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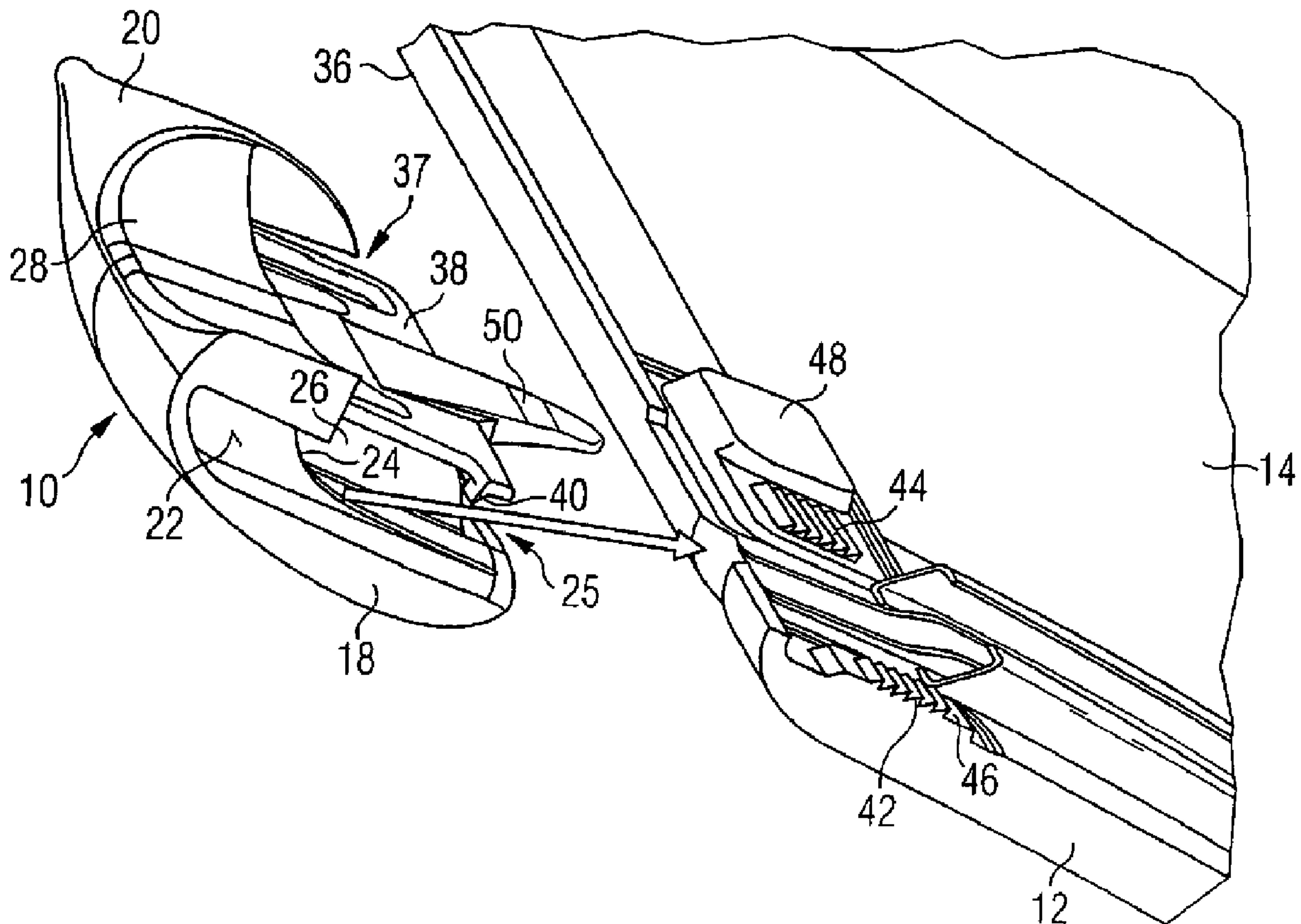
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(57) **Abrégé/Abstract:**

A gap covering device makes it possible to simplify the assembly of the first interior components in an aircraft cabin by covering minor faults in the alignment of the edge of the first aircraft interior components as well as minor irregularities of the gap between

(57) Abrégé(suite)/Abstract(continued):

the components. A gap covering device for covering a gap between two mutually adjacent first aircraft interior components comprises a visible portion as well as a retaining portion connected to the visible portion and extending opposite the visible portion. A receiving structure is fastened to an inner surface of the visible portion and/or of the retaining portion and has a receiving contour adapted to an edge contour of the first aircraft interior components. The retaining portion is sized to abut and latch into engagement with the first aircraft interior panels adjacent to the corresponding second edges of the interior panels to thereby maintain the gap covering device in a position covering the gap between the corresponding first edges of the interior panels after installation.

GAP COVERING DEVICE

ABSTRACT

A gap covering device makes it possible to simplify the assembly of the first interior components in an aircraft cabin by covering minor faults in the alignment of the edge of the first aircraft interior components as well as minor irregularities of the gap between the components. A gap covering device for covering a gap between two mutually adjacent first aircraft interior components comprises a visible portion as well as a retaining portion connected to the visible portion and extending opposite the visible portion. A receiving structure is fastened to an inner surface of the visible portion and/or of the retaining portion and has a receiving contour adapted to an edge contour of the first aircraft interior components. The retaining portion is sized to abut and latch into engagement with the first aircraft interior panels adjacent to the corresponding second edges of the interior panels to thereby maintain the gap covering device in a position covering the gap between the corresponding first edges of the interior panels after installation.

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Gap covering device

The invention relates to a gap covering device for covering a gap between two mutually adjacent first aircraft interior components as well as to an aircraft interior component group comprising such a gap covering device.

The interior trim of an aircraft passenger cabin comprises a plurality of individual panels, such as for example side panels, ceiling panels, etc. During assembly of the cabin interior trim, the individual interior trim panels are fastened to an aircraft structure. A bottom portion of the cabin side walls is generally lined by a row of juxtaposed first side panels, in which suitable window- or door apertures may also be formed. For lining a portion of the cabin side walls that remains between the first side panels and the luggage compartments disposed above the seat rows there is provided a row of juxtaposed second side panels, which may for example also carry components of the cabin lighting. As an edge of the first side panels that faces the second side panels lies in the field of vision of persons standing in the aisle of the aircraft cabin, it is particularly important for this edge to be aligned straight. Gaps that exist between two adjacent first side panels should moreover, particularly in the region of the edge of the first side panels that faces the second side panels, as far as possible have no irregularities at all. Assembly of the first side panels is therefore relatively elaborate.

The present invention is directed to the problem of providing a gap covering device for covering a gap between two mutually adjacent first aircraft interior components, which device makes it possible to cover and/or compensate minor faults in the alignment of an edge of the aircraft interior components as well as minor irregularities of the gap between the components that exist in the region of the edge of the aircraft interior components. The present invention is moreover geared to the problem of providing an aircraft interior component group that comprises such a gap covering device.

A gap covering device according to the invention for covering a gap between two mutually adjacent first aircraft interior components comprises a visible portion, the outer surface of which in the state of assembly of the gap covering device in an

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aircraft cabin forms a large part of the visible surface of the gap covering device. A retaining portion of the gap covering device according to the invention is connected to the visible portion and extends preferably substantially parallel to the visible portion opposite the visible portion. The gap covering device according to the invention moreover comprises a receiving structure, which is fastened to an inner surface of the visible portion and/or of the retaining portion and has a receiving contour that is adapted to an edge contour of the first aircraft interior components disposed adjacent to one another.

The gap covering device according to the invention may therefore be slipped, in the region of the gap between the two mutually adjacent first aircraft interior components, over an edge of the first aircraft interior components until the edge of the first aircraft interior components is received in the receiving structure of the gap covering device. In this way, minor faults in the alignment of the edge of the first aircraft interior components as well as minor irregularities of the gap between the components that exist in the region of the edge of the aircraft interior components may be compensated or at least covered. The gap covering device according to the invention therefore makes it possible to simplify the assembly of the first interior components in an aircraft cabin.

The receiving structure of the gap covering device according to the invention preferably comprises at least one first web that extends between the inner surface of the visible portion and the inner surface of the retaining portion of the gap covering device. The first web may be fastened to the inner surface of the visible portion and/or the inner surface of the retaining portion. Preferably, the first web comprises a receiving edge that has a contour adapted to the edge contour of the first aircraft interior components. In a particularly preferred embodiment of the gap covering device according to the invention, the receiving structure comprises a plurality of such first webs, wherein at least two first webs are provided for receiving in each case the edge of one of the two mutually adjacent first aircraft interior components.

Instead of the at least one first web, the receiving structure of the gap covering device according to the invention may however comprise a receiving body having a receiving surface, the contour of which is adapted to the edge contour of the first aircraft interior components. A gap covering device, which has a receiving structure comprising at least one first web, is however notable for weighing less than a gap covering device having a receiving structure comprising a receiving body.

