

G. L. BECKER.
 COMBINED VIOLIN CHIN AND SHOULDER REST.
 APPLICATION FILED MAR. 14, 1908.

908,541.

Patented Jan. 5, 1909.

Fig. 1.

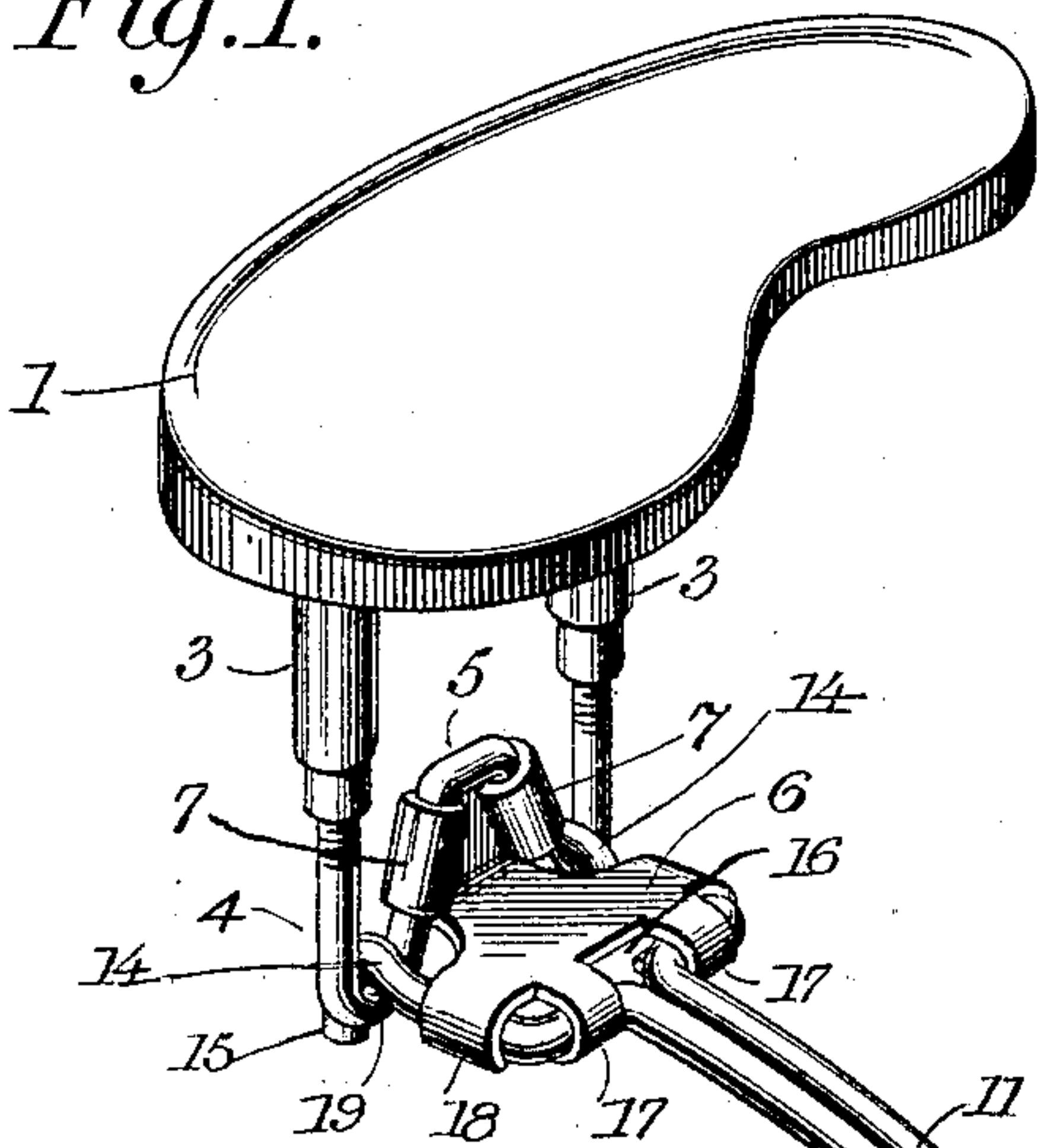


Fig. 2.

