

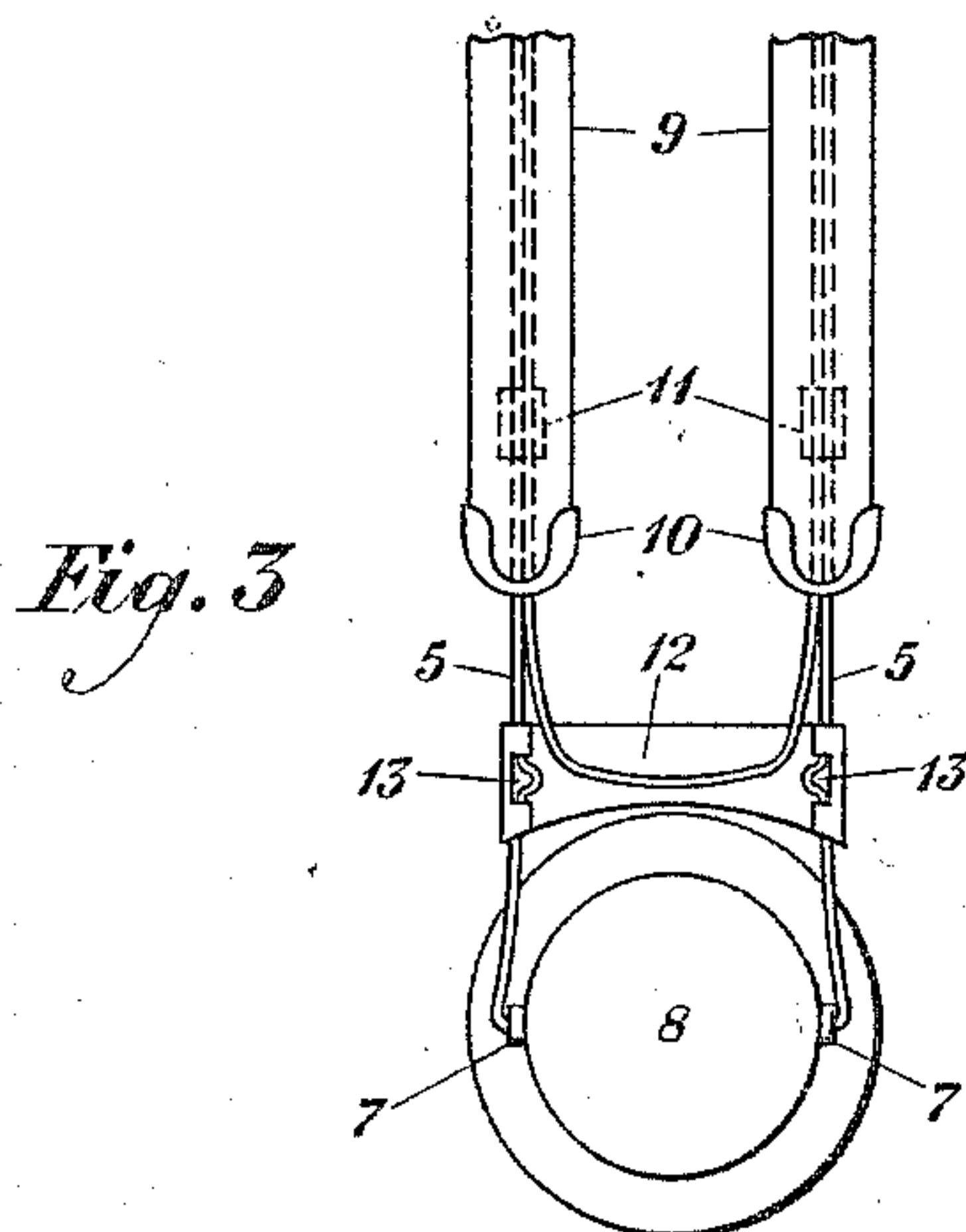
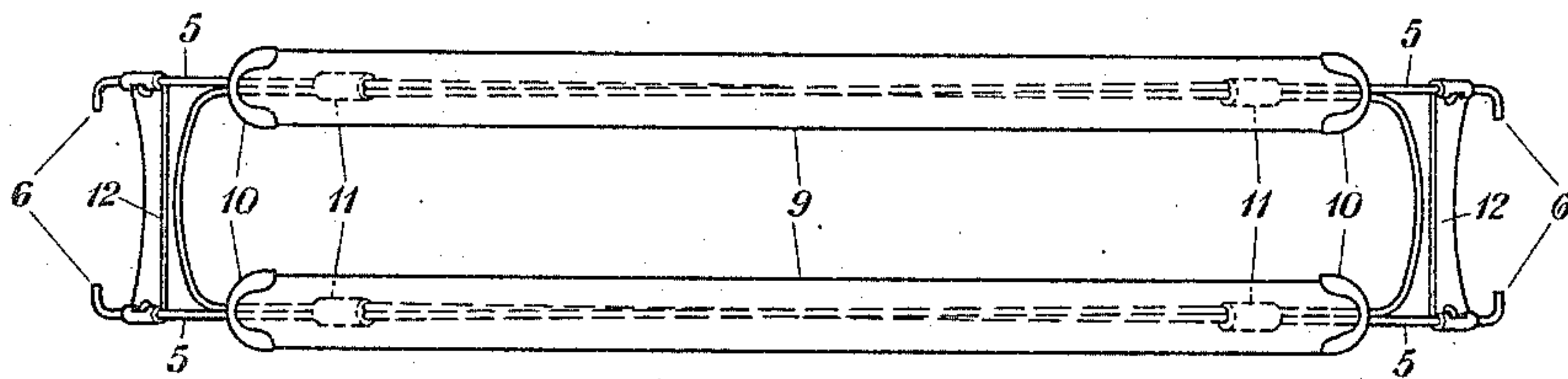
