No. 772,743. PATENTED OCT. 18, 1904.

H. OSCHATZ.

MEANS FOR SECURING HEADS OF DRUMS, TAMBOURINES, RACKETS, OR THE LIKE IN POSITION.

APPLICATION FILED FEB. 23, 1904.

NO MODEL.

Fig. 1.

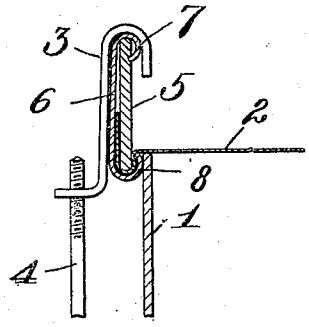
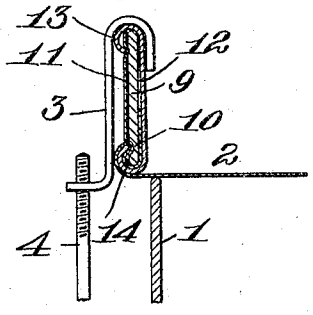


Fig. 2.



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UNITED STATES PATENT OFFICE.

HERMANN OSCHATZ, OF FLOERSGEHOFEN, NEAR ERFURT, GERMANY.

MEANS FOR SECURING HEADS OF DRUMS, TAMBOURINES, RACKETS, OR THE LIKE IN POSITION.

SPECIFICATION forming part of Letters Patent No. 772,743, dated October 18, 1904.

Application filed February 23, 1904. Serial No. 194,862. (No model.)

To all whom it may concern:

Be it known that I, HERMANN OSCHATZ, factory manager, a subject of the King of Prussia, Emperor of Germany, residing at Floersgehofen, near Erfurt, in the Kingdom of Prussia and German Empire, have invented certain new and useful Improvements in Means for Securing Heads of Drums, Tambourines, Rackets, and the Like in Position, of which the following is a specification.

This invention relates to means for securing and tightening heads of drums of all kinds, tambourines, rackets, and more especially toy drums.

The invention aims to overcome the wrapping of the head around the stretching-ring, which detracts from the appearance of the drum or the like, and also requires the employing of heads of much greater diameter than the body to which the head is to be attached, thereby increasing the cost of the drum or the like, and such objection is overcome by a means constructed in accordance with this invention for securing and tightening heads on drum-bodies of all kinds, tambourines, rackets, and the like.

The invention further aims to provide a means for securing and tightening heads on drum-bodies of all kinds, tambourines, rackets, and especially toy drums, which shall be simple in its construction and arrangement, strong, durable, efficient in its use, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel combination and arrangement of parts hereinafter more specifically described, illustrated in the accompanying drawings, and particularly pointed out in the claims hereunto appended.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, wherein like reference characters denote corresponding parts throughout the several views, and in which—

Figure 1 is a sectional elevation of a device constructed in accordance with this invention for securing heads of drums, tambourines, and the like in position; and Fig. 2 is a similar view of a modified form.

In the drawings, 1 denotes the portion of the drum-body; 2, the drum-head, which may be of parchment or metal or constructed of any suitable material. 3 denotes a clamp, and 4 a tightening-screw for the clamp.

Referring to Fig. 1 of the drawings, 5 denotes an insertion-ring, which is secured within a stretching-ring 6, the clamp 3 being adapted to engage the top of the stretching-ring 6. The stretching-ring 6 is bent downwardly and inwardly at its upper end, so as to form a retaining-bead 7, and is also bent upwardly and inwardly at its lower end, so as to form a retaining-bead 8. The beads 7 and 8 are adapted to retain the insertion-ring 5 within the stretching-ring 6.

Referring to Fig. 2 of the drawings, 9 denotes an insertion-ring having its outer face provided with a groove 10 and has its outer face also provided with an ornamented strip 11 of any suitable material, the strip 11 conforming in contour to the outer face of the insertion-ring 9. The latter is secured within a stretching-ring 12, over which extends the clamp 3. The upper end of the stretching-ring 12 is bent downwardly and inwardly, as at 13, to form a retaining-bead, and the lower end of said stretching-ring 12 is bent upwardly and inwardly to form a retaining-bead 14. The beads 13 14 retain the insertion-ring 9 within the stretching-ring 12.

In building up a drum in accordance with the construction shown in Fig. 1 the margin of the drum-head 2 is placed under the insertion-ring 5 so that the outer edge of the head 2 is outside the insertion-ring 5. The stretching-ring 7 is placed over the insertion-ring 5 and the beadings 7 8 are formed, so that the insertion-ring 5 and the drum-head 2 are clamped between the inner wall of the stretching-ring 6 and the ring 5, thereby securing the drum-head to the stretching and insertion rings. The tightening-screw 4 is then adjusted, elevating and lowering the stretching-ring as is necessary.

In the construction shown in Fig. 2 the stretching-ring 12, with its beadings 13 and

14, is bent outwardly, and therefore it is necessary that the drum-head 2 be drawn over the beading 14 and then brought against the inner face of the insertion-ring, as shown. Of course when the margin of the drum-head is brought against the inner face of the insertion-ring 9 it is carried around the lower edge of said insertion-ring 9, and by such an arrangement it is evident that the drum-head is securely connected to the stretching-ring.

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

1. Means for securing and tightening the heads on drum-bodies, consisting in combination with a drum-head, of a stretching-ring having the top and bottom thereof bent to form retaining-beads, said ring at the bottom thereof adapted to receive the marginal part of the drum-head, and an insertion-ring mounted within said stretching-ring and adapted to clamp the marginal part of the drum-head within the stretching-ring, combined with means for adjustably securing said stretching-ring in position.

2. A device for securing and tightening heads on drum-bodies consisting, in combination with the drum-head, of a stretching-ring adapted to receive the marginal part of the drum-head, and an insertion-ring suitably connected with said stretching-ring and adapted to clamp the marginal part of the drum-head to the stretching-ring, combined with means for adjustably securing said stretching-ring in position.

3. Means for securing and tightening heads on drum-bodies, consisting in combination with a drum-head, of a stretching-ring having the top and bottom thereof bent to form retaining-beads, said ring at the bottom thereof adapted to receive the marginal part of the drum-head, and an insertion-ring mounted within said stretching-ring and adapted to clamp the marginal part of the drum-head within the stretching-ring.

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

HERMANN OSCHATZ.

Witnesses:

ERNST EBERHARDT,

OTTO HEUER.