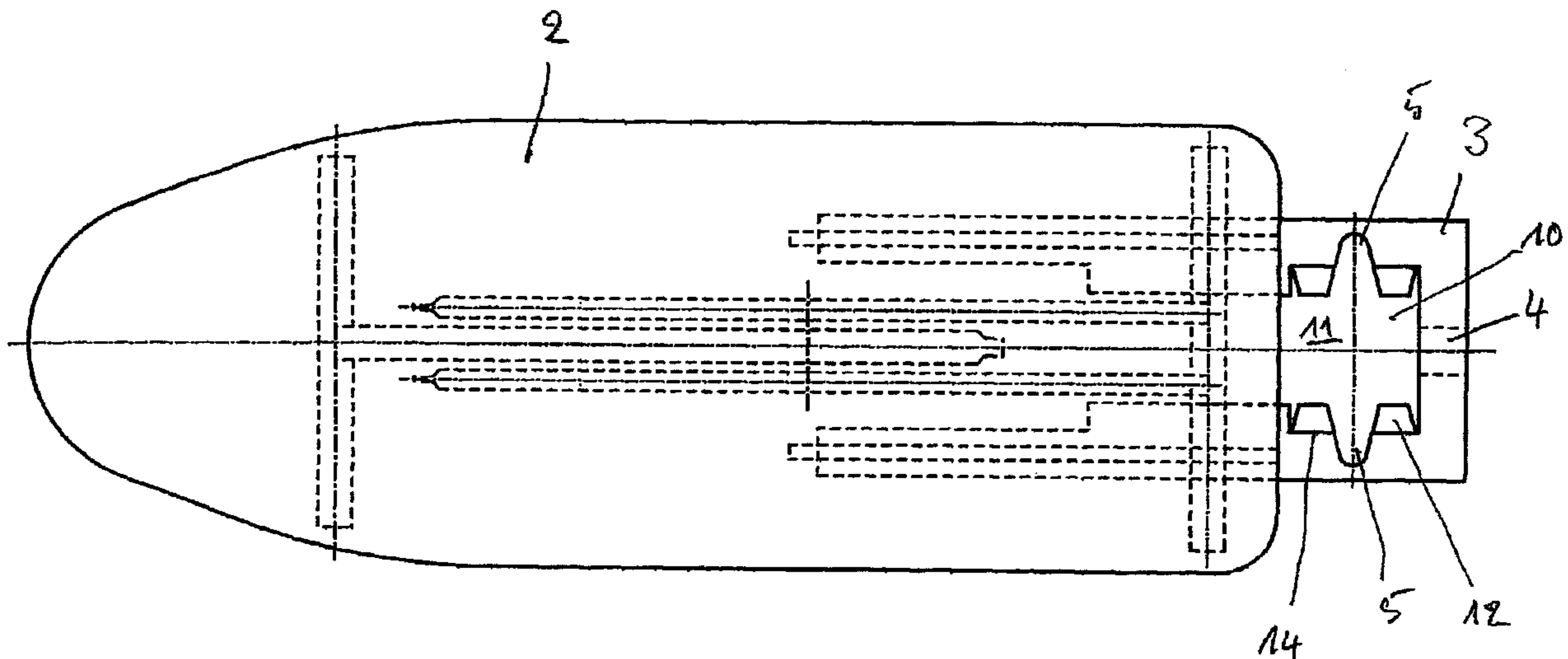




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(54) Titre : TABLE A REPASSER MUNIE D'UN REPOSE-FER
(54) Title: IRONING BOARD HAVING AN IRON REST



(57) Abrégé/Abstract:

The invention relates to an ironing board having an iron rest that is situated at the blunt end of the ironing board. Said iron rest (3) is mounted on the ironing board (2) like a drawer and can be pushed in under the ironing board (2) after use.

ABSTRACT

The invention relates to an ironing board having an iron rest that is situated at the blunt end of the ironing board. Said iron rest (3) is mounted on the ironing board (3) like a drawer and can be pushed in under the ironing board (2) after use.

