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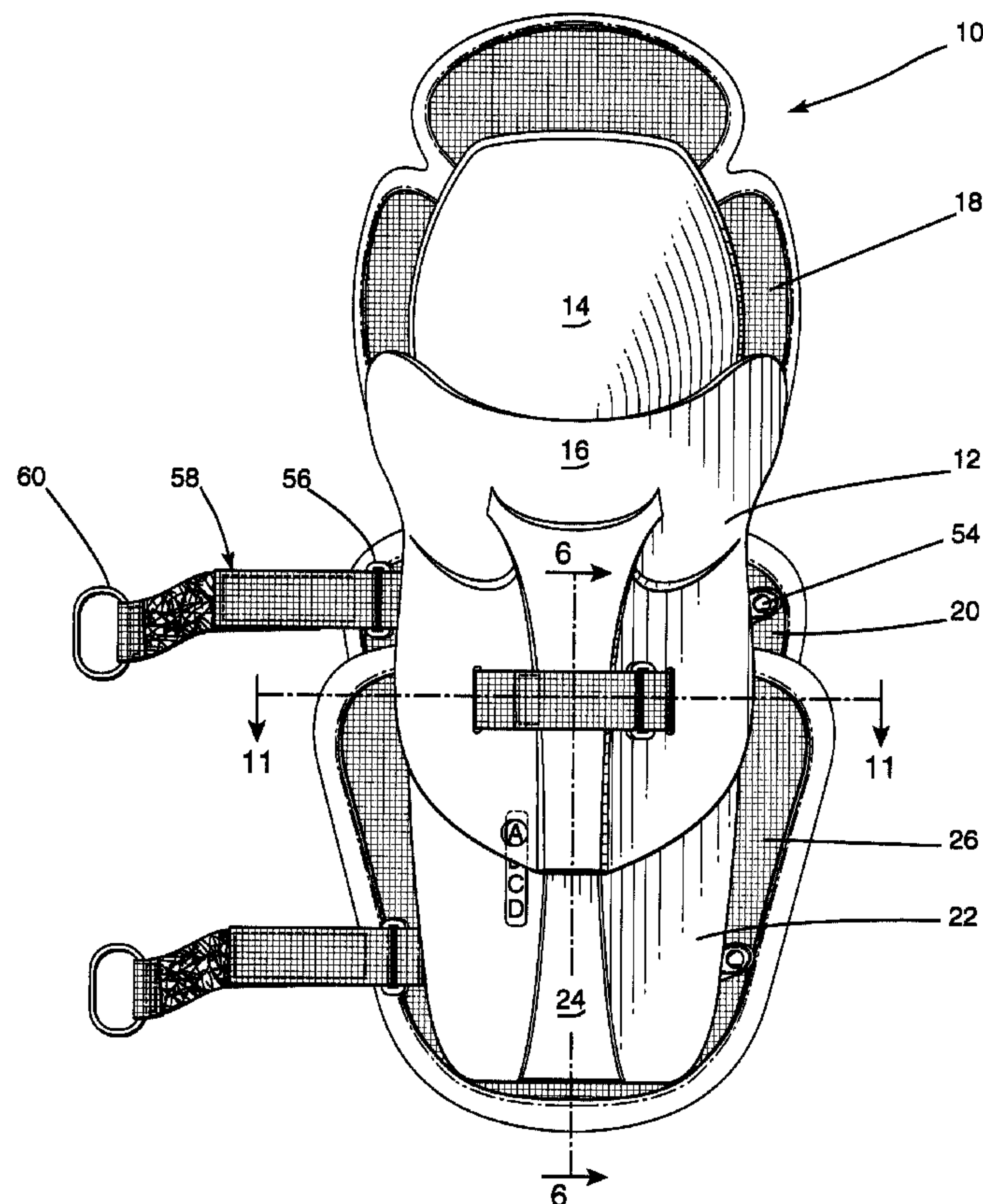
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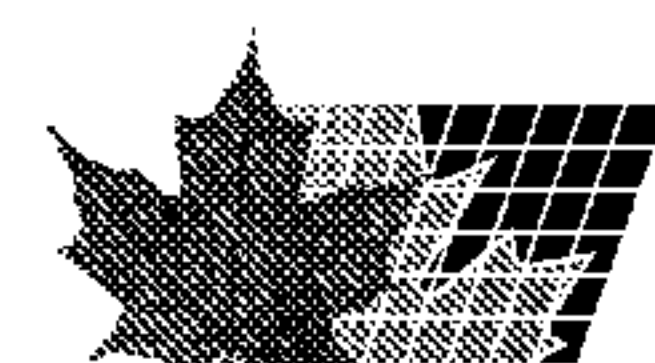
(54) Titre : PROTEGE-TIBIA EXTENSIBLE

