

No. 889,331.

PATENTED JUNE 2, 1908.

V. PLATZ, JR.
SNARE DRUM.

APPLICATION FILED MAR. 7, 1906.

Fig. 1.

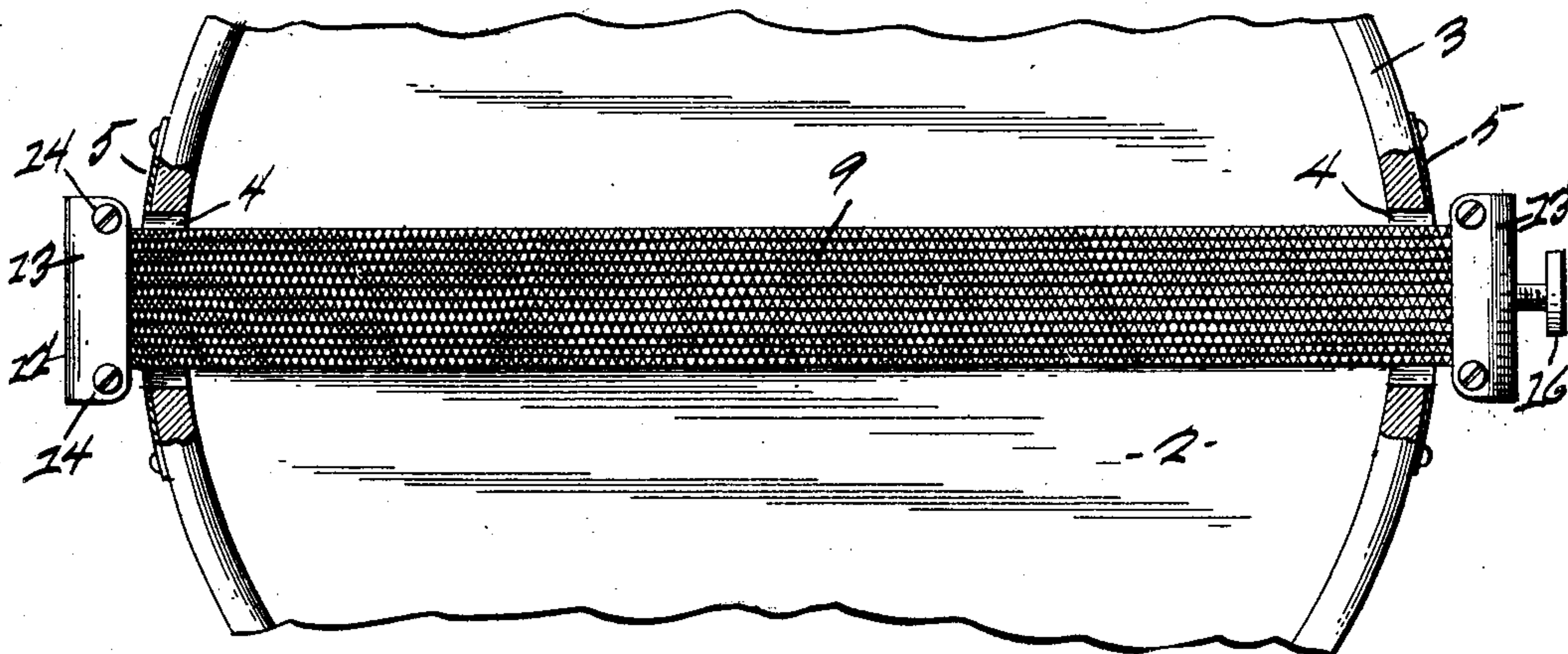


Fig. 2.