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The gap covering device according to the invention preferably further comprises a gap distance adjusting device, which is fastened to the inner surface of the visible portion and/or the inner surface of the retaining portion of the gap covering device.

5 A width of the gap distance adjusting device is adapted to a desired width of the gap between the two mutually adjacent first aircraft interior components. The gap distance adjusting device of the gap covering device according to the invention therefore enables easy and reliable adjustment of the width of the gap between the first aircraft interior components in the region of the edge of the interior
10 components. This is advantageous particularly when the edge region of the first aircraft interior components lies in the field of vision of persons standing in the aisle of the aircraft cabin or in the field of vision of persons occupying the seats.

The gap distance adjusting device of the gap covering device according to the
15 invention preferably comprises two second webs, which are disposed substantially parallel to one another and fastened for example to an inner surface of the visible portion of the gap covering device. A distance between the second webs disposed substantially mutually parallel to one another is preferably adapted to the desired width of the gap between the two mutually adjacent first aircraft interior
20 components.

Alternatively, the gap distance adjusting device may comprise a substantially cuboidal body, which is fastened to the inner surface of the visible portion and/or the inner surface of the retaining portion of the gap covering device and the width of which is
25 adapted to the desired width of the gap between the first aircraft interior components. A gap covering device, which has a gap distance adjusting device formed by two second webs disposed substantially parallel to one another, is however notable for weighing less than a gap covering device, which has a gap distance adjusting device formed by a substantially cuboidal body.

30 In a preferred embodiment of the gap covering device according to the invention, a recess is formed in a surface of the retaining portion of the gap covering device facing away from the visible portion. A surface contour of this recess is adapted to a contour of a visible surface portion, i.e. a contour of a portion of a visible outer
35 surface of at least one second aircraft interior component, which is to be disposed adjacent to the first aircraft interior components. The gap covering device according to the invention then makes it possible to cover a connection point between the two

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first aircraft interior components and the at least one second aircraft interior component. The interaction of the recess formed in the surface of the retaining portion of the gap covering device with the corresponding visible surface portion of the at least one second aircraft interior component moreover facilitates the alignment and final adjustment of the at least one second aircraft interior component in its position in the aircraft cabin. Finally, a gap covering device having a recess formed in a surface of the retaining portion makes it possible to compensate minor irregularities in the alignment of the at least one second aircraft interior component.

The surface contour of the recess formed in the surface of the retaining portion of the gap covering device according to the invention facing away from the visible portion is preferably adapted to a contour of two visible surface portions of two mutually adjacent second aircraft interior components. The gap covering device according to the invention may then advantageously be employed at a connection point between two first and two second aircraft interior components in order to compensate and/or at least cover minor faults and/or irregularities in the alignment of these components.

The gap covering device according to the invention preferably comprises a fastening device that is adapted so as to fasten the gap covering device detachably to the mutually adjacent first aircraft interior components. In principle, any desired fastening device that allows a detachable fastening of the gap covering device to the mutually adjacent first aircraft interior components may be used.

The fastening device however preferably comprises a first detent portion, which is attached to the retaining portion of the gap covering device and adapted so as to interact with complementary second detent portions that are attachable to the mutually adjacent first aircraft interior components. The first detent portion attached to the retaining portion of the gap covering device may be of an integral design and adapted so as to interact with two second detent portions, wherein one second detent portion is attachable to each of the two mutually adjacent first aircraft interior components. Alternatively, however, the first detent portion may be of a two-part design so that each part of the detent portion is adapted so as to interact in each case with a complementary second detent portion that is attachable to a first aircraft interior component. A fastening device designed in the form of a detent device allows easy and secure assembly of the gap covering device according to the invention on the mutually adjacent first aircraft interior components.

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The first detent portion of the fastening device preferably comprises a resiliently yielding detent arm, from which at least one detent lug extends. The first detent portion is made preferably of a plastics material and may for example be formed integrally with the other components of the gap covering device according to the invention, which are made of the same material.

The second detent portions that are provided for the fastening to the mutually adjacent first aircraft interior components may comprise in each case a tooth system that is adapted so as to interact with the first detent portion, i.e. for example the detent lug provided on the first detent portion. The tooth system is preferably designed in such a way that it enables an interaction with the first detent portion, i.e. the detent lug formed on the first detent portion, in various positions. Once the second detent portions are attached to the two mutually adjacent first aircraft interior components, the gap covering device according to the invention may thus be fastened in various positions to the two mutually adjacent first aircraft components. This facilitates the compensating and/or covering of irregularities in the region of the edge of the first aircraft interior components and/or in the region of the gap formed between the components.

The tooth system of the second detent portions that allows the first detent portion attached to the gap covering device to be fastened in various fastening positions preferably comprises a plurality of detent ribs that are disposed substantially parallel to one another, so that the detent lug of the first detent portion may engage behind a desired detent rib and hence realize a fastening of the gap covering device to the two mutually adjacent first aircraft interior components in the desired position.

The gap covering device according to the invention preferably comprises a release clip, which is fastened to the first detent portion and the actuation of which allows the first detent portion to be released from the complementary second detent portions. The release clip preferably extends far enough from the first detent portion to project beyond an edge of the visible portion of the gap covering device. In the state of assembly of the gap covering device on the first aircraft interior components, the release clip moreover extends in the region of the gap between the first aircraft interior components. In order to detach the first detent portion from the second detent portion and hence detach the gap covering device according to the invention from the mutually adjacent first aircraft interior components, in a simple and

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convenient manner the release clip disposed in the region of the gap between the two mutually adjacent first aircraft interior components may be pressed and the gap covering device may then be withdrawn from the edge of the mutually adjacent first aircraft interior components. A detent device provided with a release clip therefore
5 allows particularly easy and convenient disassembly of the gap covering device according to the invention from the two mutually adjacent first aircraft interior components.

10 An aircraft interior component group according to the invention comprises two mutually adjacent first aircraft interior components as well as a gap covering device as described above, which in the region of a gap between the two mutually adjacent first aircraft interior components receives an edge of the two mutually adjacent first aircraft interior components.

15 The aircraft interior component group according to the invention moreover preferably comprises at least one second aircraft interior component disposed adjacent to the first aircraft interior components and having a visible surface portion, which is received in the recess formed in the surface of the retaining portion of the gap covering device facing away from the visible portion. Alternatively, the aircraft
20 interior component group according to the invention may comprise two mutually adjacent second aircraft interior components, wherein a gap between the two mutually adjacent second aircraft interior components extends in an extension of the gap between the two mutually adjacent first aircraft interior components.

25 An infill strip is preferably introduced into the gap between the mutually adjacent first aircraft interior components and/or into the gap between the two mutually adjacent second aircraft interior components. The infill strip is used to close the gap, this having a visually advantageous effect and moreover preventing dirt or the like from penetrating into the gap.

30 There now follows a detailed description of two preferred embodiments of the gap covering device according to the invention with reference to the accompanying diagrammatic figures, which show

35 Figure 1 a three-dimensional rear view of a first embodiment of a gap covering device according to the invention,

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Figure 2 a three-dimensional front view of the gap covering device according to Figure 1 in the state of assembly on two mutually adjacent first aircraft interior components,

5 Figure 3 a three-dimensional rear view of the gap covering device according to Figure 1 in the state of assembly on two mutually adjacent first aircraft interior components,

10 Figure 4 a representation as in Figure 3 with an infill strip covering the gap between the two mutually adjacent first aircraft interior components,

15 Figure 5 a three-dimensional representation of the gap covering device according to Figure 1 during assembly on the two mutually adjacent first aircraft interior components,

Figure 6 the representation according to Figure 5 in a part-sectional view,

Figure 7 the representation according to Figure 5 in a part-sectional side view,

20 Figure 8 a three-dimensional representation of the gap covering device according to Figure 1 in the state of assembly on two mutually adjacent first aircraft interior components in a part-sectional side view,

25 Figure 9 the gap covering device according to Figure 1 in the state of assembly in an aircraft cabin,

Figure 10 a detail of an aircraft cabin with three gap covering devices according to Figure 1, and

30 Figure 11 a three-dimensional rear view of a second embodiment of a gap covering device according to the invention.

35 A gap covering device 10 shown in Figures 1 to 10 is used to cover a gap 16 between two first aircraft interior components 12, 14. The gap covering device 10 comprises a visible portion 18, which in the state of assembly of the gap covering device 10 on the first aircraft interior components 12, 14 in an aircraft cabin (see Figures 2, 9 and 10) forms a visible region of the gap covering device 10. Extending

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substantially parallel to the visible portion 18 opposite the visible portion 18 is a retaining portion 20, which is connected to the visible portion 18 and in the state of assembly of the gap covering device 10 on the first aircraft interior components 12, 14 in the aircraft cabin (see Figures 2, 9 and 10) forms a non-visible region of the gap covering device 10. The visible portion 18 of the gap covering device 10 has a curved external contour, as does the retaining portion 20.

