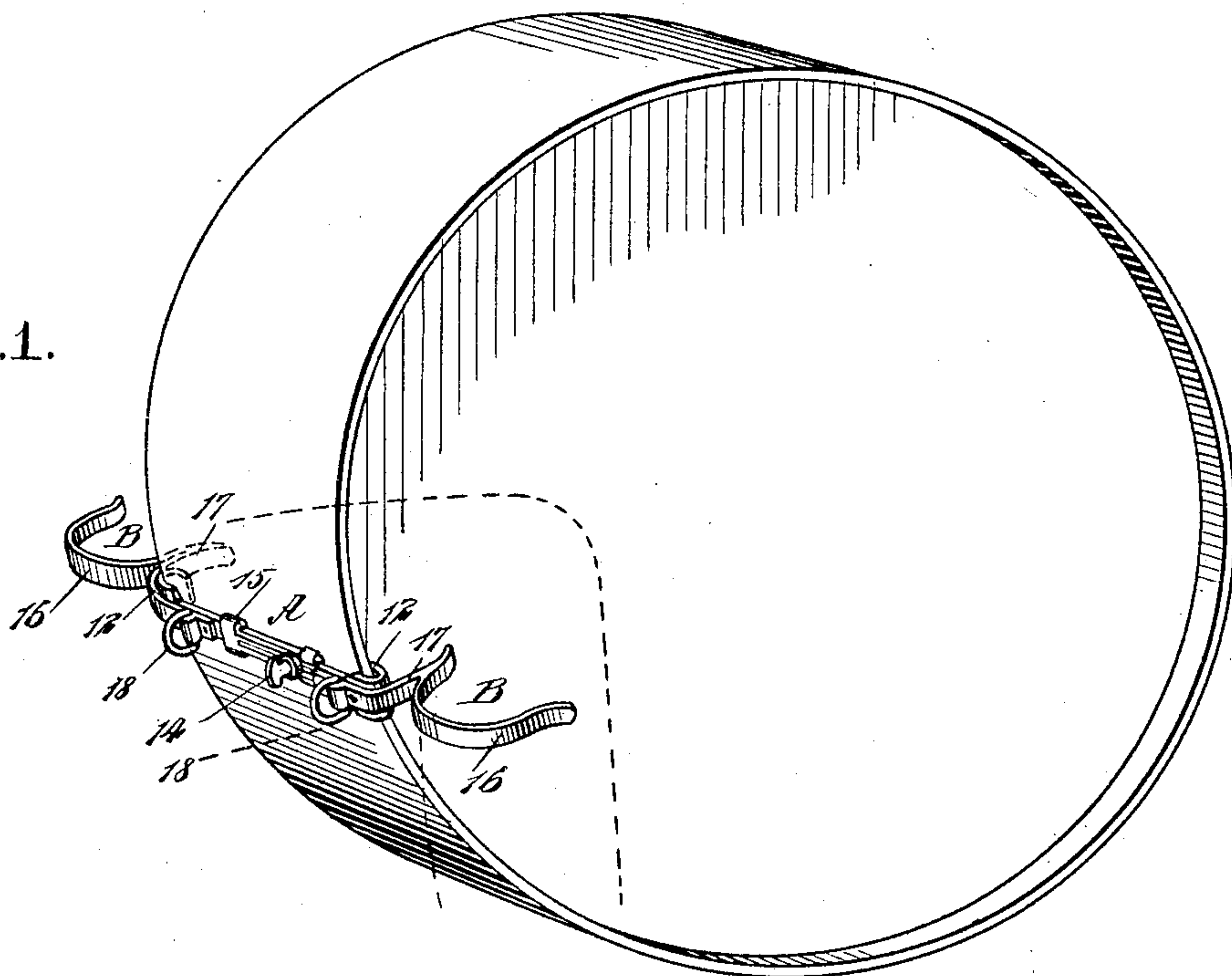


FIG. 2.