(54) Title: EXTENSIBLE LEG PAD



(57) Abrégé/Abstract:

An extensible leg pad including an upper portion and a lower portion. The upper portion comprises a rigid knee shield and a first rigid shin, and the lower portion comprises a second rigid shin shield. These shields comprise overlapping surfaces that allow adjustment of the overall length of the pad. The pad also comprises a belt which secures together the upper and lower portions and which is responsive to tension for pressing the overlapping surfaces together at a contacting area.



## ABSTRACT OF THE SPECIFICATION

An extensible leg pad including an upper portion and a lower portion. The upper portion comprises a rigid knee shield and a first rigid shin, and the lower portion comprises a second rigid shin shield. These shields comprise overlapping surfaces that allow adjustment of the overall length of the pad. The pad also comprises a belt which secures together the upper and lower portions and which is responsive to tension for pressing the overlapping surfaces together at a contacting area.

**EXTENSIBLE LEG PAD****FIELD OF THE INVENTION**

The invention relates to an extensible leg pad for use as protective gear in contact sports,  
5 especially hockey.

**BACKGROUND OF THE INVENTION**

Hockey leg protectors conventionally have a flexible elongated padding liner positionable  
around the front of user's leg from the ankle to above the knee (note that common terms such as  
10 "shin guards" or "shin pads" are therefore slightly misleading since protection for the knee is also  
provided). Rigid or semi-rigid shield members such as rigid plastic knee shield and rigid plastic shin  
shield are sewn or riveted to the padding liner. The knee shield moves with the knee when the user  
flexes his leg simply by the flexibility of the padding liner. Usually, the length of the leg pad is  
fixed, but some prior pads allowed adjustments in length.

15 U.S. Patent No. 5,732,411 discloses a protective pad having two adjustable portions which  
may be secured together at varying relative positions in order to adjust the pad length. More  
particularly, the pad includes an upper sliding section and a lower sliding section which comprises  
a mateable portion. The upper sliding section comprises a knee protector and a base portion which  
comprises a mateable portion including openings. The base portion has an opening which is similar  
20 in size and configuration to the openings of the mateable portion. These openings can be brought  
into registry with the opening of the base portion and an element can then be inserted for locking the  
two sliding sections in place.

U. S. Patent No. 5,652,956 discloses an adjustable shin pad having a lower portion slidable  
with respect to an upper portion by virtue of one or more slotted holes in either or both of the upper  
25 portion and/or lower portion. Bolts and T-nuts are used in the slots to secure the upper and lower

portions together.

Canadian Patent No.647,906 discloses a leg pad comprising a knee guard, a shin guard and an instep guard with flexible portions. The flexible portion located between the knee and shin guards comprises additional sets of eyelets which may be aligned with the corresponding opening  
5 in the shin guard. Thus, to make the leg guard shorter or longer, different eyelets may be aligned with the openings for securing the flexible portion to the shin guard.

While these prior pads provide length adjustments, they require use of bolts, screws, nuts or another element for adjusting the length of the pad and for securing together the two adjustable sections of the pad through registry of slots or openings.