Ironing Board Having An Iron Rest

Technical Field

Ironing boards in common use consist of an ironing surface which recently very often is made of stretched metal. A storage area for the iron is provided which is located at the blunt end of the ironing board. The iron can here be stored horizontally or in an inclined position at a preselected angle. Bendable rods are used as cable holders for the iron cable, which are clamped to the iron rest. Foldable stands are provided under the ironing board, which are foldable against the underside of the ironing board. Little space is thereby used for the storage of the ironing board. The stands are constructed so that they allow adjustment of the board height to different heights, so that the board can be adapted to the height of the operator. Apart from this option of height adjustment, the boards are otherwise constructed very inflexibly and can be adapted to few changed conditions.

State of the Art

An ironing board is known from DE 195 26 637 A1 wherein the iron rest has a coupling part for an extension cord which serves for the supply of power from a wall socket to the ironing board. The coupling part is constructed as a socket into which the plug of the iron cable can be inserted. The iron cable itself can be guided over a cable holder. The hereby generated tension, which is generated by deflection or bending of the cable holder, is inconvenient during ironing. During ironing at the pointed end of the ironing board, the cable is maximally tensioned and the tension is correspondingly large. Furthermore, upon setting down of the iron on the iron rest, the cable guide is easily twisted and the cable is in the way on the storage surface. The storage surface itself is made of an insert of sheet metal which receives a rotatable iron rest. The rotatable iron rest results in an improvement relative to a rigid rest in that it allows a different positioning of the iron at different orientations. However, when a change from a right handed to a left handed operator occurs, the cable holder must be changed from the left side of the iron rest to the right side.

A possibility for a changed adjustment of the position of the iron rest relatively to the length of the ironing board is shown in GB 2 124 616A. The ironing board is herefor equipped with guide rails below the board surface in which the iron rest can be moved above the ironing board in longitudinal direction of the ironing board by way of holding rods. In this manner, the iron rest can be moved from its location at the blunt end of the ironing board to above the end of the ironing board. The distance for reaching the iron is thereby reduced for the ironing of small pieces.

Description of the Invention

It is an object of the invention to improve the known ironing boards, especially by a new construction of the rest surface for the iron, to thereby achieve a higher safety and flexibility during handling of the ironing board.

In a preferred embodiment, the invention provides an ironing board having an iron rest at a blunt end of the ironing board, characterized in that the iron rest is positioned drawer-like at the ironing board and can be pushed under the ironing board after use, the iron rest having a receptacle for the iron, the receptacle having an opening and first and a second supporting flaps extending downward and oriented obliquely to the ironing board plane, the first and second supporting flaps being joined by hinges to opposing edges of the opening and being foldable into the plane of the opening.

It is advantageous when the iron rest can be pulled out to two extended positions and is lockable in those positions. The first extended stage can thereby be for a normal steam iron and the second extended position for a steam ironing station.

For increased safety, the iron rest is provided with a socket for a power supply cable. This socket is equipped with a power interrupter switch. It furthermore has a control light which indicates whether or not the switch is on. In addition, the plug is at the same time constructed as handle for the movable ironing table support.

For the guiding of the iron cord, the ironing board rest has a cutout through which the iron cable is guided in order to then be plugged with its plug into the socket from below.

A weight is hung from the cable for the tightening of the iron cable.

The receptacle for the iron has an opening with two mutually opposing, downwardly directed supporting flaps oriented obliquely relative to the ironing board plane. A third supporting flap is preferably further provided which is directed upward and is an extension of one of the two first supporting flaps. The supporting flaps themselves are joined by way of hinges to opposite lateral edges of the opening and can be folded into the plane of the opening when not in use. The supporting flaps can be locked in the folded in position.

A further improvement of the iron rest is achieved in that it is equipped with a rotatable receptacle for the iron. This rotatable receptacle can be locked in any angle of rotation.

Brief Description of the Drawing

Several exemplary embodiments of the inventive idea are illustrated in the attached drawing.

It shows:

- Fig. 1 the top view of an ironing board with an extended, drawer-like iron rest;
- Fig. 2 the rear end of the ironing board according to Fig. 1 in side view;
- Fig. 3 an ironing board with an iron rest with a rotatable receptacle for the iron;
- Fig. 4 the blunt end of an ironing board in top view with a swivelable receptacle for the iron; and
- Fig. 5 the ironing board end according to Fig. 4 in side view.