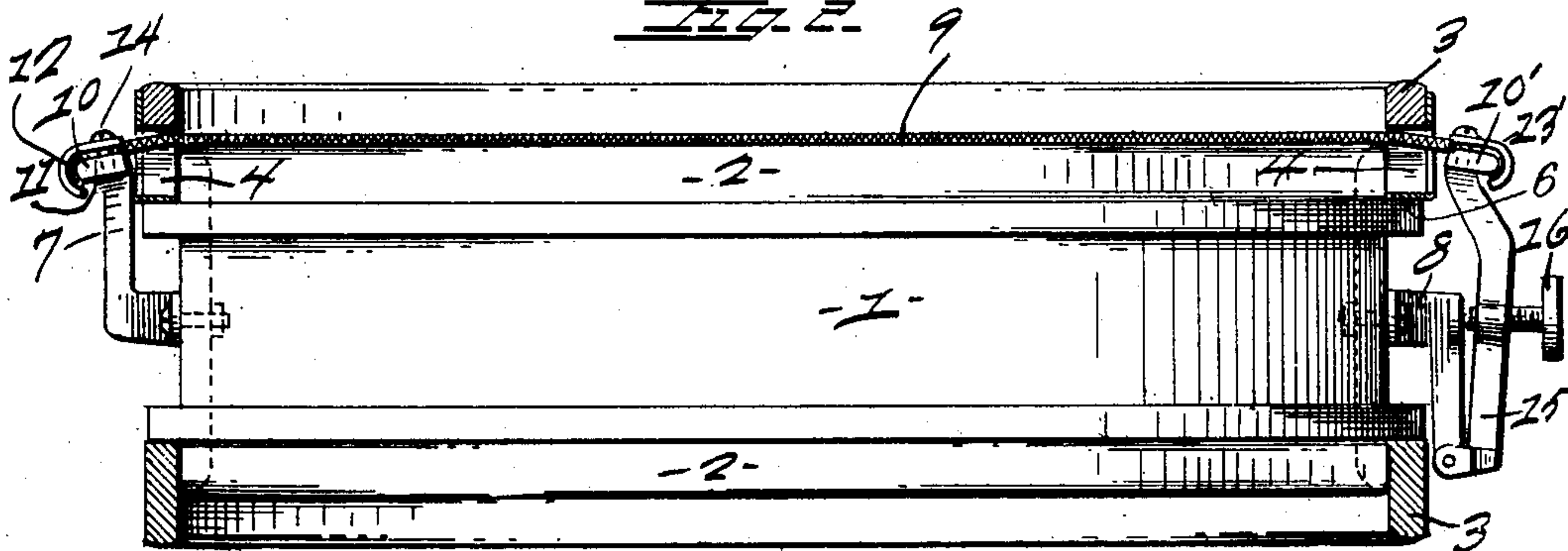


Fig. 3.