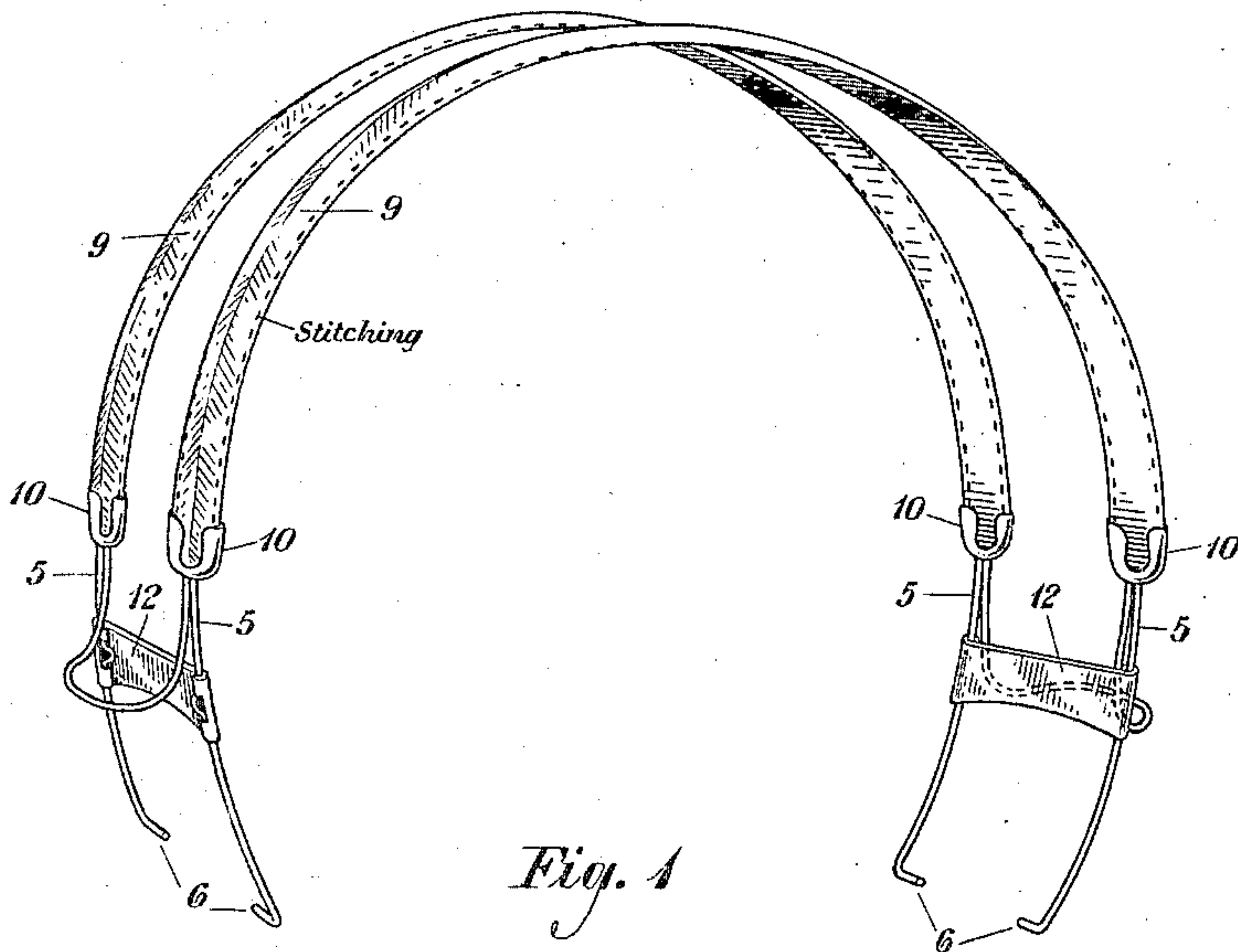
Nov. 29, 1927.