Embodiments of the Invention

An ironing board 2 with an iron rest 3 is shown in top view in Fig. 1. The iron rest 3 is drawer-like mounted to the ironing board 2 and when not in use can be pushed under the lower surface of the ironing board 2. An outlet 4 for a power supply cable is positioned on the underside of the ironing rest 3. The outlet 4 at the same time has a socket into which the plug of the iron cable 6 can be plugged. The outlet 4 is further provided with a

power interrupter switch. The switch itself is equipped with a lamp which indicates that power is available or that the power through the switch is interrupted. The outlet 4 is constructed such that it can be used at the same time as handle for the movable iron rest 3. The iron rest 3 is provided with a cutout 5, for the guiding of the iron cable to the outlet 4. As is especially apparent from Figure 2, the iron cable 6 is tensioned by way of a weight 7 hung onto the cable 6. The receptacle 10 for the iron is formed by the opening 11 in the iron rest 3, which is laterally provided with two supporting flaps 12 oriented obliquely to the ironing board plane and extending downward. The supporting flaps 12 are joined by not further illustrated hinges 14 to the opposite lateral edges of the opening 12. They can thereby be folded into the plane of the opening 11 and locked.

Figure 2 shows the ironing board end in side view, whereby the ironing rest is shown in longitudinal section.

The power supply cable 17 is guided through the stand 15.

The iron rest 3 in Figure 3 is provided with a rotatable receptacle 20 for the iron. The receptacle 20 in the opening 11 has only one supporting flap 12 which is hinged to a lateral edge of the opening 11 by a hinge 14. It is of course also possible to provide several supporting flaps.

An ironing board 2 with a swivelable iron rest 3 is shown in Figures 4 and 5. The rest 3 is herefor provided with two rivets 21, which hold the rest 3 on the mount 22 and which serve as the same time as guide pins in the bow shaped slot guides 23. The rest can be swivelled to the right as well as the left.

CLAIMS:

1. Ironing board having an iron rest at a blunt end of the ironing board, characterized in that the iron rest is positioned drawer-like at the ironing board and can be pushed under the ironing board after use, the iron rest having a receptacle for the iron, the receptacle having an opening and first and a second supporting flaps extending downward and oriented obliquely to the ironing board plane, the first and second supporting flaps being joined by hinges to opposing edges of the opening and being foldable into the plane of the opening.
2. Ironing board according to claim 1, characterized in that the ironing table rest is lockable in two extension positions.
3. Ironing board according to one of claims 1 or 2, characterized in that the ironing board rest is provided with an outlet for a power supply cable.
4. Ironing board according to claim 3, characterized in that the outlet has a socket for the iron cable and a power interrupter switch.
5. Ironing board according to claim 4, characterized in that the switch is connected with a control lamp.
6. Ironing board according to one of claims 3 to 5, characterized in that the outlet serves as handle for the movable iron rest.
7. Ironing board according to one of claims 1 to 6, characterized in that the iron rest has a cutout for passage of an iron cable.

8. Ironing board according to one of claims 1 to 7, characterized in that the iron cable is tensioned by a weight hung from the cable.
9. Ironing board according to claim 8, characterized in that a third supporting flap is provided extending upward and forming an extension of one of the first and second supporting flaps.
10. Ironing board according to claim 1, characterized in that the supporting flaps can be locked when folded in.
11. Ironing board according to one of claims 1 to 10, characterized in that the iron rest has a rotatable receptacle for the iron.
12. Ironing board according to claim 11, characterized in that the receptacle can be locked in any desired angle of rotation.