10 Thus, there is a need in the industry for a pad which provides an easier way to adjust and secure together the different adjustable portions of the pad.

In accordance with a first broad aspect, the invention provides an extensible leg pad including an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin, the  
15 upper portion further comprising front and rear faces. The extensible leg pad also includes a lower portion comprising front and rear faces and a second shin shield positionable along and partially around the user's shin, the first and second shin shields having respective first and second overlapping surfaces. The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes a belt for securing  
20 together the upper and lower portions, the belt encircling the overlapping surfaces and engaging the rear face of one of the upper and lower portions. The belt is responsive to tension for pressing the overlapping surfaces together thereby preventing the upper and lower portions from sliding one relative to the other.

In accordance with a second broad aspect, the invention provides an extensible leg pad  
25 including an upper portion comprising a knee shield for covering a substantial part of a front surface

of a user's knee and a first shin shield positionable along and partially around the user's shin. The extensible leg pad also includes a lower portion comprising a second shin shield positionable along and partially around the shin, the first and second shin shields having respective first and second overlapping surfaces. The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes a belt for securing together the upper and lower portions, the belt being responsive to tension for pressing the overlapping surfaces at a contacting area. The belt comprises a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of the strap.

In accordance with a third broad aspect, the invention provides an extensible leg pad including an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin. The extensible leg pad also includes a lower portion comprising a second shin shield positionable along and partially around the shin, the first and second shields having respective first and second overlapping surfaces. The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes at least one strap assembly having a hook secured on one side of the pad, a ring secured on the other side of the pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein the loop engages with the hook. The extensible leg pad also includes a belt for securing together the upper and lower portions, the belt being responsive to tension for pressing the overlapping surfaces at a contacting area.

In accordance with a fourth broad aspect, the invention provides an extensible leg pad including an upper portion comprising front and rear faces and a knee shield for covering a substantial part of a front surface of a user's knee. The extensible leg pad also includes a lower portion comprising front and rear faces and a shin shield positionable along and partially around the user's shin, the knee and shin shields comprising respective first and second overlapping surfaces.

The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes a belt for securing together the upper and lower portions, the belt encircling the overlapping surfaces and engaging the rear face of one of the upper and lower portions. The belt is responsive to tension for pressing the overlapping surfaces together thereby preventing the upper and lower portions from sliding one relative to the other.

In accordance with a fifth broad aspect, the invention provides an extensible leg pad including an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee. The extensible leg pad also includes a lower portion comprising a shin shield positionable along and partially around a user's shin, the knee and shin shields comprising respective first and second overlapping surfaces. The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes a belt for securing together the upper and lower portions, the belt being responsive to tension for pressing the overlapping surfaces together at a contacting area. The belt comprises a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of the strap.

In accordance with a sixth broad aspect, the invention provides An extensible leg pad including an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee. The extensible leg pad also includes a lower portion comprising a shin shield positionable along and partially around a user's shin, the knee and shin shields comprising respective first and second overlapping surfaces. The upper and lower portions are slidable one relative to the other to allow adjustment of the overall length of the pad. The extensible leg pad further includes at least one strap assembly having a hook secured on one side of the pad, a ring secured on the other side of the pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein the loop engages with the hook. The extensible leg pad also includes a belt for securing together the upper and lower portions, the belt being responsive to tension for pressing the overlapping surfaces together at a contacting area.

In accordance with a seventh broad aspect, the invention provides a leg pad including an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin. The knee shield and the first shin shield are secured to an upper padding liner positionable over the knee and along and partially around the shin. The leg pad also includes a lower portion comprising a second shin shield positionable along and partially around the shin which is secured to a lower padding liner positionable along and partially around the shin. The leg pad further includes at least one strap assembly having a hook secured on one side of the pad, a ring secured on the other side of the pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein the loop engages with the hook.

Other objects and features of the invention will become apparent by reference to the following specification and to the drawings.