As may best be seen from Figures 6, 7 and 8, the gap covering device 10 comprises a receiving structure, which is formed by a plurality of first webs 22 disposed substantially parallel to one another. The first webs 22 extend between an inner surface of the visible portion 18 and an inner surface of the retaining portion 20 and have a receiving edge 24, the contour of which is adapted to an edge contour of the first aircraft interior components 12, 14. In the gap covering device 10, the first webs 22 are fastened both to the inner surface of the visible portion 18 and to the inner surface of the retaining portion 20. Alternatively, however, the first webs 22 may be attached only to the inner surface of the visible portion 18 or to the inner surface of the retaining portion 20.

The gap covering device 10 further comprises a gap distance adjusting device 25, which is evident in particular from Figures 5 and 6 and is formed by two second webs 26 disposed parallel to one another. The second webs 26 extend from the inner surface of the visible portion 18 in the direction of the retaining portion 20 and are at a distance from one another that is adapted to a desired width of the gap 16 between the first aircraft interior components 12, 14.

As is evident from Figures 1 and 3 to 8, in a surface of the retaining portion 20 facing away from the visible portion 18, i.e. in an outer surface of the retaining portion 20, a recess 28 is formed. As Figure 9 particularly reveals, a surface contour of the recess 28 is adapted to a contour of two visible surface portions, i.e. two portions of a visible outer surface of two mutually adjacent second aircraft interior components 30, 32.

In the state of assembly in the aircraft cabin, the first aircraft interior components 12, 14 serve as side panels that are provided with window apertures, while the second aircraft interior components 30, 32 are used to line a portion of the cabin side wall that extends between the first aircraft interior components 12, 14 and luggage compartments disposed above seat rows (see Figure 10). A gap 34 between two

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mutually adjacent second aircraft interior components 30, 32 extends in an extension of the gap 16 between two mutually adjacent aircraft interior components 12, 14. In an aircraft interior component group, which comprises two mutually adjacent first aircraft interior components 12, 14, two second aircraft interior components 30, 32 disposed adjacent to one another and to the first interior components 12, 14, and a gap covering device 10, the gap covering device 10 is therefore disposed in the region of an edge 36 of the first interior components 12, 14 that faces the second interior components 30, 32 at the connection point between the first and second interior components 12, 14, 30, 32.

For fastening the gap covering device 10 to the first aircraft interior components 12, 14 the gap covering device 10 comprises a first detent portion 37 having a resiliently yielding detent arm 38, which is fastened to the retaining portion 20 of the gap covering device 10. The resiliently yielding detent arm 38 of the gap covering device 10 is made of a plastics material, as are the other components of the gap covering device 10.

As may best be seen from Figures 7 and 8, from the detent arm 38 two detent lugs 40 extend, which, when the gap covering device 10 is fastened to the first aircraft interior components 12, 14, interact with a tooth system 42, 44 of two second detent portions 46, 48, which are fastened to the first interior components 12, 14. In order to guarantee a correct fastening of the gap covering device 10 to the two first aircraft interior components 12, 14, a second detent portion 46, 48 having a tooth system 42, 44 is fastened to each of the two interior components 12, 14. The tooth system 42, 44 of the second detent portions 46, 48 is formed by a plurality of detent ribs extending substantially parallel to one another. The detent lugs 40 of the first detent portion 37 fastened to the gap covering device 10 may therefore latch in different positions with the tooth system 42, 44 of the second detent portions 46, 48.

A release clip 50 is moreover fastened to the first detent portion 37 of the gap covering device 10. As is evident in particular from Figures 2 and 3, once the gap covering device 10 has been fastened to the first interior components 12, 14, the release clip 50 extends beyond a bottom edge of the visible portion 18 of the gap covering device 10 into the gap 16 formed between the mutually adjacent first aircraft interior components 12, 14. By applying pressure to the release clip 50, the detent lugs 40 attached to the detent arm 38 of the first detent portion 37 may be

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moved out of engagement with the tooth system 42, 44 of the second detent portions 46, 48.

In the assembled state of the first aircraft interior components 12, 14 and the gap covering device 10 in the aircraft cabin, the gap 16 between the mutually adjacent first interior components 12, 14 is covered by means of an infill strip 52. In a similar manner, the gap 34 between the mutually adjacent second aircraft interior components 30, 32 is covered by means of an infill strip 54. By means of the infill strips 52, 54 the visual appearance of the aircraft interior component group is improved. What is more, dirt or the like is prevented from penetrating into the gaps 16, 34 between the first aircraft interior components 12, 14 and the second interior components 30, 32.

As may best be seen in Figures 5 to 8, the gap covering device 10 during assembly on the first aircraft interior components 12, 14 in the region of the gap 16 between the first interior components 12, 14 is pushed over the edge 36 of the first aircraft interior components 12, 14 until the first edge 36 of the first aircraft interior components 12, 14 lies against the receiving edge 24 of the first webs 22. The alignment of the gap covering relative to the two first aircraft interior components 12, 14 is effected in such a way that the two second webs 26 forming the gap distance adjusting device 25 are received in the gap 16 formed between the two interior components 12, 14. Once the gap covering device 10 is positioned in such a way that the edge 36 of the first interior components 12, 14 lies securely against the receiving edge 24 of the first webs 22, the detent lugs 40 formed on the first detent portion 37 of the gap covering device 10 latch in the desired position in the tooth system 42, 44 of the second detent portions 46, 48 fastened to the first interior components 12, 14.

As is evident in particular from Figure 9, in the assembled state of the gap covering device 10 in the aircraft cabin visible surface portions of the second aircraft interior components 30, 32 lie against a surface of the recess 28 formed in the surface of the retaining portion 20 of the gap covering device 10 facing away from the visible portion 18. The gap covering device 10 therefore makes it possible to compensate or at least cover minor faults in the alignment of the edge 36 of the first aircraft interior components 12, 14 as well as minor irregularities in the adjustment of the gaps 16, 34 between the first interior components 12, 14 and/or the second interior components 30, 32.

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In order to disassemble the gap covering device 10, the infill strip 52 first has to be removed from the gap 16 between the two mutually adjacent first aircraft interior components 12, 14. Pressure may then be applied to the release clip 50 in order to
5 release the detent lugs 40 of the first detent portion 37 from the tooth system 42, 44 of the second detent portions 46, 48. After release of the detent connection between the gap covering device 10 and the first interior components 12, 14, the gap covering device 10 may easily and conveniently be withdrawn from the edge 36 of the first interior components 12, 14 and hence detached from the first interior
10 components 12, 14.

The gap covering device 10 represented in Figure 11 differs from the component shown in Figures 1 to 10 in the shape of the recess 28 formed in the surface of the retaining portion 20 facing away from the visible portion 18. The recess 28 of the
15 gap covering device 10 according to Figure 11 is suitable for interacting with differently shaped visible surface portions of two mutually adjacent second aircraft interior components. Otherwise, the construction and mode of operation of the gap covering device according to Figure 11 corresponds to the construction and mode of operation of the component shown in Figures 1 to 10.

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What is claimed is:

1. A gap covering device for covering a gap formed between two mutually adjacent first aircraft interior panels lining an interior of an aircraft, the first aircraft interior panels including first edges facing one another to define the gap and second edges that adjoin to the corresponding first edges and one another, the first and second edges being visible from the interior of the aircraft, and the device comprising
 - a visible portion facing towards the interior of the aircraft after installation,
 - a retaining portion connected to the visible portion and extending opposite the visible portion, the retaining portion sized to abut and latch into engagement with the first aircraft interior panels adjacent to the corresponding second edges to thereby maintain the gap covering device in a position covering the gap between the corresponding first edges after installation,
 - a receiving structure, which is fastened to at least one of an inner surface of the visible portion and an inner surface of the retaining portion, and has a receiving contour adapted to a contour of the second edges of the first aircraft interior panels, such that the receiving structure receives the second edges of the first aircraft interior panels after installation, and
 - a fastening device that is adapted to fasten the gap covering device detachably to the mutually adjacent first aircraft interior panels during installation, wherein the fastening device comprises a first detent portion, which is attached to the retaining portion of the gap covering device and is adapted to interact with complementary second detent portions attached to the mutually adjacent first aircraft interior panels, the first and second detent portions including at least one detent lug and detent teeth shaped with complementary shapes before installation of the gap covering device such that the at least one detent lug latches into adjustable engagement with the detent teeth to bring the retaining portion into engagement with the first aircraft interior panels,
 - wherein the gap covering device is independent and distinct from the first aircraft interior panels and is separately installed at the first aircraft interior panels.