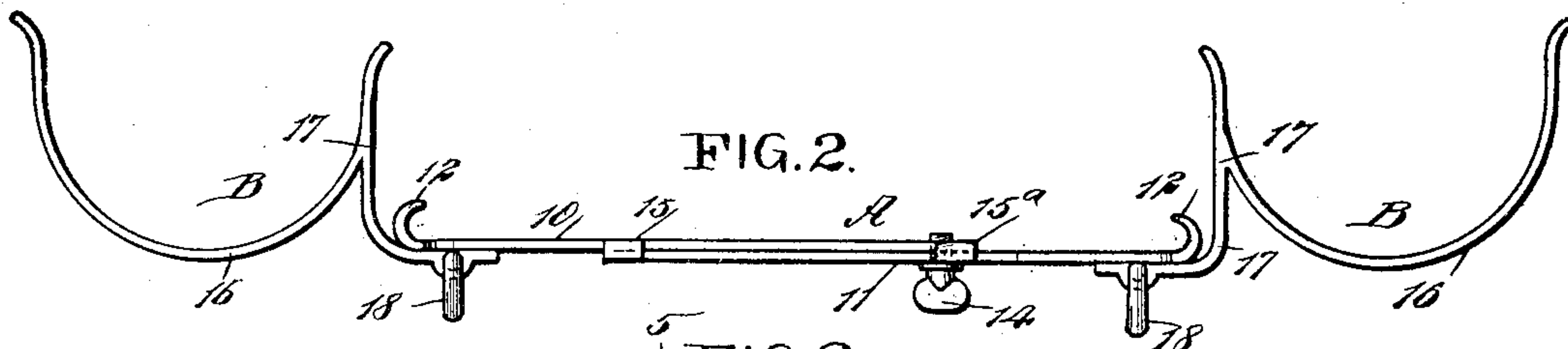


FIG. 3.

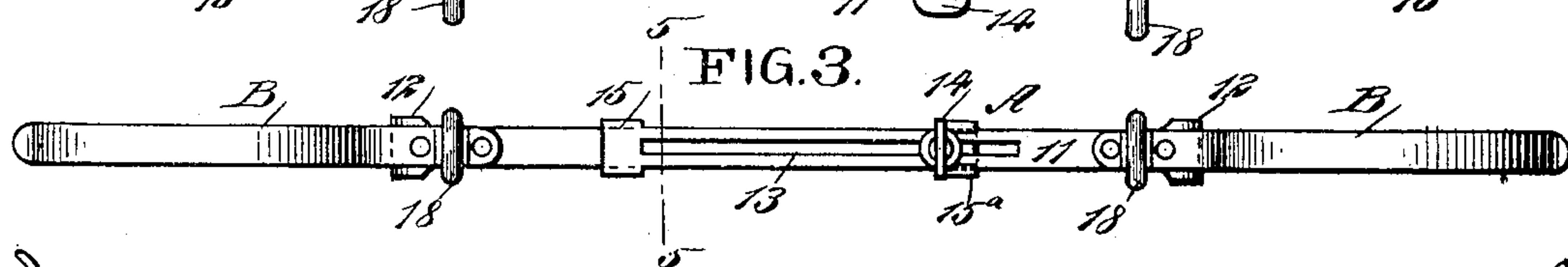
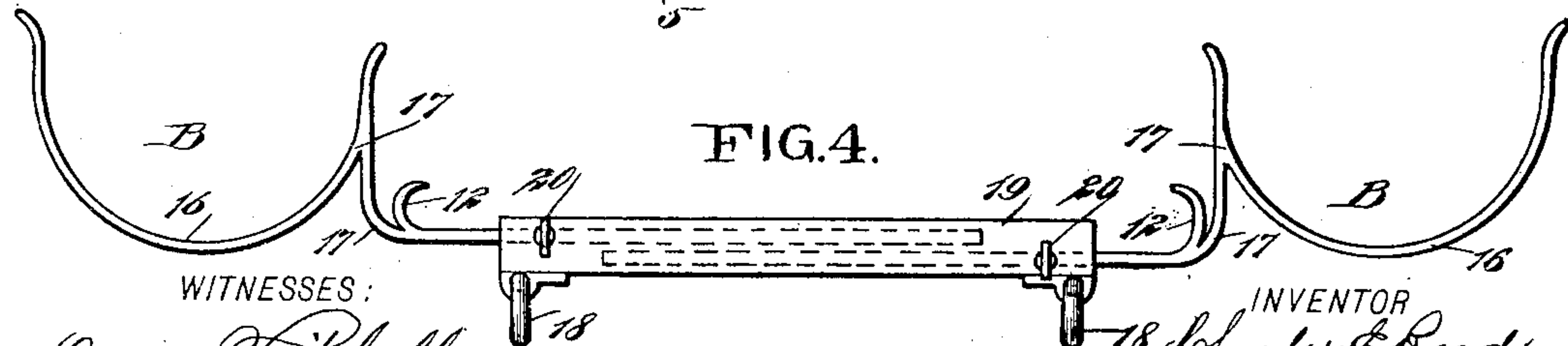