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

A detailed description of the embodiments of the invention is provided herein with reference to the following drawings, wherein:

Figure 1 is a front elevational view of an adjustable pad constructed in accordance with the invention;

Figure 2 is a front view of the pad illustrated in figure 1 in which the pad is shown in two portions;

5 Figure 3 is a rear view only showing knee shield and shin shields of the pad illustrated in figure 1;

Figure 4 is an enlarged front view of a strap assembly of the pad illustrated in figure 1;

Figure 5 is an enlarged side view of the strap illustrated in figure 4;

10 Figure 6 is an enlarged partial side cross-sectional view showing contacting portions of the pad illustrated in figure 1;

Figure 7 is an enlarged partial side cross-sectional view showing contacting portions constructed in accordance with a first variant;

Figure 8 is an enlarged partial side cross-sectional view showing contacting portions constructed in accordance with a second variant;

15 Figure 9 is an enlarged partial side cross-sectional view showing contacting portions constructed in accordance with a third variant;

Figure 10 is an enlarged partial side cross-sectional view showing contacting portions constructed in accordance with a fourth variant;

Figure 11 is an enlarged sectional view taken along lines 11-11 of figure 1;

20 Figure 12 is an enlarged rear view of a strap frame for the pad illustrated in figure 1; and

Figure 13 is a sectional view taken along lines 13-13 of figure 12;

In the drawings, the preferred embodiment of the invention is illustrated by way of example. It is to be expressly understood that the description and drawings are only for the purpose of illustration and as an aid to understanding, and are not intended as a definition of the limits of the invention.

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## DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Figures 1 to 3 illustrate an extensible leg pad constructed in accordance with the present invention which is generally designated by the reference numeral 10. The pad 10 includes an upper portion 12 comprising a rigid knee shield 14 for covering a substantial part of a front surface of user's knee and a first rigid shin shield 16 along and partially around user's shin. The knee shield 14 is secured to a knee padding liner 18 which partially wraps the knee and the shin. The first rigid shin shield 16 is secured to a first shin padding liner 20 which partially wraps the shin.

The pad 10 further includes a lower portion 22 comprising a second rigid shin shield 24 along and partially around the shin. The second rigid shin shield 24 is secured to a second shin padding liner 26 which partially wraps the shin. The first and second shin padding liners 20 and 26 are designed in order that an upper portion of the second shin padding liner 26 overlaps a lower portion of the first shin padding liner 20 when the upper and lower portions 12 and 22 are secured together.

The pad 10 also includes a strap assembly 52. The strap assembly 52 comprises a hook 54 secured on one side of the pad 10, a ring 56 secured on the other side of the pad 10 and an adjustable strap 58. As best seen on figures 4 and 5, the adjustable strap 58 has a loop 60 at one end and loops and hooks sections 62 and 64. In use, the end of the strap 58 is passed through the ring 56 and once the desired length is obtained, the user presses together the loops and hooks sections 62 and 64 for securing the desired length of the adjustable strap 58. Once such a length is set, the user simply attaches the loop 60 to the hook 54 and no further adjustment is required for subsequent uses. If another user wears the pad 10, or if the size of the legs of the same user grows, the length of the strap 58 may be adjusted again by doing the same operation.

With references to figures 2 and 3, the first and second rigid shin shields 16 and 24 comprise longitudinal apertures 28 and 30 for allowing passage of a strap 38. Moreover, these rigid shin shields 16 and 24 comprise overlapping surfaces 33 and 35 capable of preventing movement between

the upper and lower portions 12 and 22 at a contacting area when a belt 32 is secured in place. More particularly, these overlapping surfaces 33 and 35 comprise respective contacting portions 34 and 36 made of rubber having a friction coefficient which is sufficient for preventing movement between the upper and lower portions 12 and 22 when the belt 32 is secured in place. As seen on figure 6, a contacting area C is defined when these contacting portions 34 and 36 are press together by the action of the belt 32.