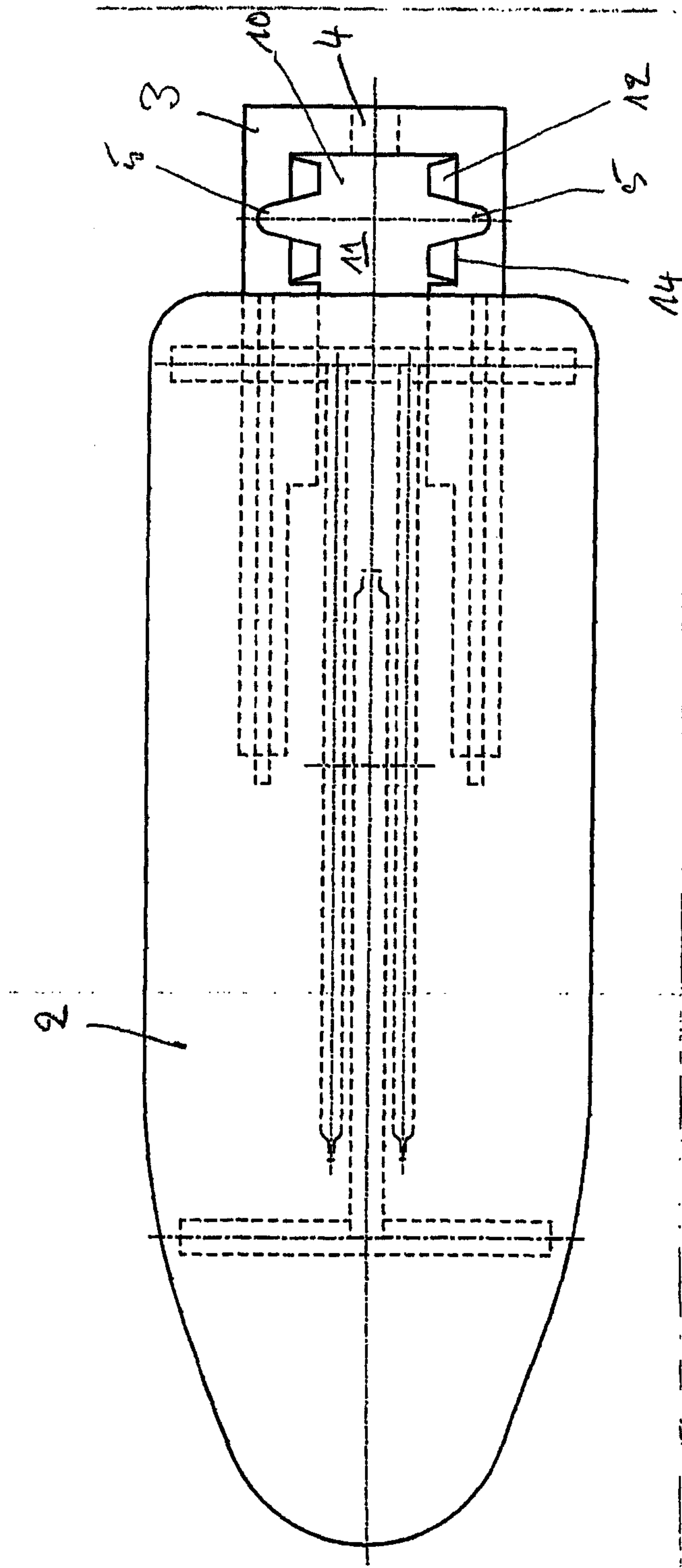


Fig. 1

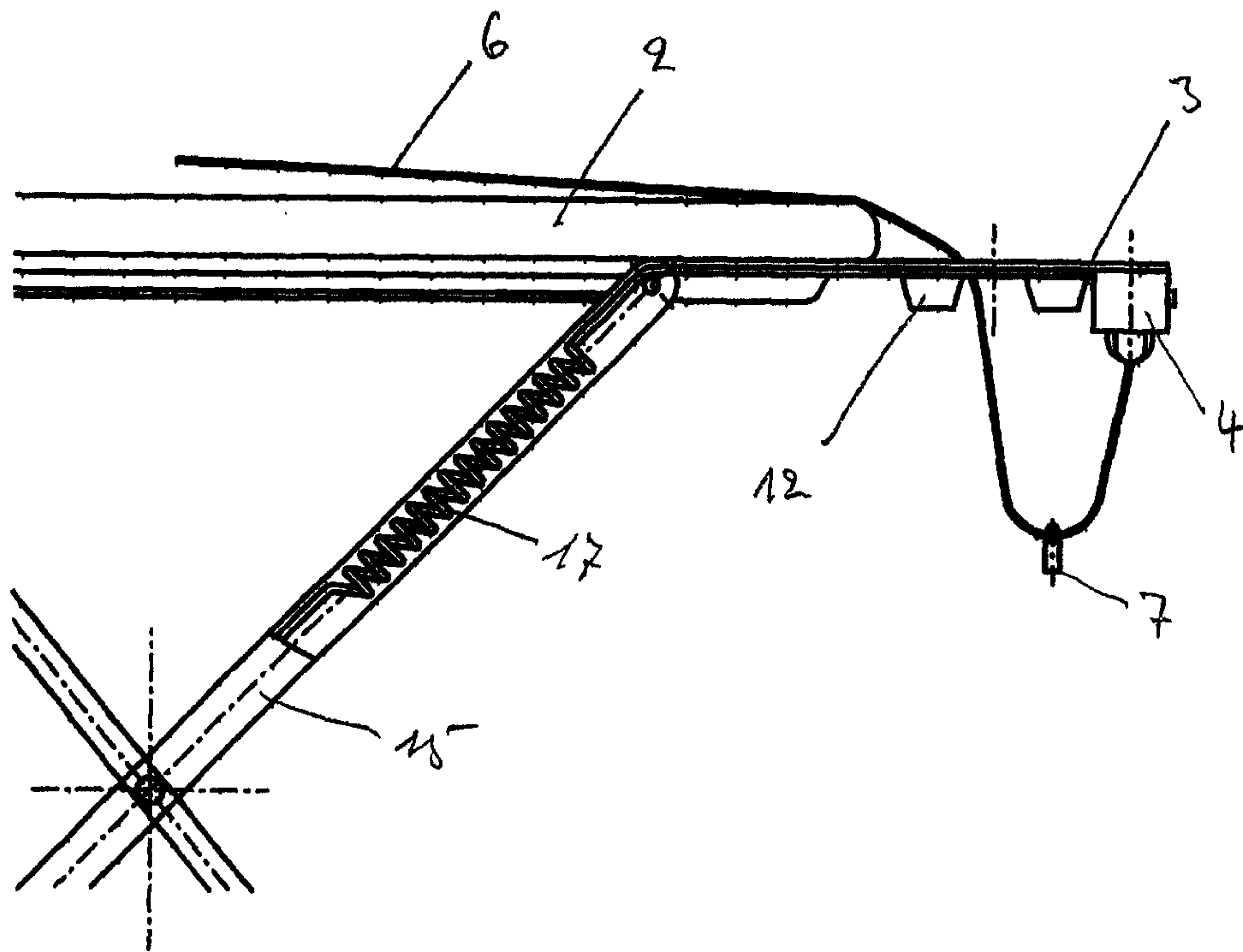


Fig. 2