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1,650,865

HEADBAND FOR TELEPHONE RECEIVERS

Filed Oct. 1, 1925



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HEADBAND FOR TELEPHONE RECEIVERS.

Application filed October 1, 1925. Serial No. 59,941.

This invention relates to telephone apparatus, and more particularly to head bands or supports for head telephone receivers.

5 An object of the invention is to provide an improved construction for head bands for telephone receivers which will readily adapt itself to the head and ears of the user and will be free from parts likely to catch the
10 hair of the user, or cause other discomforts when placed in or removed from position of use.

A further object of the invention consists in the provision of an arrangement of the
15 above character in a comparatively inexpensive and efficient manner.

In accordance with the general features of this invention, there is provided a head band which is formed of two sections or
20 parts so arranged to slide in relation to each other in such manner that vertical adjustment of the receivers associated with the head band is adapted to fit heads of different sizes and shapes. The head band is so
25 covered by smooth material that abrasions of the skin or catching of the hair of the user is prevented.

Referring to the drawing, Figure 1 illustrates a side view of the improved arrangement. Fig. 2 is a top plan view thereof,
30 and Fig. 3 is a view of an end portion of the head band, showing a telephone receiver in position thereon.

The invention may be more readily understood from the following description, when considered in connection with the accompanying drawing in which one embodiment thereof is illustrated.

The head band proper is preferably composed of two arcuate pieces 5—5 of wire
40 which are bent before assembly. These pieces of wire should have the necessary resiliency and rigidity, and may be made from piano steel wire, nickle-silver, phosphor bronze or similar metal, and suitably
45 finished. Each piece of wire is bent back upon itself in one plane in the shape of an elongated U to form substantially parallel strands which are then bent in a plane substantially at right angles to the first mentioned plane.
50

The extremities of tips 6—6 of each piece of wire are bent at right angles of approximately 90 degrees from their main portion
55 inwardly toward each other to fit recesses

formed in lugs 7—7 provided on opposite sides of a receiver case 8, as more clearly indicated in Fig. 3. The two pieces of wire, when assembled, are reversibly positioned with respect to each other that with the tips
60 of one piece and the closed end of the other piece in juxtaposition so that the receiver cases may be oppositely mounted on each end of the structure. The two wires when so assembled conform to the shape of the
65 head, and the two receiver cases thereon are in a position to be placed over the ears.

When the two bent wires are placed together, a strand forming one side of one U-shaped member lies in close parallel relation
70 with the opposite strand of the other U-shaped member, and over these closely arranged strands a tubular covering 9 is placed. This covering may be made of artificial leather or other suitable material, and
75 may comprise parallel layers stitched together at their edges. Clips 10 are affixed to the ends of the coverings 9, and these hold the ends together, and serve with the coverings to provide sufficient clamping of the
80 closely arranged parallel strands to hold them in position and to permit their extensible and slidable movement with respect to each other. To supplement the effect of the coverings 9, or as an alternative arrangement therefor, tubular, metal clamp bands
85 11 may be provided at suitable positions on the wires as indicated more clearly in Fig. 2 of the drawing.