Figure 7 illustrates a variant wherein the overlapping surface 33 comprises a contacting portion 134 having a loops section and the overlapping surface 35 comprises a contacting portion 136 having a hooks section. Again, these contacting portions 134 and 136 are capable of preventing movement between the upper and lower portions 12 and 22 when the belt 32 is in place.

Figure 8 illustrates a second variant wherein the overlapping surfaces 33 and 35 comprise respectively contacting portions 234 and 236 having toothed sections. The shape of the teeth may allow movement of the upper portion 12 relative to the lower portion 22 while also allowing mechanical engagement between these upper and lower portions 12 and 22, and preventing movement between these portions 12 and 22 when the belt 32 is in place. Figures 9 and 10 illustrate a third and fourth variant respectively. In figure 9, the shape of the teeth of contacting portions 334 and 336 may allow an easier movement of the upper and lower portions 12 and 22 relative to each other when adjusting the length of the pad 10. In figure 10, the shape of teeth of contacting portions 434 and 436 may allow a better mechanical engagement between the upper and lower portions 12 and 22. Again, these contacting portions 334 and 336, and 434 and 436, are capable of preventing movement between the upper and lower portions 12 and 22 when the belt 32 is in place.

With references to figures 11 to 13, the belt 32 comprises a nylon strap 38 having at one extremity a ring 40, and at the other extremity, a loops section 42 which can be joined with a hooks section 44. The belt 32 also comprises a strap frame 46 having two longitudinal apertures 48 allowing passage of the strap 38. As seen on figure 13, the strap frame 46 has a curvature that

substantially follows the curvature of the rigid shin shields 16 and 24.

In use, the user thus moves the upper portion 12 relative to the lower portion 22 until he has obtained the desirable length of the pad 10. Note that a length indicator 50 applied on the lower portion 22 will give to the user the length of the pad by reading through the hole 52. Once the  
5 desirable length is obtained, the user then pulls the extremity of the strap 38 and presses together the loops and hooks section 42 and 44. Hence, the upper and lower portions 12 and 22 are secured together since no movement is possible due to the joining action between the contacting portions of the overlapping surfaces 33 and 35 at the contacting area C.

It is understood that the knee, first and second shields may have a configuration, and may  
10 be made of a material which provides sufficient protection while also offering sufficient comfort in order to avoid use of padding liners. It is also understood that the first portion may only comprise a knee shield while the second portion may comprise a longer shin shield.

The above description of the preferred embodiment should not be interpreted in any limiting manner since variations and refinements are possible which are within the spirit and scope  
15 of the present invention. The scope of the invention is defined in the appended claims and their equivalents.

CLAIMS:

1. An extensible leg pad comprising:
  - a) an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin, said upper portion further comprising front and rear faces;
  - b) a lower portion comprising front and rear faces and a second shin shield positionable along and partially around the user's shin, said first and second shin shields having respective first and second overlapping surfaces;
  - c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad; and
  - d) a belt for securing together said upper and lower portions, said belt encircling said overlapping surfaces and engaging the rear face of one of said upper and lower portions, said belt being responsive to tension for pressing said overlapping surfaces together thereby preventing said upper and lower portions from sliding one relative to the other.
2. The extensible leg pad as defined in claim 1, wherein a portion of said first and second overlapping surfaces has a projection.
3. The extensible leg pad as defined in claim 2, wherein said projection comprises a toothed section.
4. The extensible leg pad as defined in claim 1, wherein a portion of one of said first and second overlapping surfaces is made of rubber.
5. The extensible pad as defined in claim 1, wherein a portion of said first and second overlapping surfaces has respective loops and hooks sections.