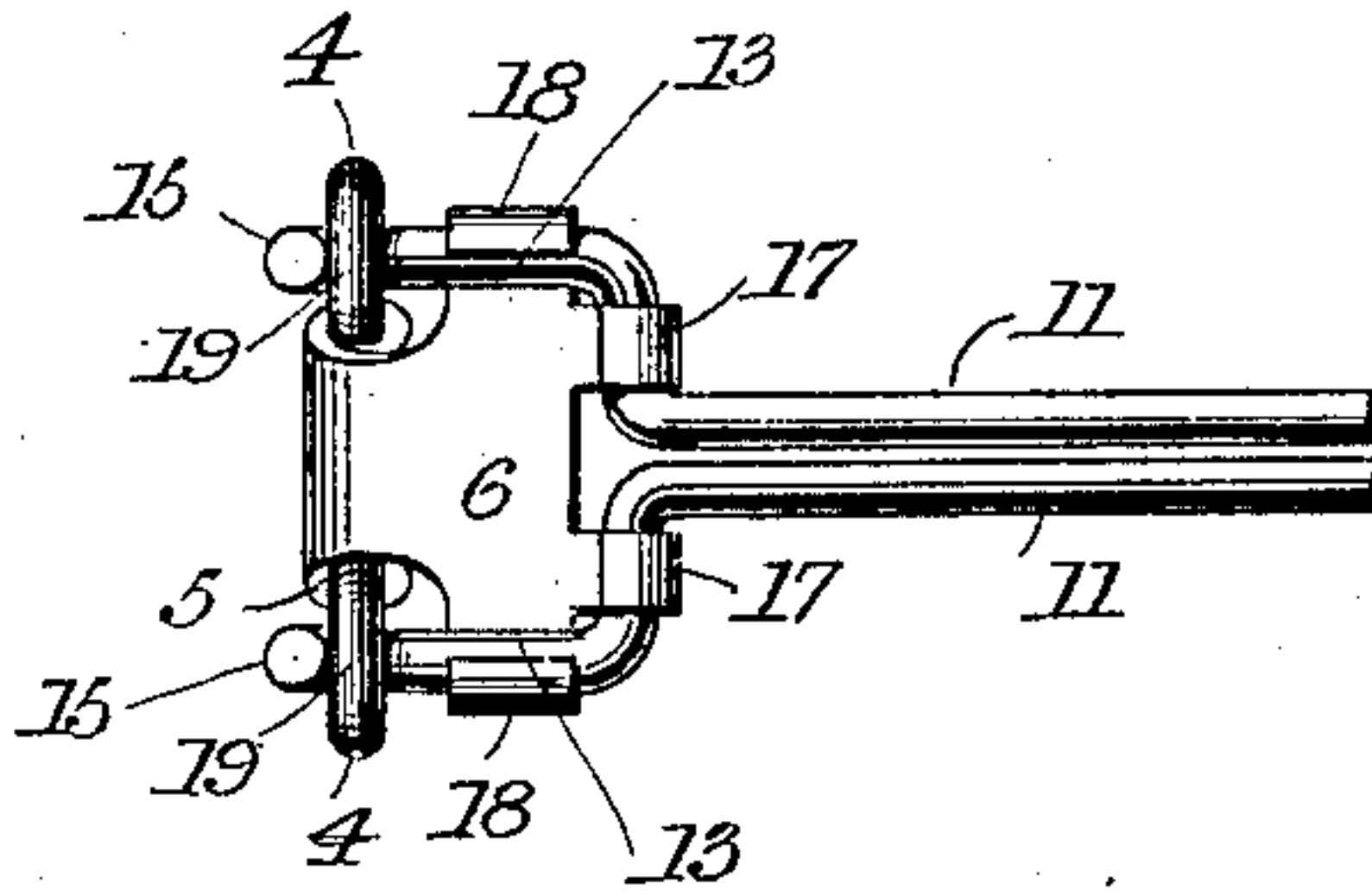


Fig. 3.