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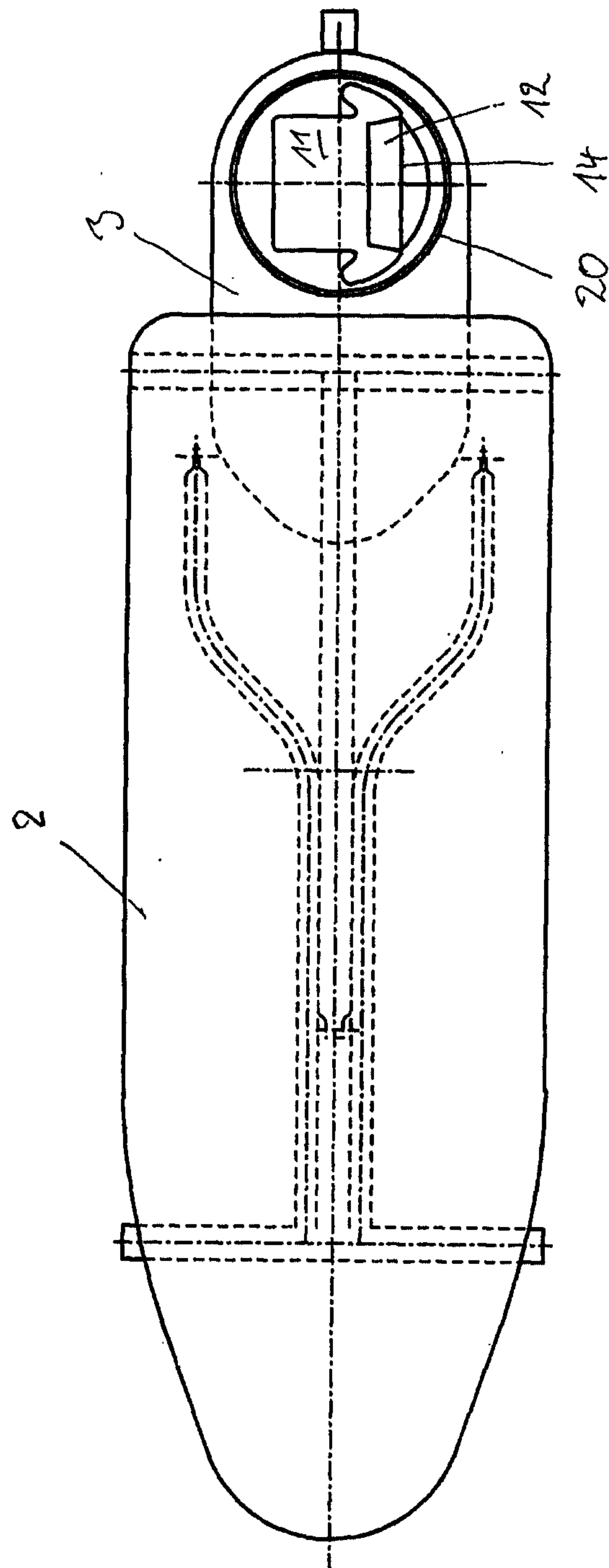