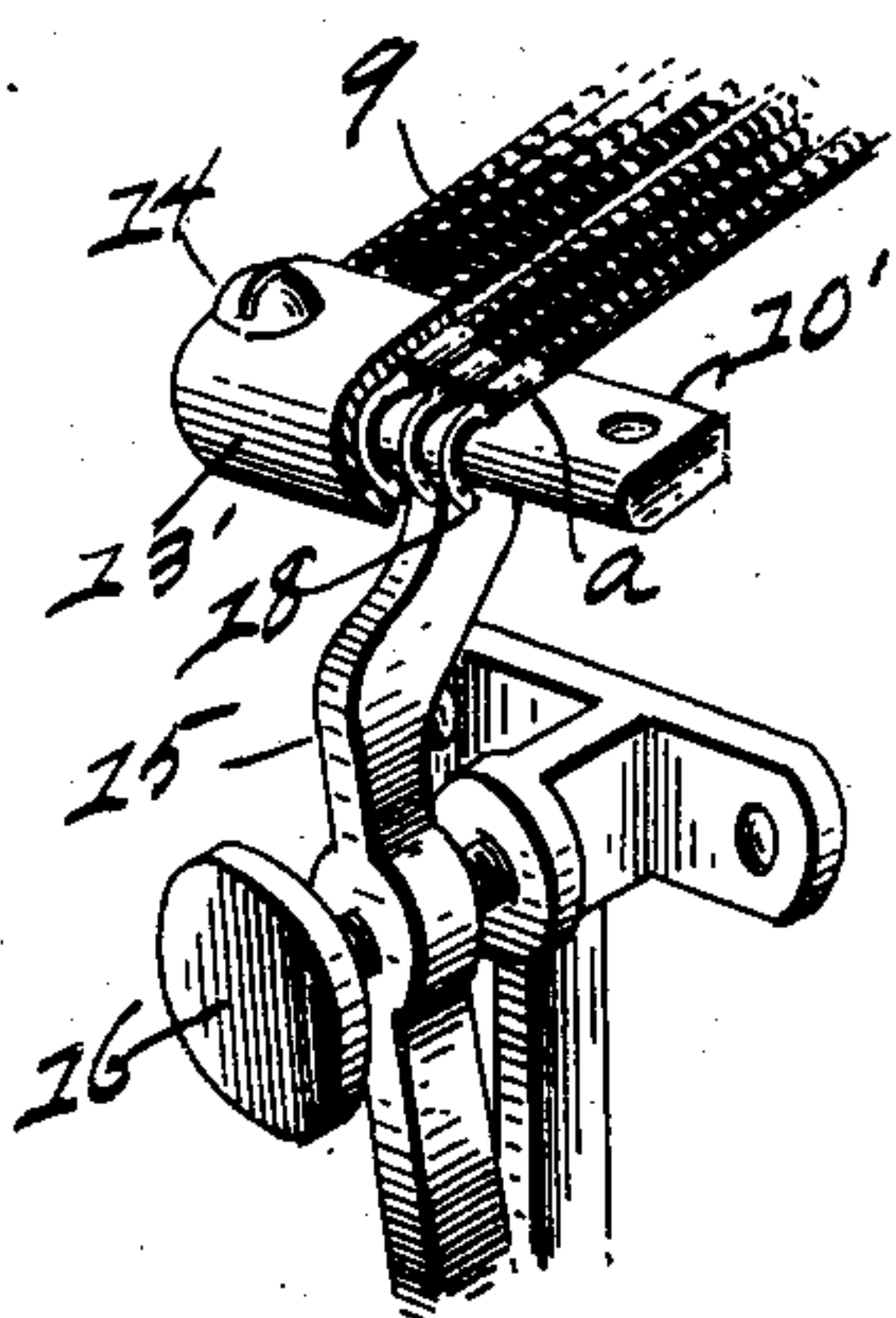


Fig. 4.

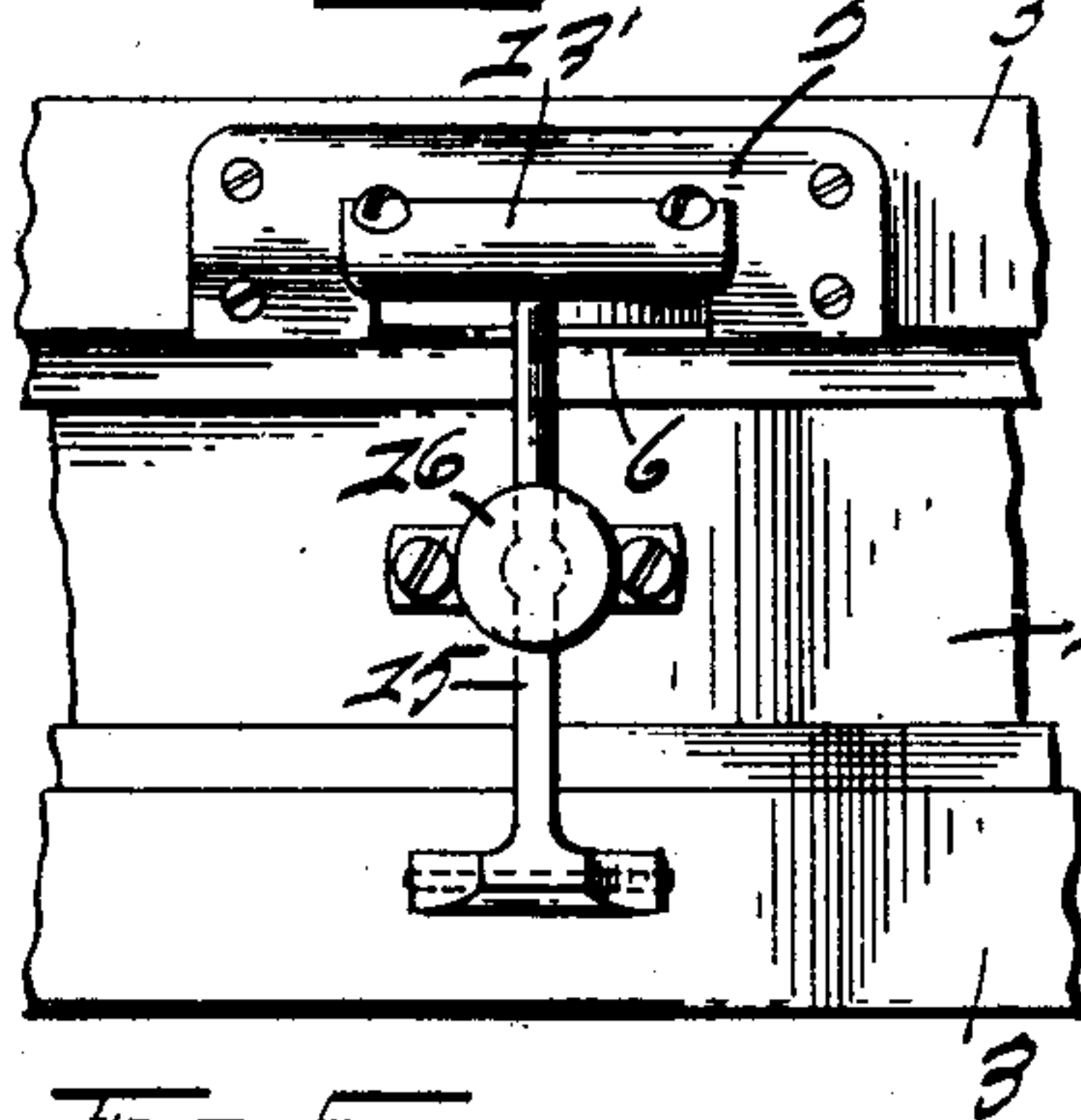


Fig. 5.