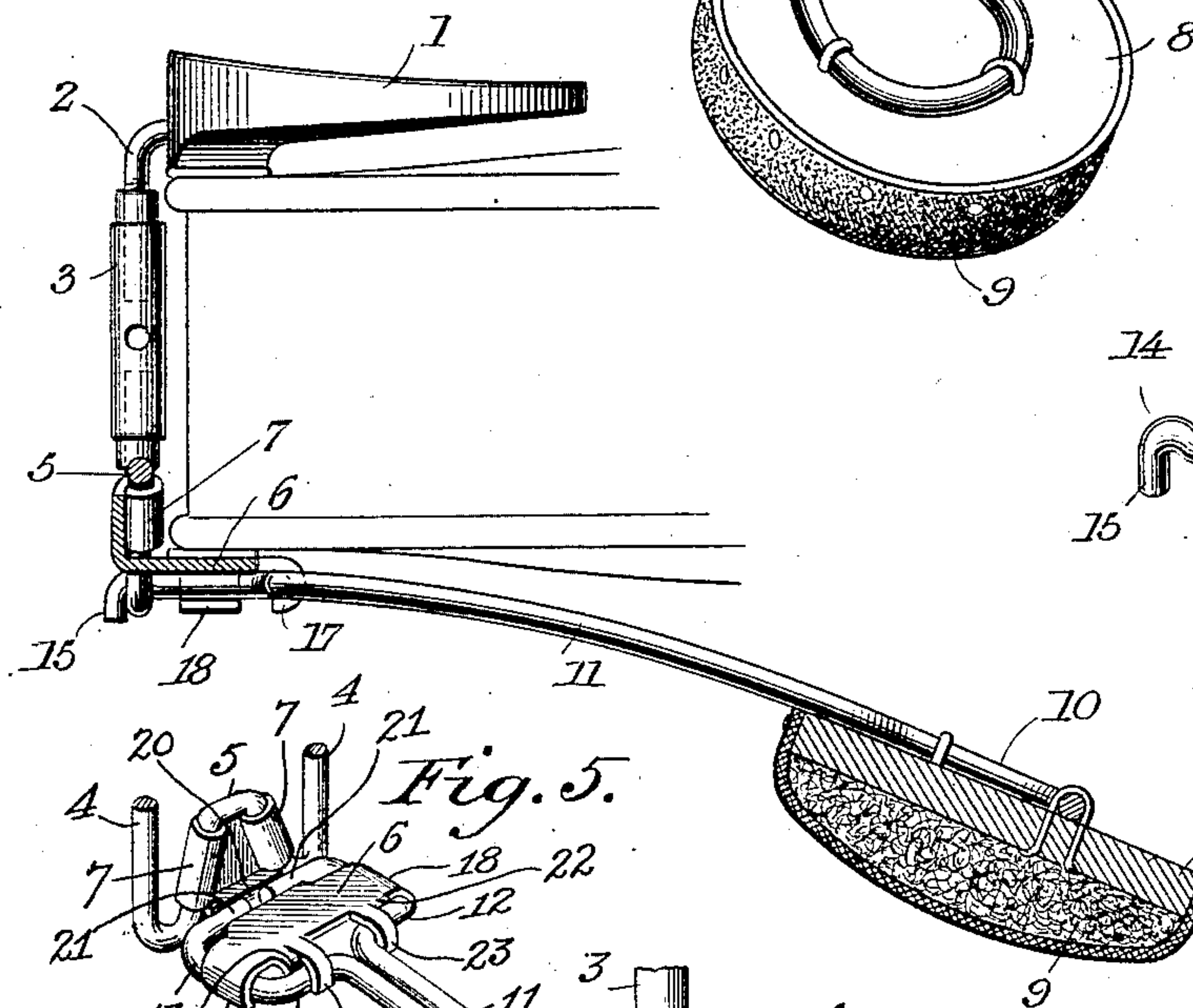


Fig. 4.