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2. The gap covering device according to claim 1,
wherein the receiving structure comprises at least one first web, which extends between
the inner surface of the visible portion and the inner surface of the retaining portion and
has a receiving edge with a contour adapted to the edge contour of the first aircraft
5 interior panels.

3. The gap covering device according to claim 1 or 2, further comprising a gap
distance adjusting device, which is fastened to at least one of the inner surface of the
visible portion and the inner surface of the retaining portion, and has a width adapted to a
10 desired width of the gap between the two mutually adjacent first aircraft interior panels.

4. The gap covering device according to claim 3,
wherein the gap distance adjusting device comprises two second webs disposed
substantially parallel to one another, wherein a distance between the second webs
15 disposed substantially parallel to one another is adapted to the desired width of the gap
between the two mutually adjacent first aircraft interior panels.

5. The gap covering device according to any one of claims 1 to 4,
wherein a recess is formed in a surface of the retaining portion facing away from the
20 visible portion, the surface contour of which is adapted to a contour of a visible surface
portion of at least one second aircraft interior panel, the recess being shaped such that the
at least one second aircraft interior panel is received in the recess and abuts the retaining
portion after installation of the gap covering device.

25 6. The gap covering device according to claim 5,
wherein the surface contour of the recess is adapted to a contour of two visible surface
portions of two mutually adjacent second aircraft interior panels.

7. The gap covering device according to any one of claims 1 to 6,

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wherein the first detent portion comprises a resiliently yielding detent arm, from which the at least one detent lug extends.

8. The gap covering device according to any one of claims 1 to 7,
5 wherein the second detent portions each comprise a tooth system including the detent teeth that allows the second detent portions to interact with the first detent portion in various positions.

9. The gap covering device according to any one of claims 6 to 8,
10 further comprising a release clip, which is fastened to the first detent portion and the actuation of which causes the first detent portion to be released from the complementary second detent portions.

10. An aircraft interior component group comprising
15 - two mutually adjacent first aircraft interior panels lining an interior of an aircraft, the first aircraft interior panels including first edges facing one another to define the gap and second edges that adjoin to the corresponding first edges and one another, the first and second edges being visible from the interior of the aircraft, and
- a gap covering device according to any one of claims 1 to 11, which is installed at the
20 first aircraft interior panels in the region of a gap formed between the first edges of the first aircraft interior panels by receiving the second edges of the first aircraft interior panels.

11. The aircraft interior component group according to claim 10,
25 further comprising at least one second aircraft interior panel disposed adjacent to the first aircraft interior panels and having a visible surface portion, which is received in the recess formed in the surface of the retaining portion of the gap covering device facing away from the visible portion, the recess being shaped such that the at least one second aircraft interior panel is received in the recess and abuts the retaining portion after
30 installation of the gap covering device.

12. The aircraft interior component group according to claim 10 or 11,
further comprising an infill strip that is introduced into the gap between the two mutually
adjacent first aircraft interior panels, wherein the infill strip is independent and distinct
5 from the first aircraft interior panels and also independent and distinct from the gap
covering device, such that the infill strip is separately installed at the first aircraft interior
panels.