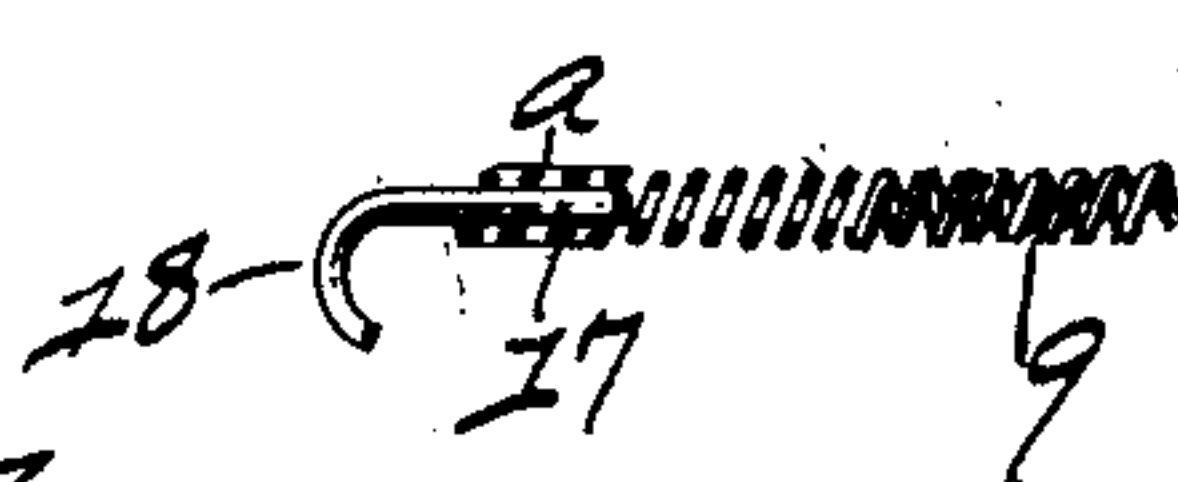
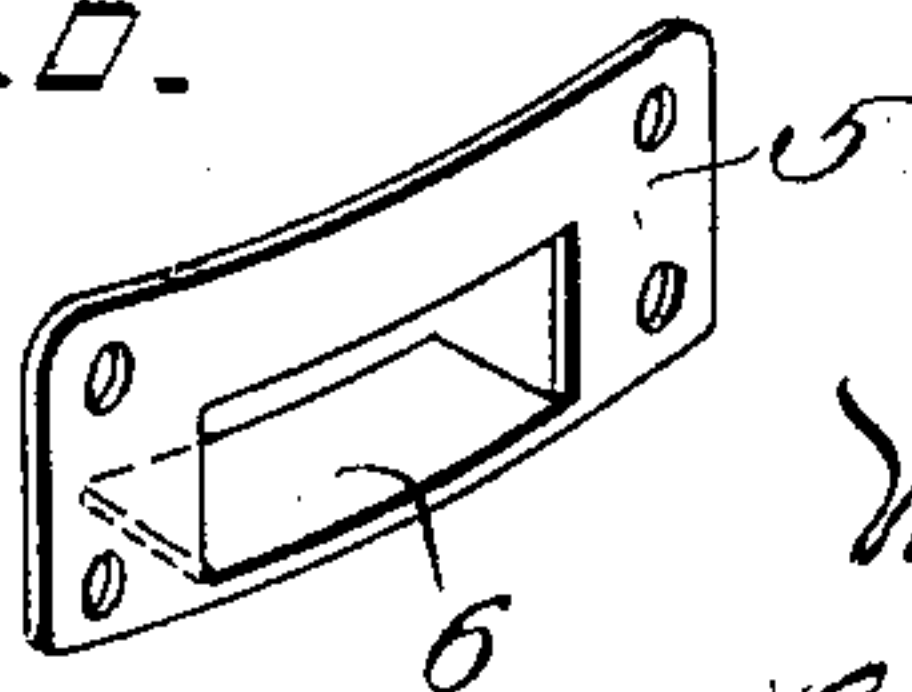


Fig. 6.