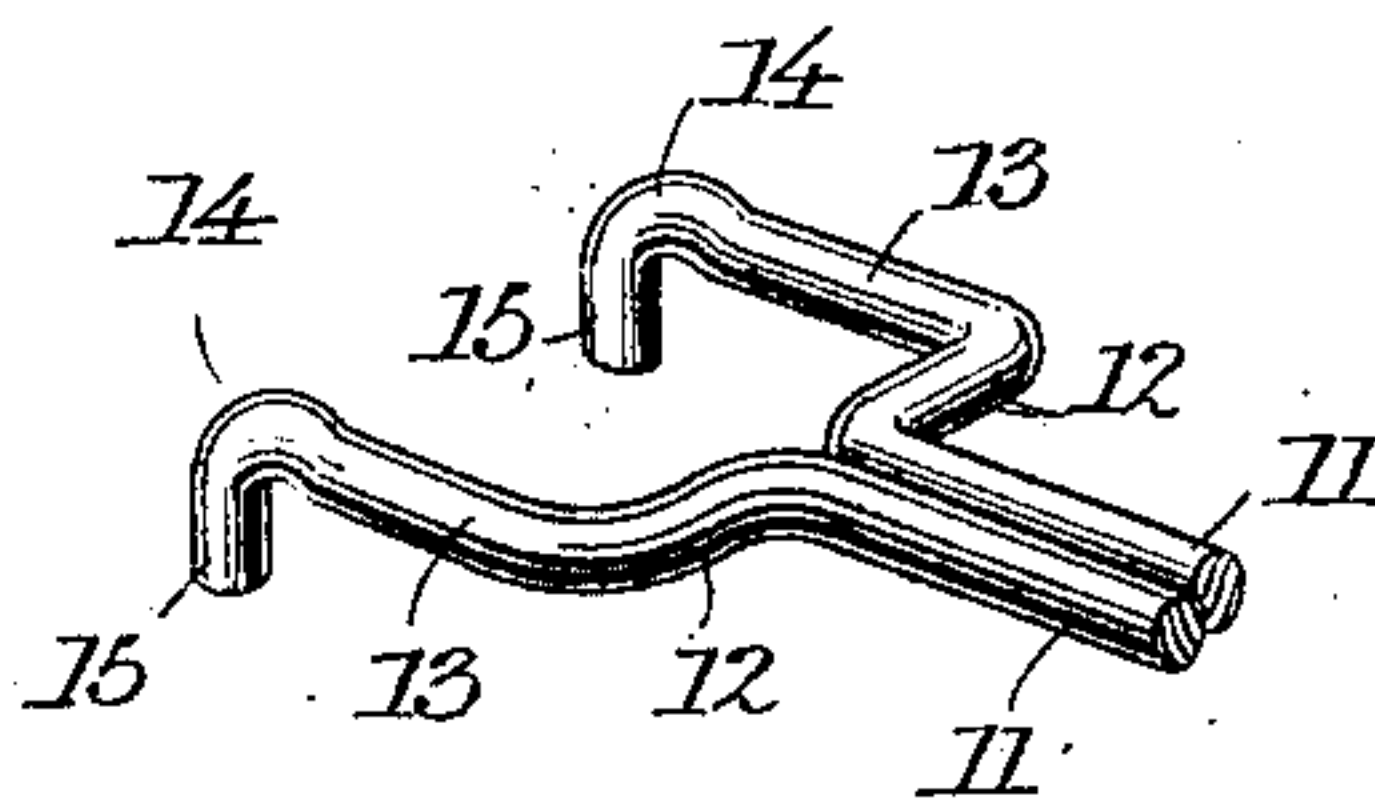


Fig. 5.