Fig. 3

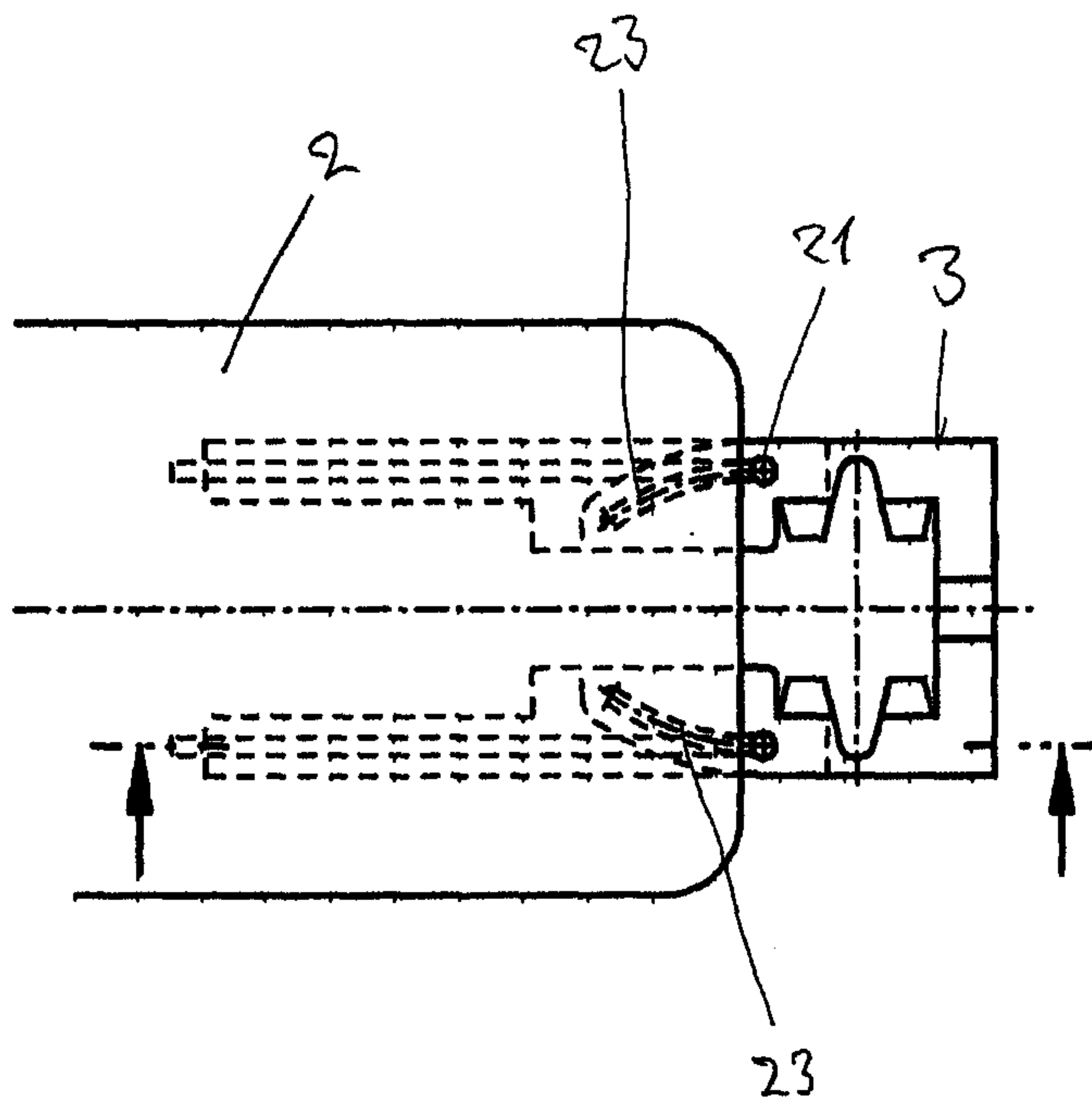