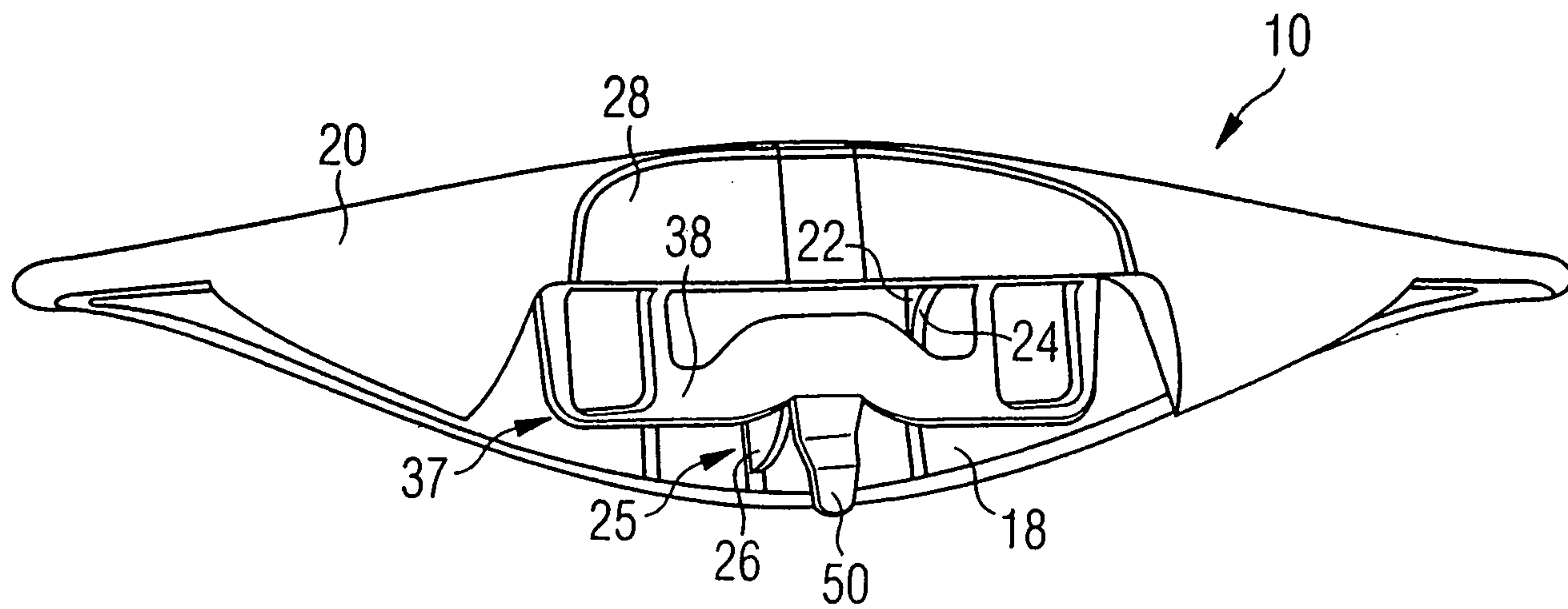


Fig. 1

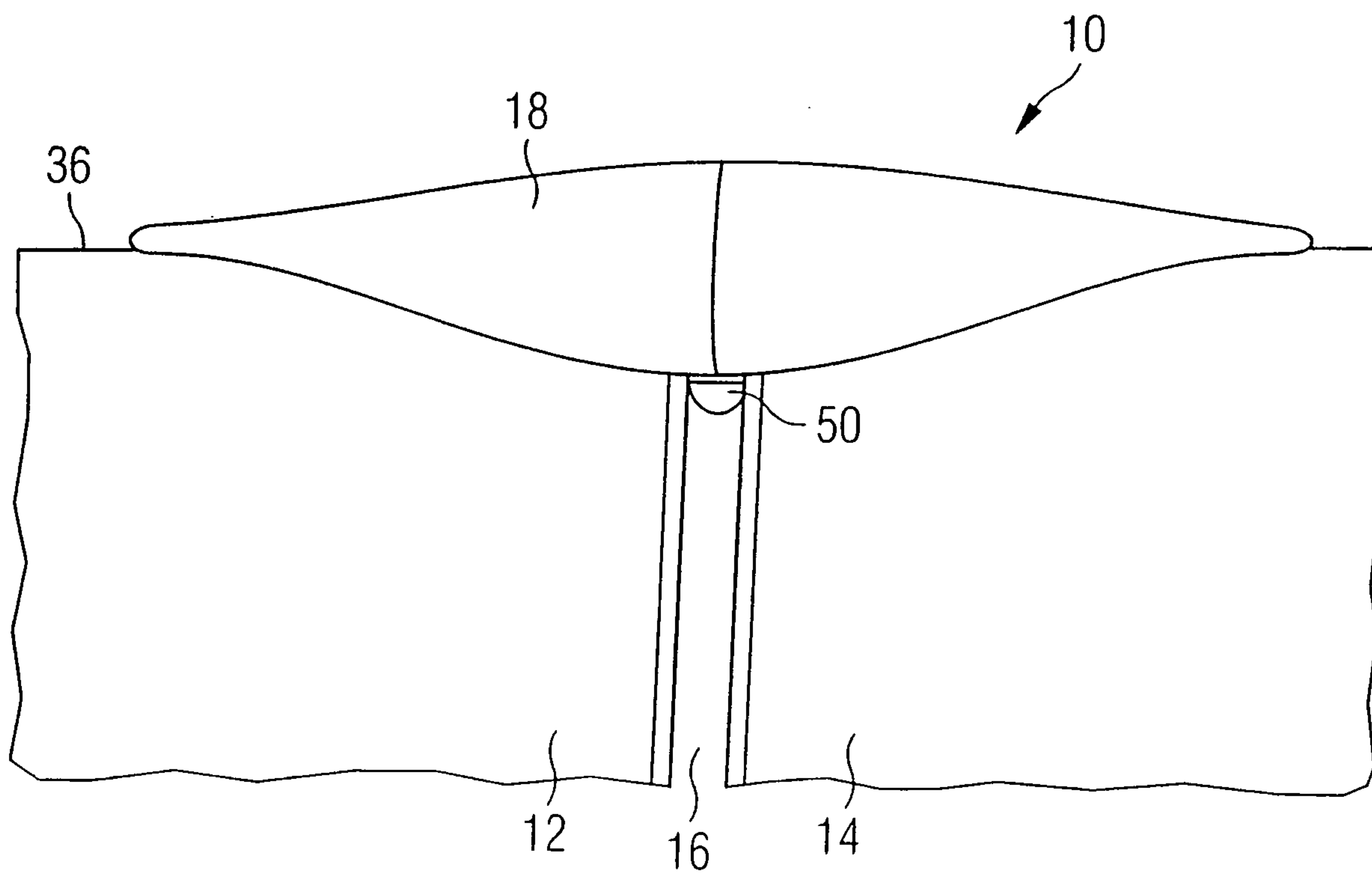


Fig. 2