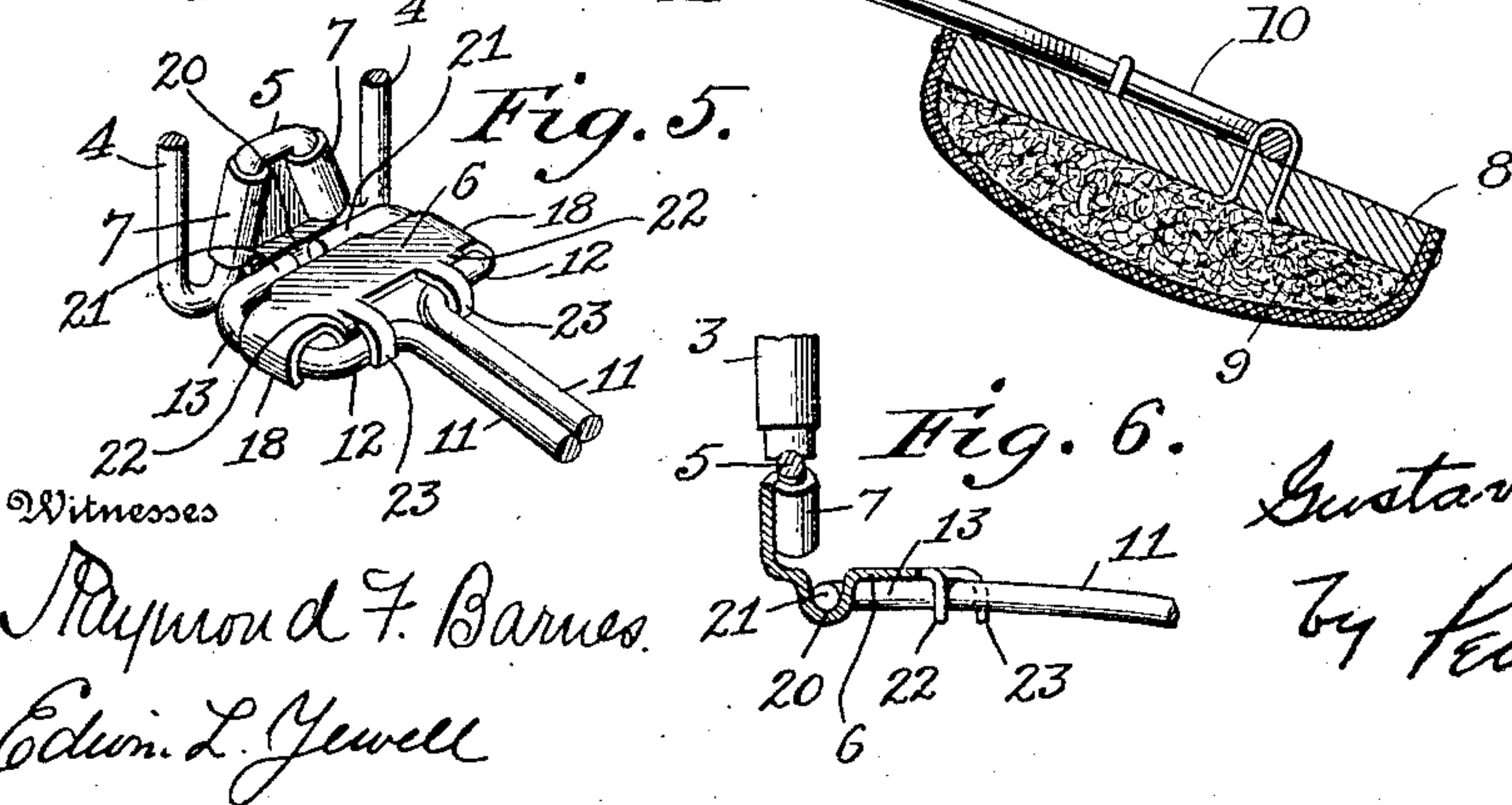
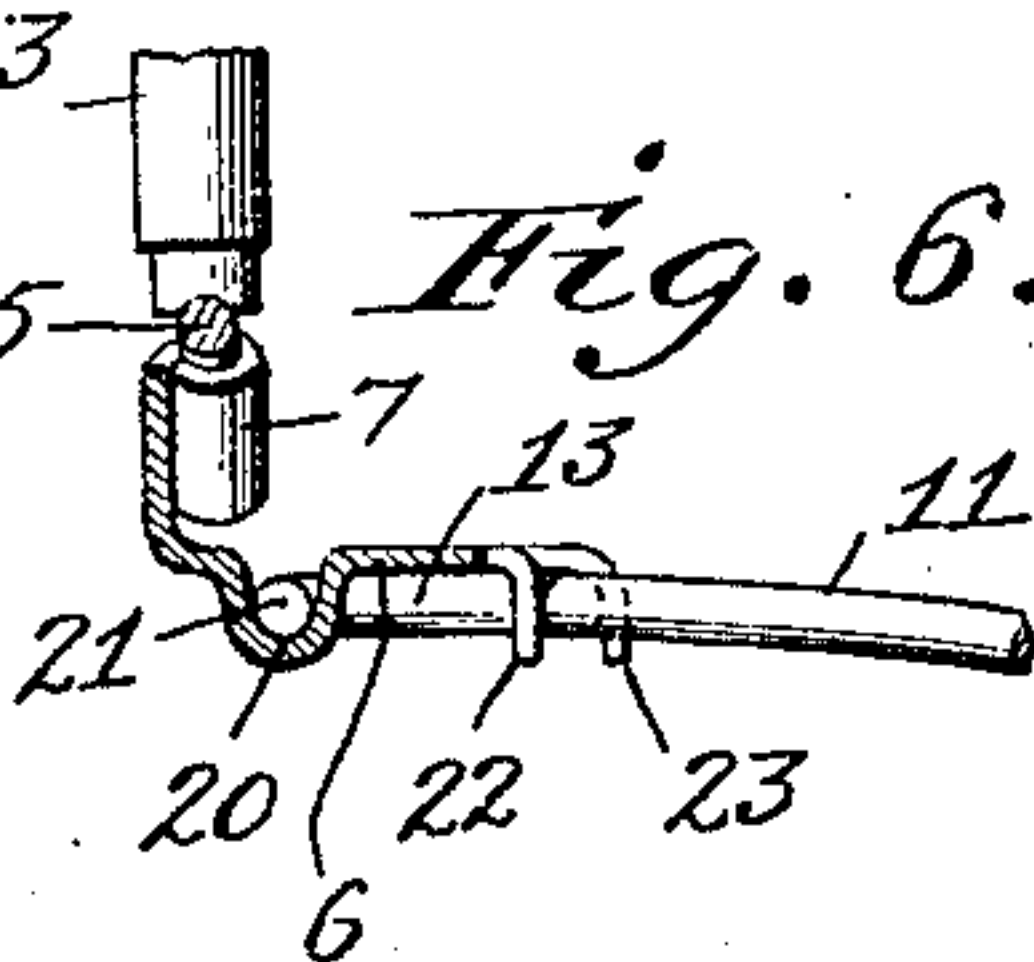