WITNESSES

Ed O Miller
Chas. C. DeFeubault

INVENTOR

Valentine Platz, Jr.,
By Carl H. Keller atty.

UNITED STATES PATENT OFFICE.

VALENTINE PLATZ, JR., OF TOLEDO, OHIO.

SNARE-DRUM.

No. 889,331.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed March 7, 1906. Serial No. 304,616.

To all whom it may concern:

Be it known that I, VALENTINE PLATZ, Jr., of Toledo, county of Lucas, and State of Ohio, have invented certain new and useful Improvements in Snare-Drums; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form part of this specification.

My invention relates to drums and particularly to drums employing spiral wire snares; and it has for its object to provide simple, positive and effective means for fastening the snare ends to a strainer.

In carrying out my invention I employ the novel combination, arrangement and the details of construction hereinafter shown, described and claimed.

In the accompanying drawings, Figure 1 is a plan view of a drum equipped with spiral wire snares, the latter having their respective ends secured to the strainer heads in accordance with my invention; Fig. 2 is an elevation of the same, the hoops of the drum being in section; Fig. 3 is an elevation showing the adjustable strainer head in end view; Fig. 4 is a detached perspective view showing the snares secured to the strainer head, the clamping plate therefor being in section; and Fig. 5 is an enlarged detail of one of the snare ends. Fig. 6 is a detail perspective view of a plate removed from the drum.

Referring to the drawings, 1 indicates the shell of an ordinary snare drum, 2 the heads, and 3 the hoops employed to hold the heads in position upon the shell, ordinary clamps (not shown) being employed to draw the hoops together. The hoop which engages the snare head is recessed or cut away at diametrically opposite points at 4 to permit the snares to extend therethrough. Secured to the face of the hoop around each cut away portion is a plate 5 having its inner portion cut out and shaped to correspond to the cut away portions, and the lower margin 6 of each plate is bent angularly inward so that the innermost edge of the part 6 is near the inner margin of the hoop 3. Mounted upon the shell at diametrically opposite

points are the stationary head 7 and the adjustable head 8 of the strainer for the spiral wire snares 9. Strainer-head 7 is in the form of an angular-shaped bracket provided with a transverse bar 10, the latter having a plane face 11 disposed immediately below the plane of the snare-head, the outer face of the bar 10 being rounded as at 12 to receive the ends of the snares hereinafter described.

13 is a plate adapted to firmly clamp the snare ends in contact with the face 11 of the bar 10, being curved, as at 12' to overlie the hooked ends of the snares, the screws 14 being employed to clamp the plate to the bar 10. The head 8 of the strainer comprises a hinged member 15 adjusted by a screw 16 and having the transverse bar 10' and the plate 13' arranged in the same manner as the like parts upon the head 7. The spiral snares 9 are constructed of piano wire and are arranged close together, as shown in Fig. 1, with their opposite ends attached to the strainer heads. Since the ends of the snares would be crushed if subjected to pressure between clamping faces, and to positively insure against possible detachment when in position, I provide the ends of each snare with a section of rather stiff wire having a straight portion 17 which is soldered or sweated within the ends of the spiral body, the outer ends of said section of wire being bent in the form of a hook as at 18 for the purpose of engagement of the transverse bars of the strainer heads, the hooks having a curvature corresponding to the outer faces 12 of the bars. As the wire ends extend into the snare body for some distance, as at *a*, that portion of the snare will be solid in transverse section and is therefore incapable of being crushed when interposed between the opposed clamping faces of the strainer heads and clamping plates 13. When the snares are mounted as shown in Figs. 1 and 2 they may be subjected to any desired tension without danger of becoming disengaged from the strainer heads.

It is obvious that as each snare wire is provided with a rigid wire hooked end, it can be quickly and easily attached to the bars 10 and 10' and will remain fixed in such position, the plates 13 being screwed on to prevent any possible dislocation.

Having described my invention, what I

claim and desire to secure by Letters Patent,
is:—

5 The combination with a snare formed of
spiral wire and having hook shaped wire ends,
of a fixed head and clamping plates connected
thereto, and a movable head and clamping
plate connected thereto, together with means
for moving said movable head.

In testimony, that I claim the foregoing as
my own I affix my signature, in presence of 10
two witnesses.

VALENTINE PLATZ, JR.

Witnesses:

CARL H. KELLER,

W. L. HOYT.