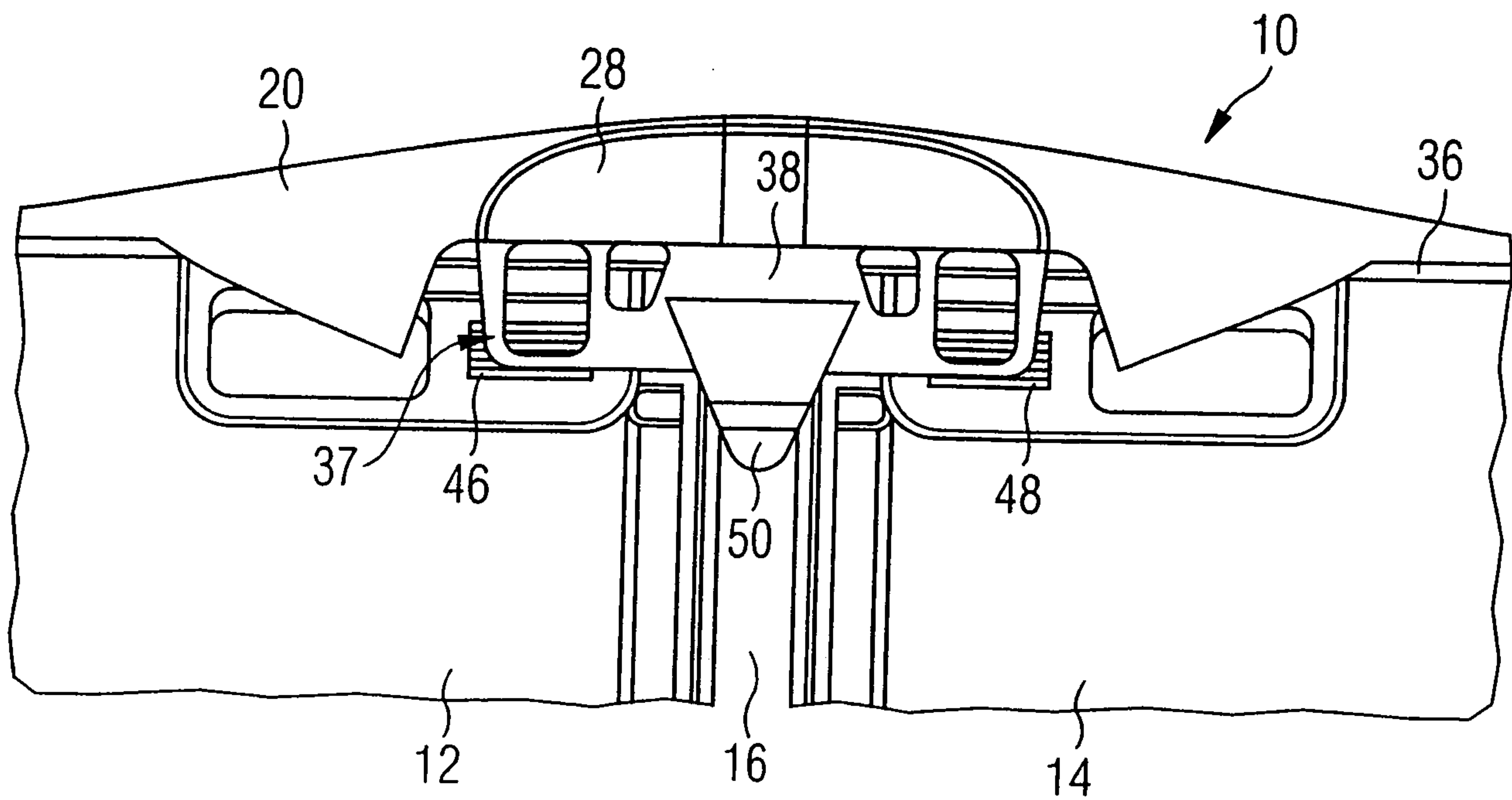


Fig. 3

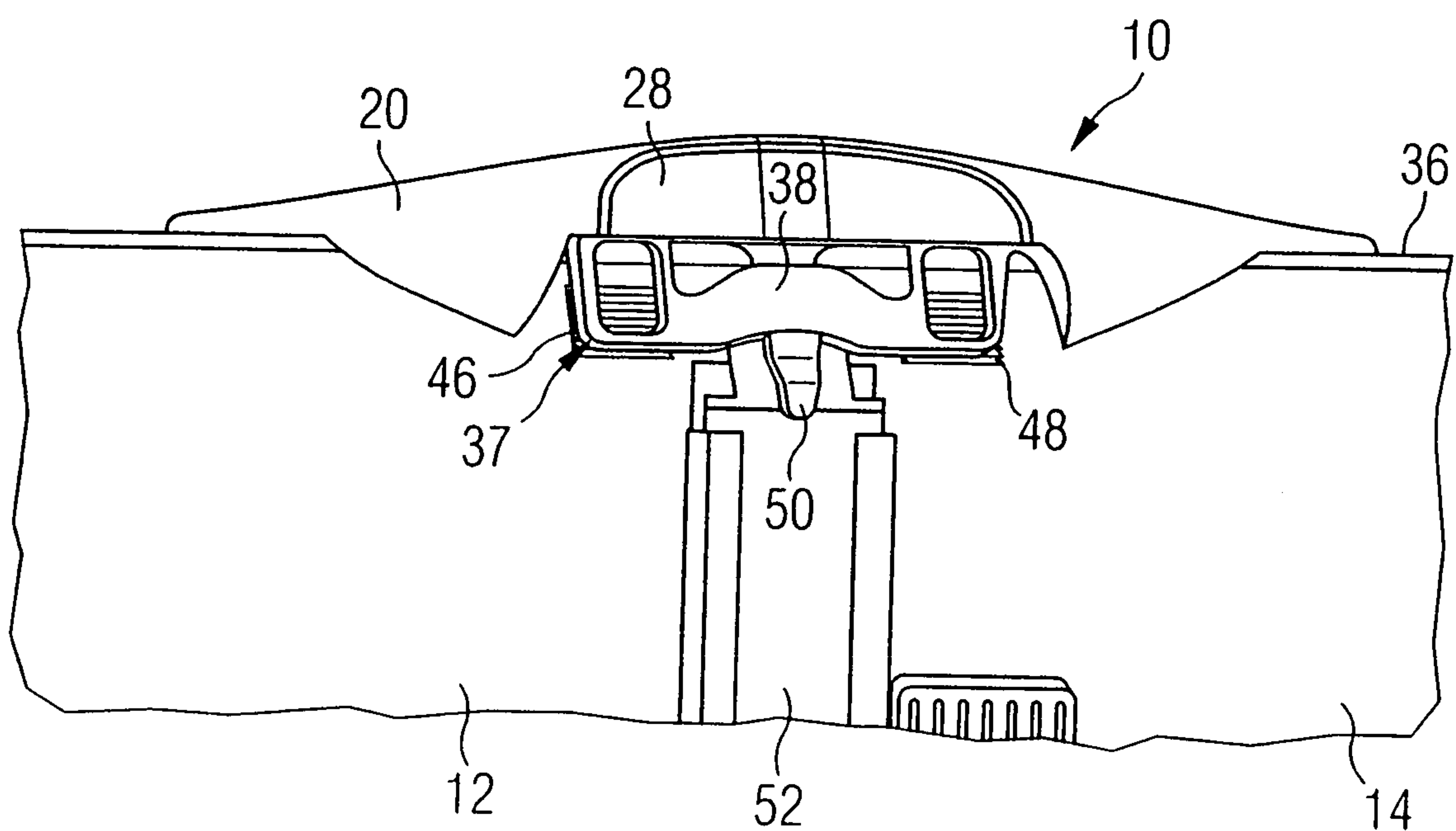
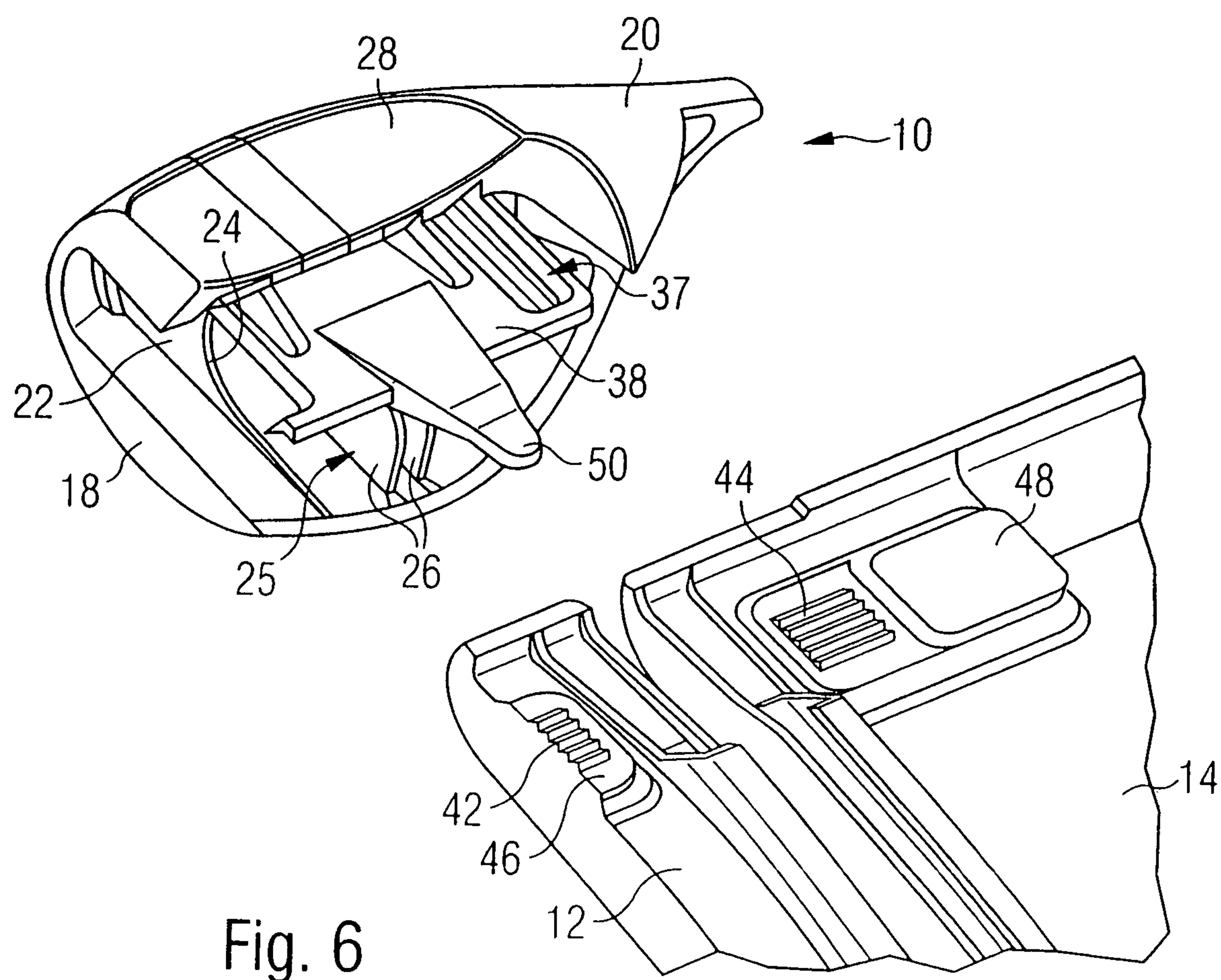