Fig. 6.



Inventor

Gustav L. Becker

by Percy B. Hills

Attorney

Witnesses
 Raymond F. Barnes
 Edwin L. Jewell

UNITED STATES PATENT OFFICE

GUSTAV L. BECKER, OF NEW YORK, N. Y.

COMBINED VIOLIN CHIN AND SHOULDER REST.

No. 908,541.

Specification of Letters Patent.

Patented Jan. 5, 1909.

Application filed March 14, 1908. Serial No. 421,049.

To all whom it may concern:

Be it known that I, GUSTAV L. BECKER, a citizen of the United States, residing in the borough of Manhattan, city of New York, State of New York, have invented new and useful Improvements in a Combined Violin Chin and Shoulder Rest, of which the following is a specification.

My invention relates to combined chin and shoulder rests for violins, and has for its primary object to provide an improved means for detachably connecting said shoulder rest with the chin rest without the necessity of increasing the size of said chin rest.

Chin rests adapted to receive a detachable shoulder rest as heretofore constructed have been objectionable, in that they embodied a projecting part that was objectionable to users who desired to use the chin rest alone, and it is to avoid this objection, and to provide a chin rest that may be used as such alone, without any unnecessary projecting parts, or may be used in conjunction with a detachable shoulder rest, that my present invention is primarily directed.

My invention also embodies certain other minor novel details of construction, as will be hereinafter more definitely pointed out and claimed.

In the accompanying drawing: Figure 1 is a perspective view of a combined chin and shoulder rest embodying my improved construction. Fig. 2 is a detail bottom view of the base of the chin rest with the arms of the shoulder rest attached thereto. Fig. 3 is a central vertical longitudinal sectional view of Fig. 1. Fig. 4 is a detail perspective view of that end of the shoulder rest arms adapted to engage the chin rest. Fig. 5 is a detail perspective view of a modified construction. Fig. 6 is a central vertical longitudinal sectional view of the same.

Similar numerals of reference denote corresponding parts in the several views.

