

No. 804,347.

PATENTED NOV. 14, 1905.

W. J. F. SCHULTZ.

DRUM.

APPLICATION FILED JULY 10, 1905.

Fig. 1.

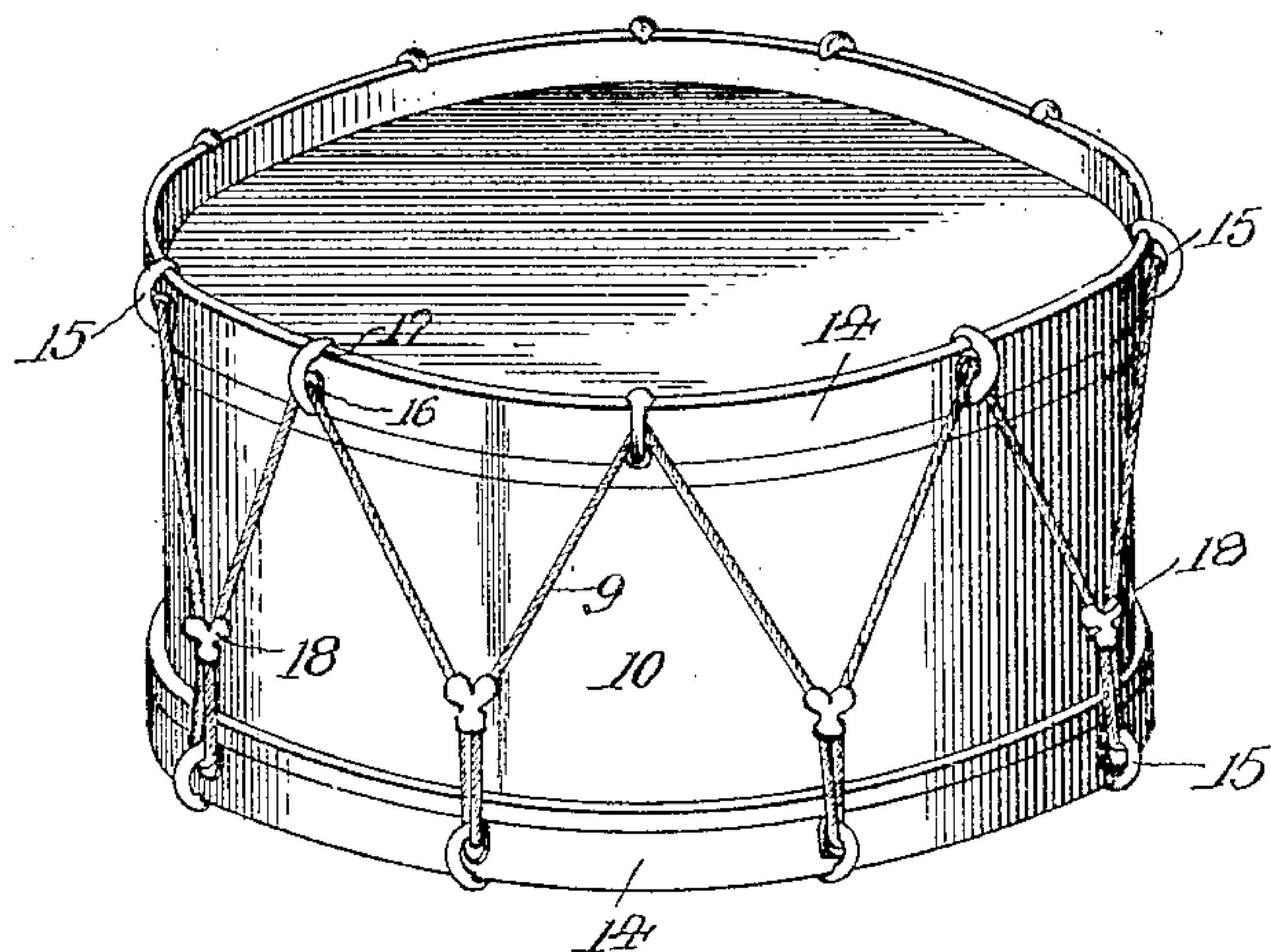
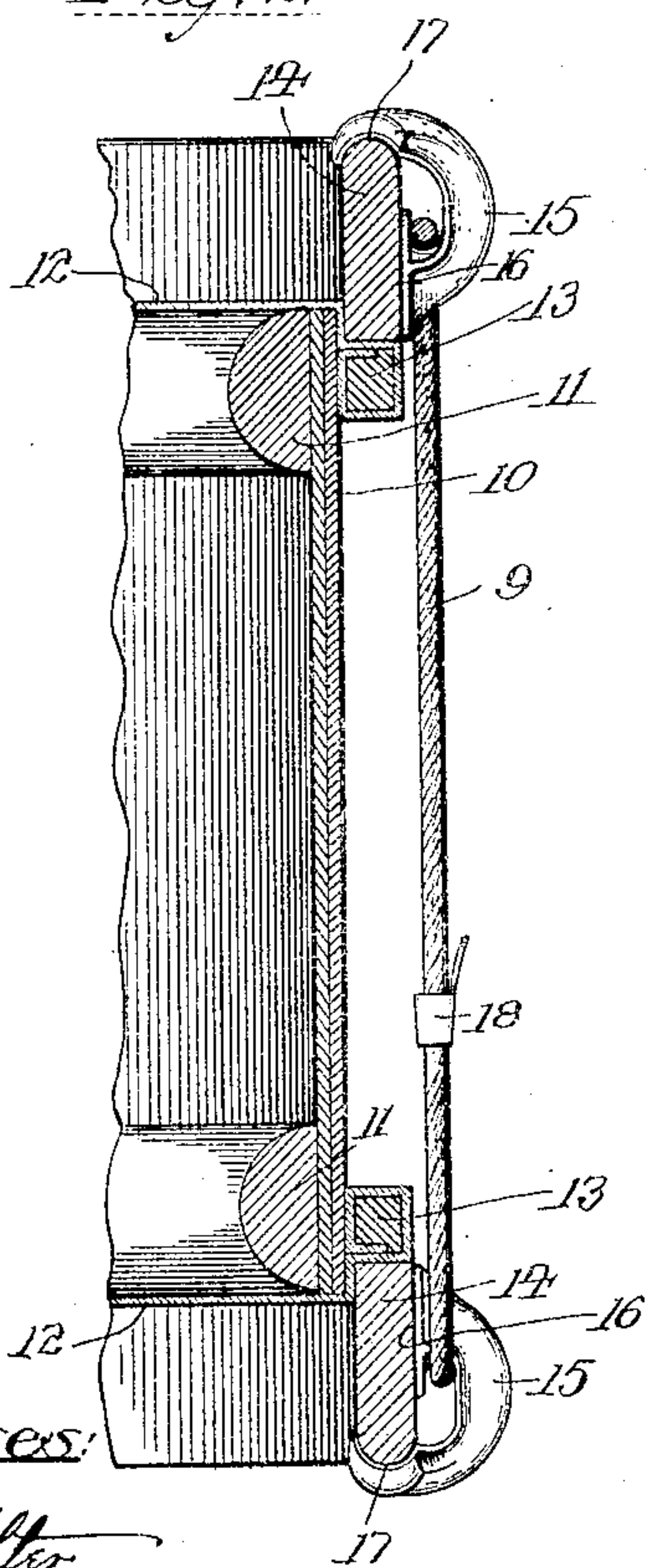