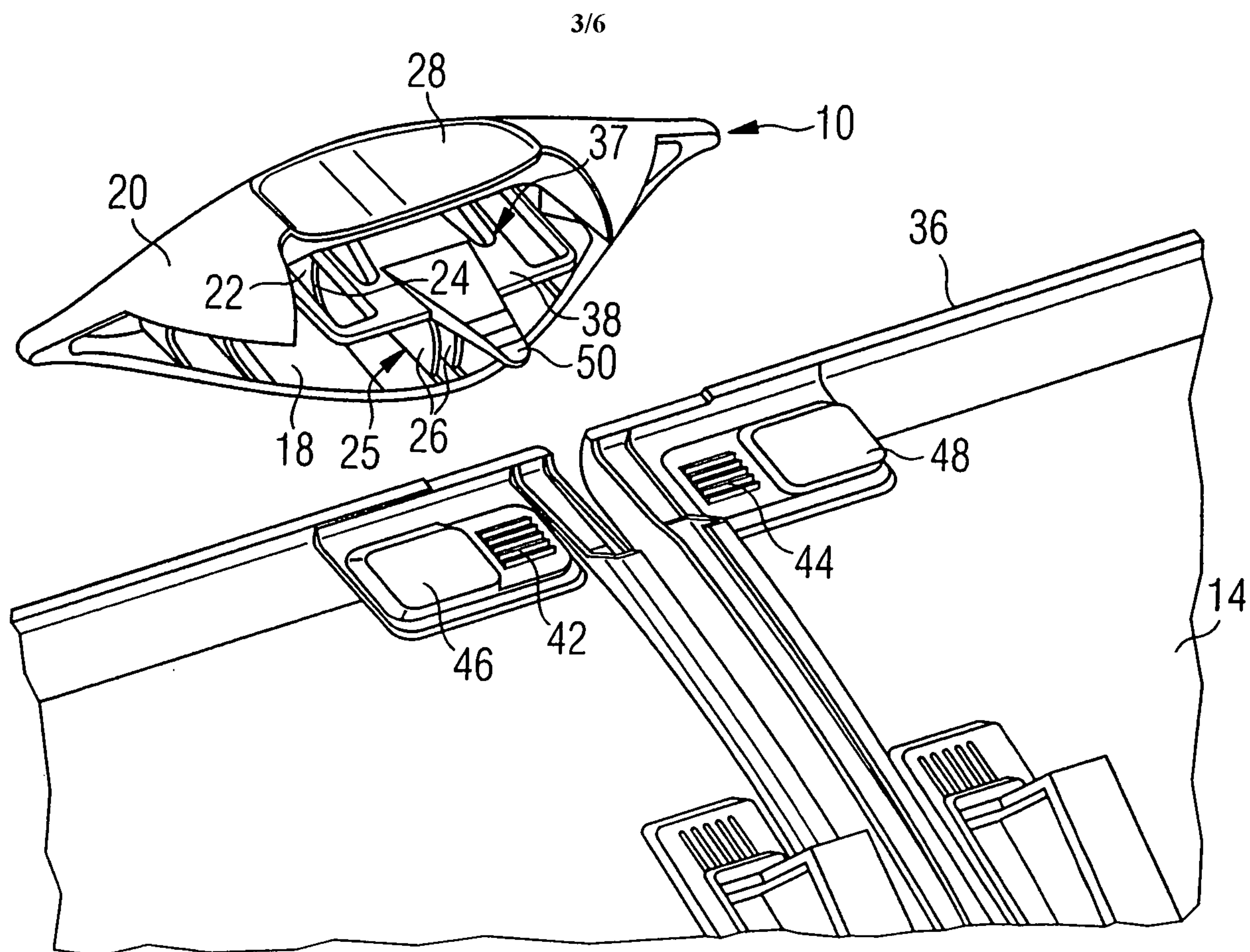
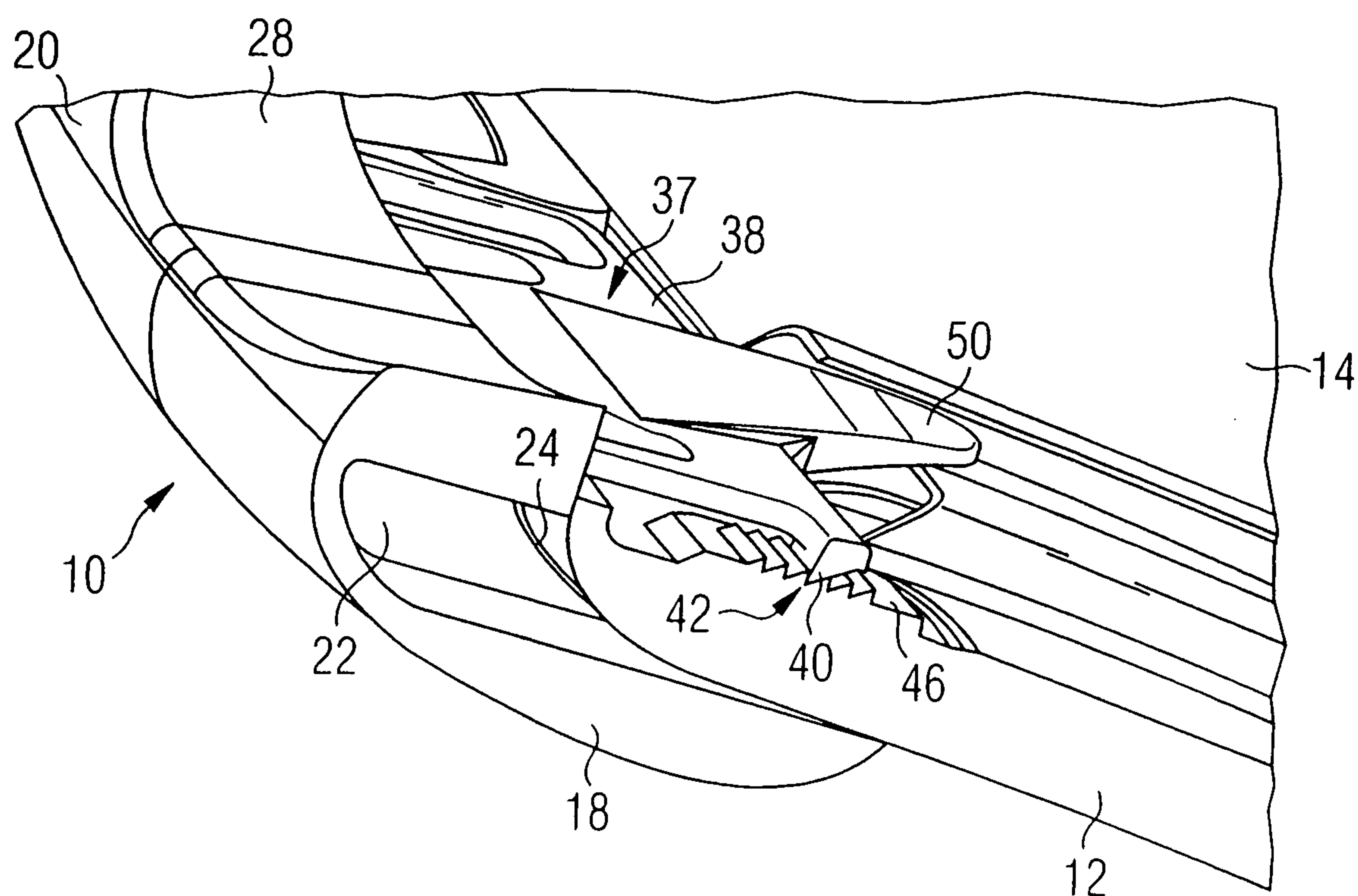
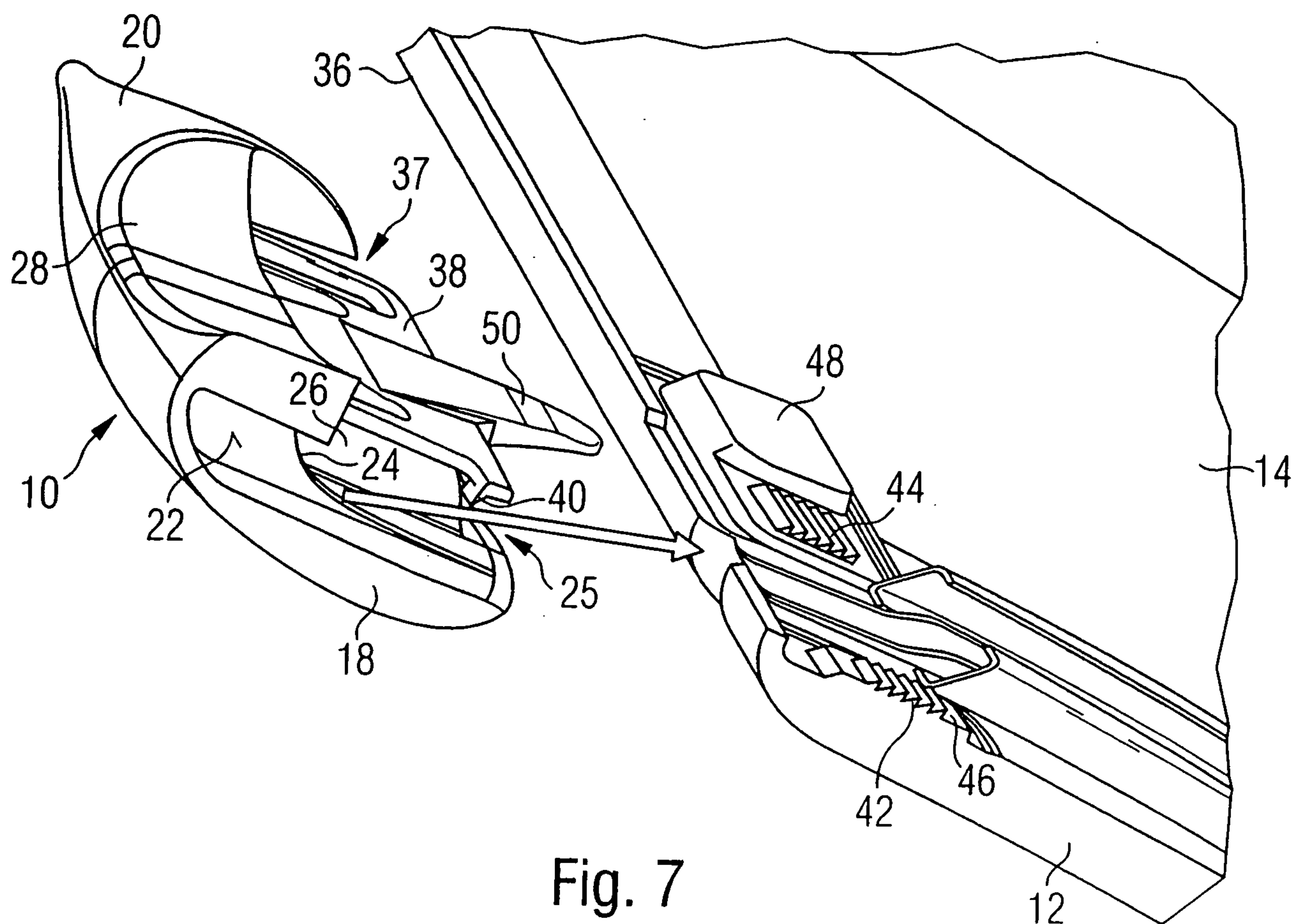