In the said drawing the reference numeral 1 denotes the chin rest plate proper, to which are attached two vertical posts 2, screw threaded at their lower ends to engage sleeves 3, that are in turn in screw threaded engagement with the oppositely screw threaded upper ends 4 of a bent wire 5 forming part of the chin-rest base, to which the base plate 6 is permanently attached by the turned over clips 7, as shown. The construction of this portion of the de-

vice being old and well known, no further description of its parts is deemed necessary.

The shoulder-rest plate, which may be of any suitable construction, such as a base 8 of wood provided on its under side with a suitable pad 9, has clipped or otherwise permanently fastened thereto the circular outer end 10 of the shoulder-rest arms 11 which extend back in parallel relation, but normally sprung a slight distance apart by their own resiliency, and which are, near their inner ends, bent abruptly into oppositely extending portions 12, then again bent into parallel relation at 13, then bent upwardly slightly at 14, and finally bent abruptly downward at 15, the parts 14 and 15 thus forming hooks.

The base plate 6 is slotted centrally at its front edge at 16, and has its front edges on each side of said slot turned under to form clips 17, and also has its side edges similarly turned under to form clips 18.

In assembling the parts the hooks at the inner ends of the shoulder-rest arms, formed by the parts 14 and 15, are first engaged with the loops 19 formed in the wire 5 by the upwardly turned arms 4 thereof, and the shoulder rest and its arms 11 then raised to engage the oppositely extending portions 12 of the arms 11 in the front clips 17 of the base plate 6, the arms 11 being pressed together to permit the parallel parts 13 of said arms to pass the side clips 18. Upon now releasing said arms 11 their resiliency will cause them to spring apart and thus engage beneath said side clips 18, whereby the parts will be firmly held in fixed relation, the arms 11, when brought together, passing through slot 16 in base plate 6.

It will thus be seen that means are provided in conjunction with the usual base plate 6 of the chin rest for detachably connecting thereto a shoulder rest and without the necessity for any extension of or material variation in the construction of said chin rest, whereby the latter may either be used alone or in conjunction with the shoulder rest, as may be desired.

In Figs. 5 and 6 I have illustrated a modified construction, wherein the base plate 6 is depressed transversely at 20 to form a groove to receive the ends 21 of the arms 11, which in this construction are turned towards each other in parallel relation. The plate 6 is provided with the side clips 18,

as in the construction shown in Figs. 1 to 4, but the front clips of said plate are split, one portion 22 of each being bent down to lie on one side of the portion 12 of its arm 5 11, while the other portion 23 extends over the other side of said portion 12. In assembling this construction the spring arms 11 are first forced apart sufficiently to enable the ends 21 of said arms to engage with 10 the groove or depression 20 in plate 6, and the shoulder rest 8 is then lifted to bring the parts in the position shown in Fig. 1 with the clips 18, 22 and 23 engaging the portions of the arms 11. While the ends of clips 22 15 and 23 project straight downward, the ends of clips 18 may be intumed slightly to retain the portions 13 of arms 11 in position, the resiliency of said arms 11 maintaining this engagement.

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

1. The combination with a violin chin rest, and its base, the latter embodying a 25 plate formed with side and front clips, of a shoulder rest, and its arms, the latter adapted to be detachably engaged both with said chin-rest base and with the clips of said chin-rest base plate.

30 2. The combination with a violin chin

rest, and its base, the latter embodying a wire bent into oppositely disposed loops, and a plate formed with side and end clips, of a shoulder rest, and its arms, the latter adapted to be detachably engaged both with the 35 loops of said chin-rest base wire and with the clips of said chin-rest base plate.

3. The combination with a violin chin rest, and its base, the latter embodying a wire bent into oppositely disposed loops, and 40 a plate formed with downwardly disposed side and front clips and slotted centrally at its front, of a shoulder rest, and its arms, the latter being bent to form oppositely extending portions adapted to engage the 45 front clips of said base plate, parallel extending portions adapted to engage the side clips of said base plate, and hooks adapted to engage the loops in the wire of said base, the whole adapted to be detachably retained 50 in engagement by the resiliency of said shoulder-rest arms.

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

GUSTAV L. BECKER.

Witnesses:

AUGUST F. HASKE,
FREDERICK SCHLUETER.