Spacing members 12 are provided near the
90 ends of the strands, and these fit around crimped portions formed in the strands as indicated by the numeral 13 in Fig. 3. The members 12 may be otherwise suitably affixed to embrace said strands in any suitable
95 manner to prevent the longitudinal displacement of the members 12 on the strands.

The spacing members hold the ends of the strands together and prevent their sides being moved toward each other from the normal spaced relation illustrated. The spacing of the strands is such that the tips 6
100 are slightly spread from each other in order to engage the recesses formed in the lugs 7, and are held in such engagement by the resiliency of the wires. When the receivers are so mounted, they are permitted to give limited angular transverse movement so that they automatically adjust themselves to the angles which each ear
105 110

makes with the sides of the head and consequently with the plane of the head band.

The closed or looped portions of the strands are preferably bent outwardly from the head band so that they may be readily grasped to slidably push or pull the two sections of the head band vertically for the purpose of adjusting the height of the receivers to the ears of the wearer.

What is claimed is:

1. A telephone head band having two sections, each section comprising separated parallel resilient members conforming to the shape of the head, a receiver mounted on the end of each section, said members being slidably movable in a lengthwise direction with respect to each other to permit vertical adjustment of the receivers to the ears of the user.

2. A telephone head band comprising two sections, each section being composed of a continuous piece of wire formed into separated parallel strands, a receiver adjustably mounted on the end of each section, said sections being slidably movable in a lengthwise direction with respect to each other to permit vertical adjustment of the receivers to the ears of the user.

3. A telephone head band having two sections, each section comprising separated parallel resilient members conforming to the shape of the head, a receiver mounted on the ends of said resilient members, said members being slidably movable in a lengthwise direction with respect to each other to permit vertical adjustment of the receivers to the ears of the user, and means for retaining said resilient members in slidable position with each other.

4. A telephone head band comprising two sections, each section having separated parallel strands of approximately arcuate shape and conforming with each other to the shape of the head, a receiver mounted on the ends of each section, said sections being slidably movable with respect to each other to permit vertical adjustment of the receivers to the ears of the user.

5. A telephone head band comprising two sections, each section having separated parallel strands connected together at one end and conforming with each other to the shape of the head, a receiver mounted on the ends of each section, said sections being slidably movable with respect to each other to permit vertical adjustment of the receivers to the ears of the user, and means for retaining said sections in slidable engagement with each other.

6. A telephone head band comprising two sections, each section having separated parallel strands connected together at one end and conforming with each other to the shape

of the head, a receiver mounted on the open ends of each section, the closed ends of each section being in proximity to the receivers and serving to vertically adjust said receivers to the ears of the user.

7. A telephone head band comprising two sections, each section having separated parallel strands connected together at one end and conforming with each other to the shape of the head and being slidably movable with respect to each other, a receiver mounted on the open ends of each section, the closed ends of each section being in proximity to the receivers and serving to vertically adjust said receivers to the ears of the user, and means for retaining said sections in slidable engagement with each other.

8. A head band having two sections, each section comprising a single flexible wire bent back upon itself in one plane in substantially parallel strands, the strands being also in a plane substantially at right angles to said first plane, and both sections conforming with each other to the shape of the head, the ends of the strands of each section being formed to engage a telephone receiver and being maintained in engagement therewith by the resiliency of the wires, and means for retaining said sections in slidable engagement with each other to permit vertical adjustment of the receivers to the ears of the user.

9. A head band having two sections slidably movable with respect to each other, each section comprising a single flexible wire bent back upon itself in one plane in substantially parallel strands, the strands being also in a plane substantially at right angles to said first plane, and both sections conforming with each other to the shape of the head, the open ends of the strands of each section being formed to engage a telephone receiver and the closed ends of said sections being in proximity to the receivers and serving to vertically adjust said receivers to the ears of the user.

10. A head band comprising two sections, each section having parallel strands bent into substantially arcuate form, said sections being reversibly positioned with respect to each other with the strands of one section being in sliding engagement with the opposite strands of the other section, a receiver mounted on the open ends of each section, and means for retaining said sections in sliding engagement with each other to permit vertical adjustment of the receivers to the ears of the user.

In testimony whereof, I have signed my name to this specification this 28th day of September, 1925.

WILLIAM H. EDWARDS.