Fig. 4

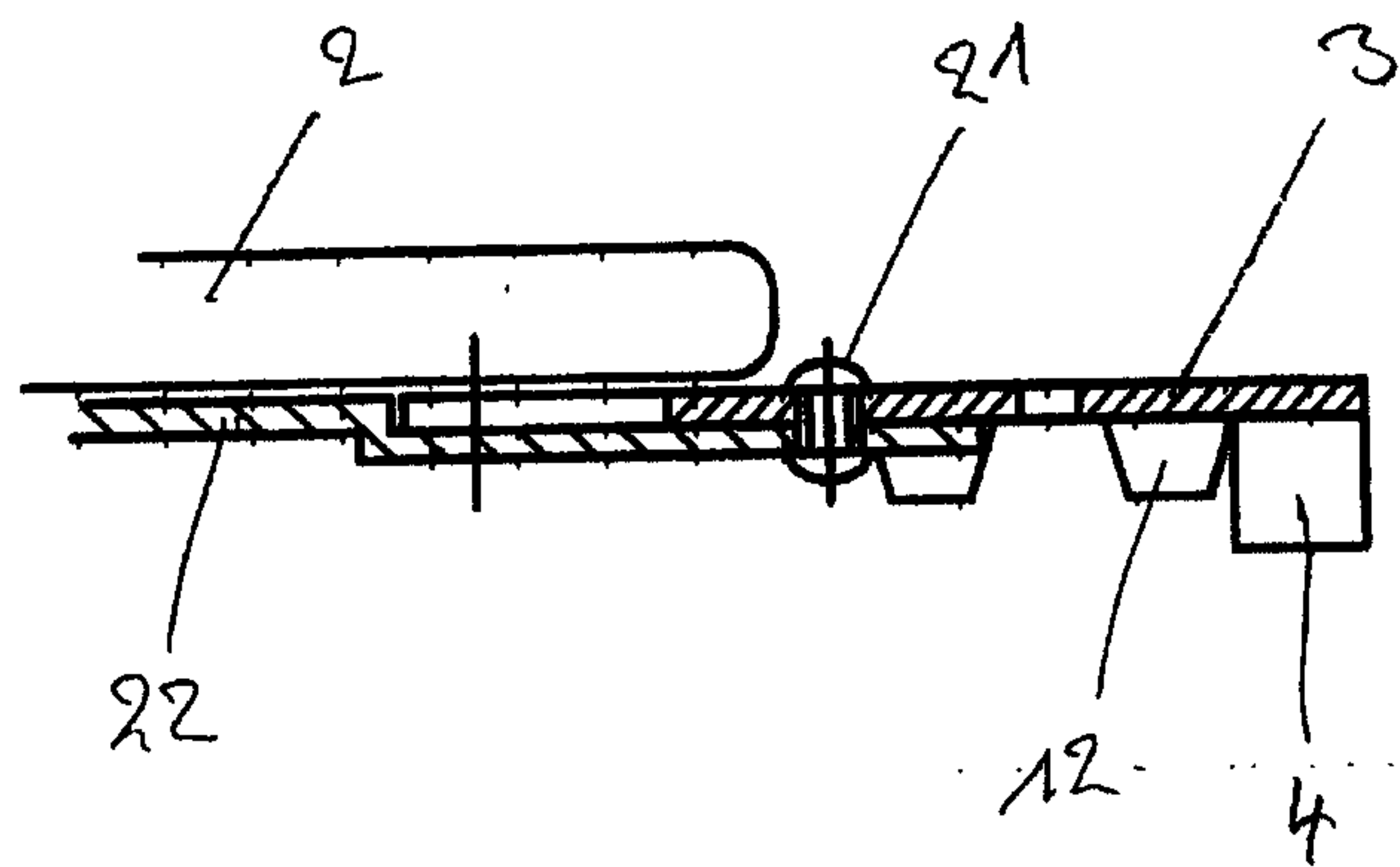


Fig. 5