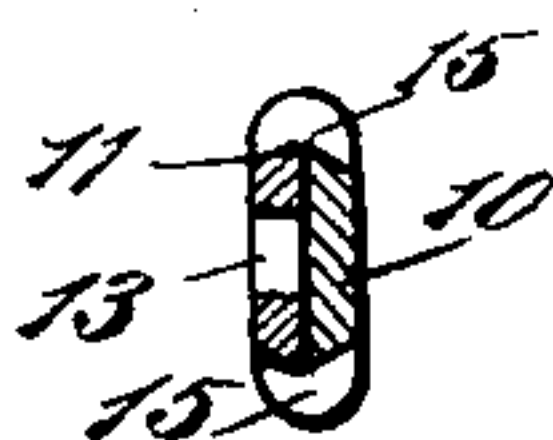
FIG. 4.



WITNESSES:

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FIG. 5.



INVENTOR

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UNITED STATES PATENT OFFICE.

CHARLES EVERETT REED, OF ELMWOOD, ILLINOIS.

ATTACHMENT FOR BASS-DRUMS.

SPECIFICATION forming part of Letters Patent No. 633,488, dated September 19, 1899.

Application filed December 19, 1898. Serial No. 699,723. (No model.)

To all whom it may concern:

Be it known that I, CHARLES EVERETT REED, of Elmwood, in the county of Peoria and State of Illinois, have invented a new and
5 useful Attachment to Bass-Drums, of which the following is a full, clear, and exact description.

The object of my invention is to provide a device adapted for attachment to bass-drums
10 and which will effectually prevent the drum from creeping while in use and when placed upon the floor or other support.

Another object of the invention is to so construct the device that it need not be removed
15 from the drum when said drum is used upon a march.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth,
20 and pointed out in the 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.

25 Figure 1 is a perspective view of a bass-drum to which the attachment is applied. Fig. 2 is a plan view of the attachment. Fig. 3 is a front elevation thereof. Fig. 4 is a plan view of a slightly-modified form of the attachment, and Fig. 5 is a transverse section taken
30 substantially on the line 5 5 of Fig. 3.

The body A of the device is made preferably in two parts 10 and 11, one part being arranged to slide upon the other, so that the
35 body may be lengthened or shortened to accommodate itself to the width of the frame of the drum to which it is to be applied. Each member 10 and 11 of the body terminates at its outer end in a clamp 12, the clamps being
40 of hook shape or of such shape that they may be tightly or snugly engaged with the rim of the frame of the drum. One member of the body, usually the outer member 11, is provided with a longitudinal slot 13, as shown
45 in Fig. 3, and a set-screw 14 is passed through the slot 13 to an engagement with the inner end portion of the opposing member 10 of the body, as shown in Figs. 1, 2, and 3. The members of the body are prevented from
50 shifting laterally or vertically upon one another where the inner ends of the members

10 and 11 engage by forming guides 15 and 15^a, respectively, upon the inner ends of the members. One of said guides is shown in detail in Fig. 5 and consists of projections
55 from the side edges of the members and having a dovetail space between them, and the longitudinal edges of the members 10 and 11 of the body are beveled, so that they may readily slide in the said guides. It is there-
60 fore obvious that the body may be adjusted endwise expeditiously and conveniently and that when the set-screw 14 is screwed to place the said screw and the guides 15 and 15^a will cause the two members of the body to be con-
65 nected as rigidly as though the body were made from one piece of material.