Fig. 2.

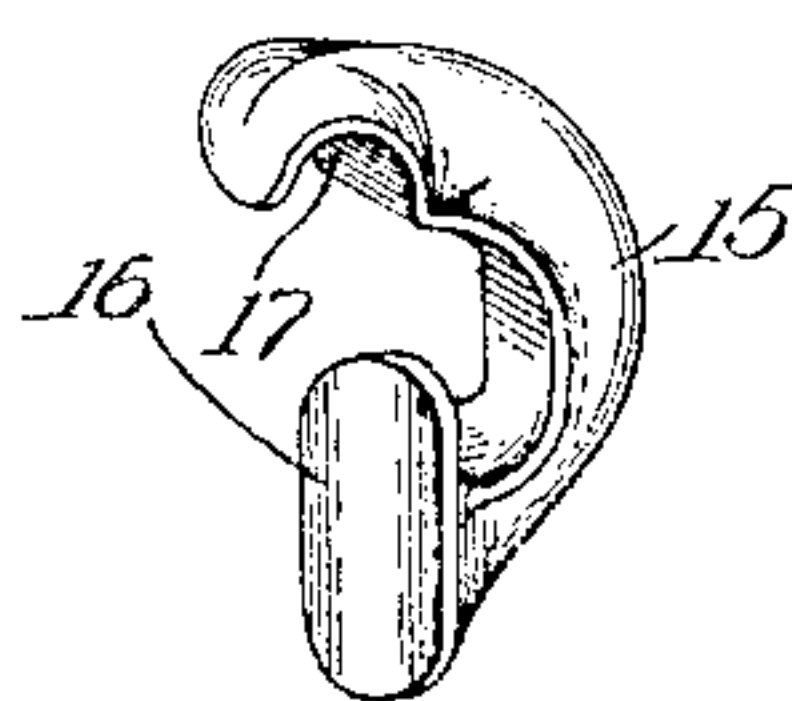


Witnesses:

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Fig. 3.



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UNITED STATES PATENT OFFICE.

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DRUM.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM J. F. SCHULTZ, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Drums, of which the following is a full, clear, and exact description.

The invention relates to drums, and more particularly to that class of drums in which a straining cord or wire is employed to retain the drumheads under desired tension.

In drums in which a straining cord or wire is used it is customary to pass the cord or wire around hooks which engage the outer drum-hoops, whereby the flesh-hoops are held in proper position. In some prior devices the hook is provided with an eye through which the cord is threaded. An objection to this form of hook is that if a hook becomes broken it is necessary to sever the cord or wire to permit the removal of the broken hook and so connection with another hook can be made. In other devices the cord was passed around a part comprising a hook adapted to engage the drum-hoop and an outwardly-extending hook around which the cord was extended. An objection to devices of this construction was that the outwardly-extending hook would frequently catch on the clothes of the drummer, and, furthermore, it was necessary to hold the several loops of the straining cord or wire into their respective hooks while the cord was being put under tension by the adjusting-loops.

The invention designs to overcome these objections to prior devices, and consists primarily in providing a connecting device for the cord, which comprises a hook or recess located on the side adjacent to the drum, so that when in operative position the cord cannot be detached. Thus the invention overcomes the objections incident to the use of an outwardly-extending hook, because no outwardly-extending hook is used for the cord, and to those having an eye therein for the cord, because by loosening the cord a broken hoop can be removed, and, further, can be replaced without severing the straining cord or wire.

In the drawings, Figure 1 is a perspective of a drum embodying the invention. Fig. 2 is a view in vertical section of one side of the drum. Fig. 3 is a detail perspective of the improved connecting device.

The drum comprises a shell 10, provided

with inner liner-hoops 11, drumheads 12, secured to flesh-hoops 13, and outer drum-hoops 14, having their inner edges adapted to hold the flesh-hoops in desired position and to maintain desired tension upon the drumheads. All of said parts may be of usual construction, as well understood in the art. A straining cord or wire 9 extends alternately around connecting-hooks 15, respectively engaging the hoops 14 at the opposite ends of the drum. Each hook is adapted to engage the outer edge of one of the drum-hoops 14 and extends vertically to engage, as at 16, the outer side of said hoop and is provided with a recess 17, opening inwardly or on the side adjacent to the hoop. Adjusting-loops 18 for tightening the straining-cord are employed in usual manner.

Obviously the hook or connecting device when in operative position has no outwardly-extending hook or catch likely to interfere with the clothes of the drummer, while a broken hook can be readily replaced when the cord is loose without severing the cord or wire. When the hook is in operative position, the recess is closed by the side of the drum so that the straining-cord can be conveniently applied.

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

1. In a drum the combination with drumheads and drum-hoops whereby the heads can be adjusted, of a straining cord or wire, and hooks for connecting the drum-hoops and the cord, said hooks being provided with recesses located at and opening at the side of the hook adjacent to the hoop and in which the straining-cord is held.

2. In a drum the combination with drumheads and drum-hoops whereby the heads can be adjusted, of a straining cord or wire, and hooks for connecting the drum-hoops and the cord, said hooks being provided with vertically-extending portions 16 adapted to engage a drum-hoop, and a recess opening inwardly and located on the side adjacent to the hoop and in which the cord or wire is held.

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