Fig. 4





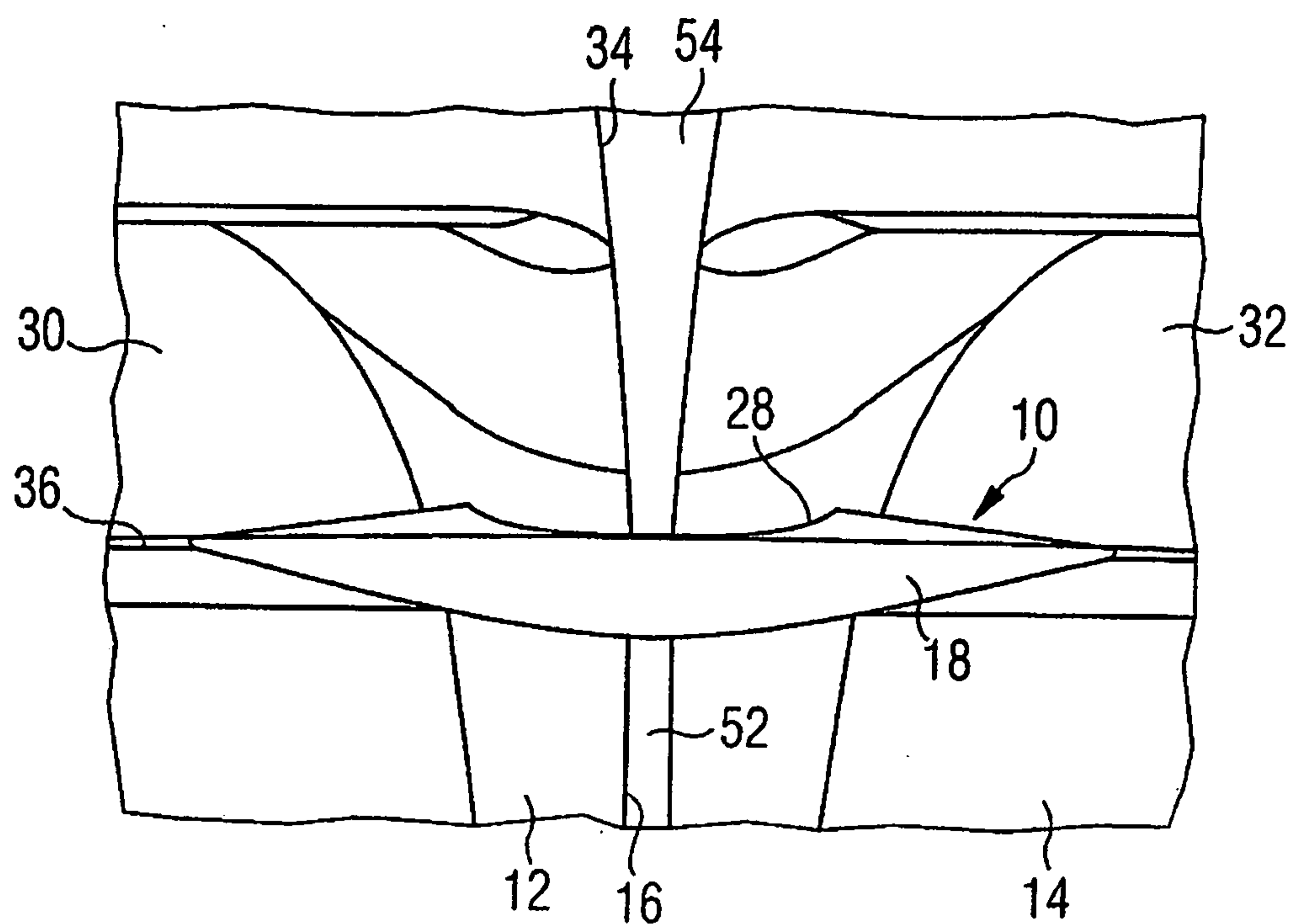


Fig. 9

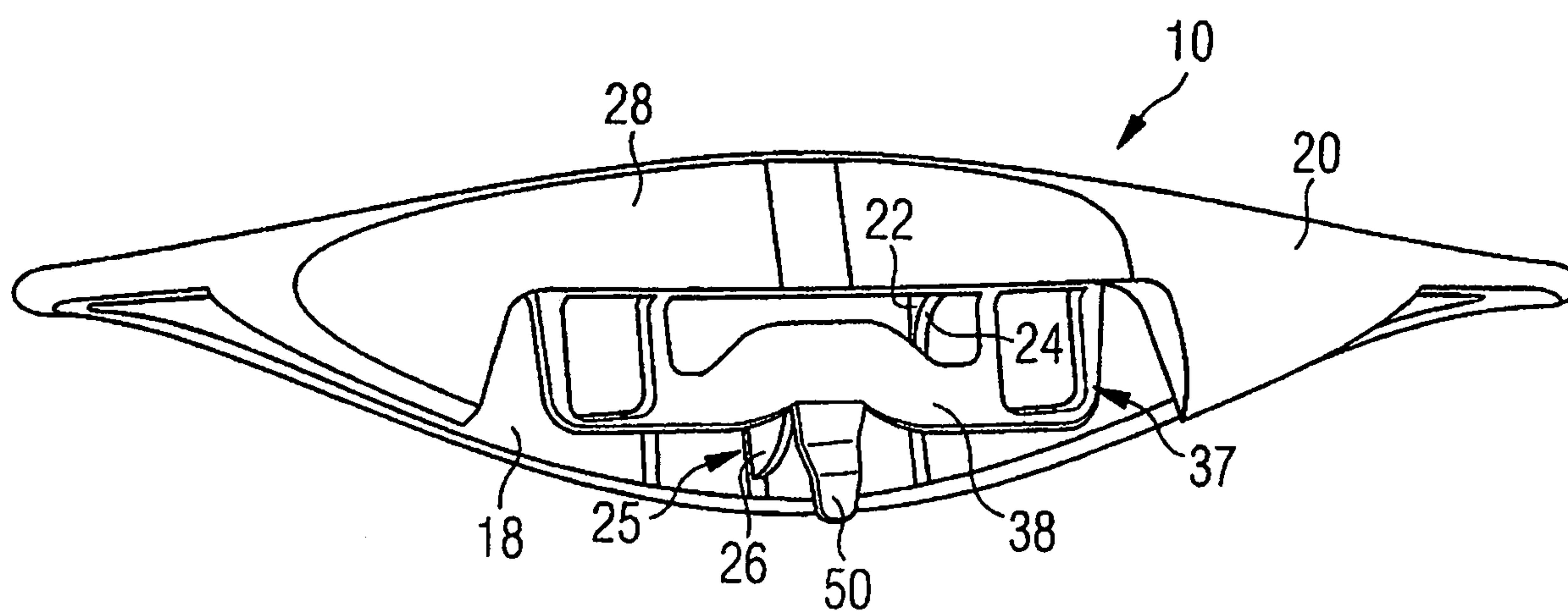


Fig. 11

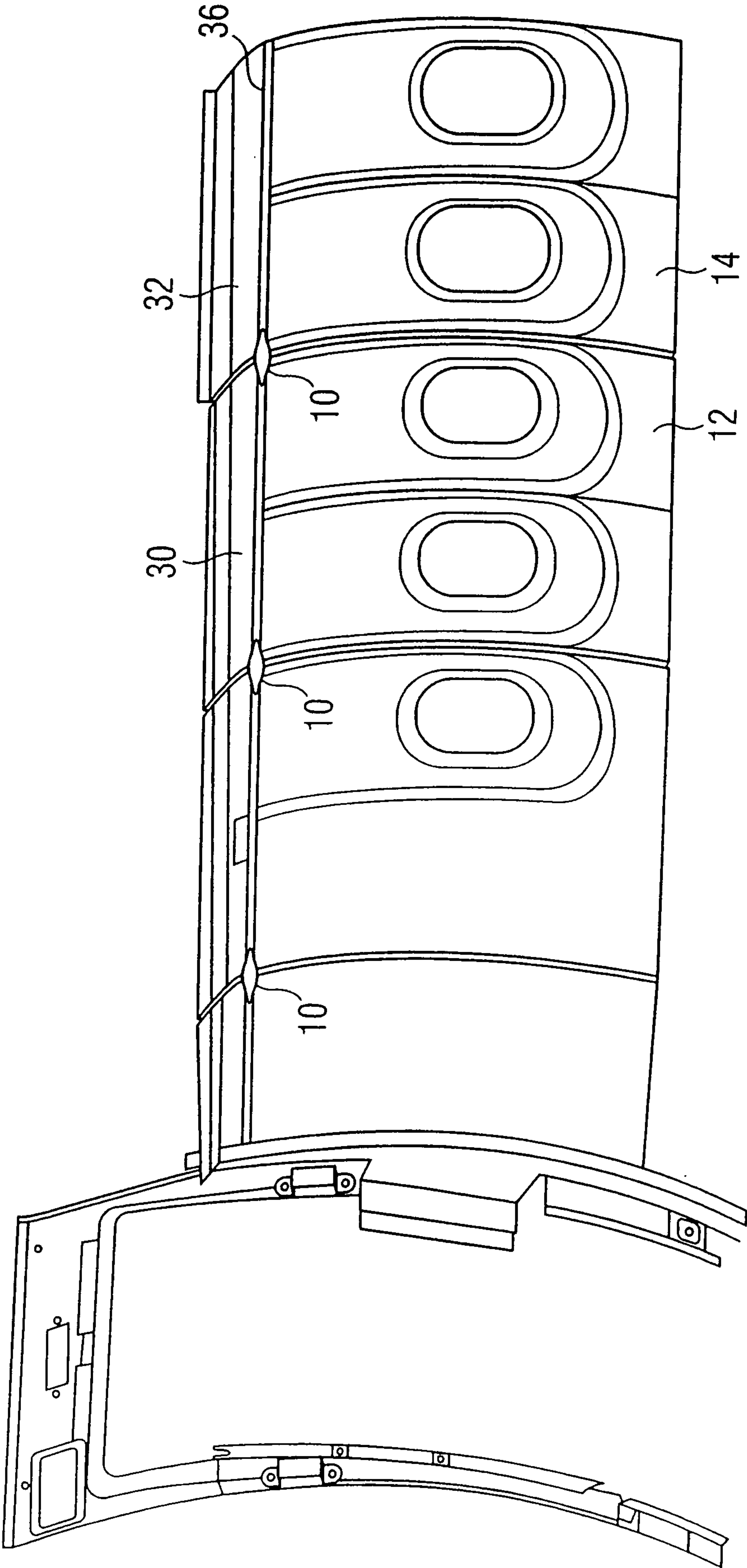


Fig. 10