A gripping-arm B is located at each end of the body A, outside of the clamps 12. These gripping-arms may be made of any suitable
70 material or any cross-sectional shape—as, for example, wire or a strip of metal may be utilized or the arms may be castings—and the clamping-arms each comprise a body 16, having one of its faces concaved, and the con-
75 caved faces of the gripping-arms are adapted to engage with the rear portion of the legs of the drummer slightly below the knee, as indicated in dotted lines in Fig. 1. The body portion 16 of each gripping-arm is provided
80 with a lateral angular extension 17 at its inner portion, and these extensions 17 are secured to the outer faces of the members of the body by means of rivets or equivalent devices, or the extensions 17 of the gripping-
85 arms may constitute an integral portion of the members of the body, as shown in Fig. 4. Rings 18 are attached to the outer faces of the members of the body, near their outer ends, the said rings being adapted to receive
90 the strap usually employed for supporting the drum on the person of the drummer during a march.

In Fig. 4 I have illustrated a slight modification in the construction of the device in
95 that the guide 15 is omitted and the single set-screw 14, and likewise the slot 13 in the body member 11. The two members 10 and 11 of the body, however, slide upon one another, as in the form of the device shown in
100 Figs. 1, 2, and 3; but both members have end movement in a sleeve 19 of suitable length,

to which sleeve the rings 18 are attached, and the members of the body are held in adjusted position through the medium of two set-screws 20, passed through the sleeve, one to
 5 an engagement with each member of the body, so that either member may be adjusted separately and secured in adjusted position.

When applying the device to a drum, the body portion is lengthened until the clamps
 10 12 may engage with and receive the rim of the frame of the drum, as shown in Fig. 1. The members of the body are then adjusted inward until the clamps firmly engage with the said rim of the drum, at which time the
 15 locking devices for the body members are applied. The gripping-arms when the device is applied to a drum extend out beyond each head and occupy such a position that when the drum is placed upon the floor or a stage
 20 and the drummer is seated the gripping-arms engage with the rear of the limbs below the knee, thus effectually preventing the drum from creeping while being operated upon. It is evident that the gripping-arms will not in-
 25 terfere in any manner with the use of a drum while on the march and that the attachment need not be removed from the drum unless for purposes of repair, cleaning, &c.

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

1. An attachment for drums, consisting of a body formed in sections fitted to slide one upon the other, each section being provided
 35 with a gripping-arm adapted to be engaged by a leg of the drummer, and a hook-shaped clamp on each section, the said clamps lying

between the gripping-arms, as and for the purpose set forth.

2. An attachment for drums, consisting of 40 gripping-arms adapted to receive the legs of a drummer, the gripping-arms extending beyond the heads of a drum when the body is attached to the rim thereof, and means for attaching said arms to the rim of the drum, 45 as set forth.

3. An attachment for drums, consisting of an adjustable body, and gripping-arms lo- 50 cated at the end portions of said body and extending beyond the heads of a drum when the body is attached to the rim thereof, as set forth.

4. An attachment for drums consisting of a body constructed in adjustable sections, 55 locking devices for the sections of the body, clamps carried by the members of the body, and gripping-arms likewise carried by the members of the body, the gripping-arms being outside of the clamps, as and for the pur- 60 pose set forth.

5. An attachment for drums, consisting of a body constructed in adjustable sections, 65 guides and locking devices for the said sections, a clamp located at the outer end of each body-section, and gripping-arms extend- ing outward beyond the clamps, being at- 65 tached to the body-sections, and means, substantially as described, for connecting a strap with the device, for the purpose set forth.

CHARLES EVERETT REED.

Witnesses:

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 CHARLES EMANUEL HOFFMAN.