6. The extensible leg pad as defined in claims any one of claims 1 to 5, wherein said first and second shin shields comprise longitudinal apertures allowing passage of said belt.
- 5 7. The extensible leg pad as defined in any one of claims 1 to 6, wherein said pad further comprises a length indicator.
8. The extensible leg pad as defined in any one of claims 1 to 7, wherein one of said upper and lower portions has a longitudinal length which is longer than a  
10 longitudinal length of the other one of said upper and lower portions.
9. The extensible leg pad as defined in any one of claims 1 to 8, wherein said overlapping surfaces allow a length adjustment of at least 2 inches.
- 15 10. The extensible leg pad as defined in any one of claims 1 to 9, wherein said knee shield and said first and second shin shields are made of plastic.
11. The extensible leg pad as defined in any one of claims 1 to 10, wherein said knee shield and said first shin shield are secured to an upper padding liner  
20 positionable over the knee and along and partially around the shin.
12. The extensible leg pad as defined in any one of claims 1 to 11, wherein said second shin shield is secured to a lower padding liner positionable along and partially around the shin.  
25
13. The extensible leg pad as defined in any one of claims 1 to 12, wherein said pad further comprises at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections  
30 wherein said loop engages with said hook.

14. The extensible leg pad as defined in claims any one of claims 1 to 13, wherein said belt comprises a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of said strap.
- 5 15. An extensible leg pad comprising:
  - a) an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin;
  - b) a lower portion comprising a second shin shield positionable along and partially around the shin, said first and second shin shields having respective first and second overlapping surfaces;
  - c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad; and
  - d) a belt for securing together said upper and lower portions, said belt being responsive to tension for pressing said overlapping surfaces at a contacting area, and said belt comprising a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of said strap.
16. The extensible leg pad as defined in claim 15, wherein a portion of said first and second overlapping surfaces has a projection.
17. The extensible pad as defined in claim 16, wherein said projection comprises a toothed section.
- 25 18. The extensible pad as defined in claim 15, wherein a portion of one of said first and second overlapping surfaces is made of rubber.
19. The extensible leg pad as defined in claim 15, wherein a portion of said first and second overlapping surfaces has respective loops and hooks sections.
- 30 20. The extensible leg pad as defined in claim 15, wherein said strap comprises loops and hooks sections.

21. The extensible leg pad as defined in any one of claims 15 to 20, wherein said first and second shin shields comprise longitudinal apertures allowing passage of said belt.
- 5 22. The extensible leg pad as defined in any one of claims 15 to 21, wherein said pad further comprises a length indicator.
23. The extensible leg pad as defined in any one of claims 15 to 22, wherein one of said upper and lower portions has a longitudinal length which is longer than  
10 a longitudinal length of the other one of said upper and lower portions.
24. The extensible leg pad as defined in any one of claims 15 to 23, wherein said overlapping surfaces allow a length adjustment of at least 2 inches.
- 15 25. The extensible leg pad as defined in any one of claims 15 to 24, wherein said knee shield and said first and second shin shields are made of plastic.
26. The extensible leg pad as defined in any one of claims 15 to 25, wherein said knee shield and said first shin shield are secured to an upper padding liner  
20 positionable over the knee and along and partially around the shin.
27. The extensible leg pad as defined in any one of claims 15 to 26, wherein said second shin shield is secured to a lower padding liner positionable along and partially around the shin.  
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28. The extensible leg pad as defined in any one of claims 15 to 27, wherein said pad further comprises at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections  
30 wherein said loop engages with said hook.

29. An extensible leg pad comprising:
- a) an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin;
  - 5 b) a lower portion comprising a second shin shield positionable along and partially around the shin, said first and second shields having respective first and second overlapping surfaces;
  - c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad;
  - 10 d) at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein said loop engages with said hook; and
  - e) a belt for securing together said upper and lower portions, said belt being  
15 responsive to tension for pressing said overlapping surfaces at a contacting area.
30. The extensible leg pad as defined in claim 29, wherein a portion of said first and second overlapping surfaces has a projection capable of interlocking said  
20 portions together.
31. The extensible pad as defined in claim 30, wherein said projection comprises a toothed section.
- 25 32. The extensible pad as defined in claim 29, wherein a portion of one of said first and second overlapping surfaces is made of rubber.
33. The extensible leg pad as defined in claim 29, wherein a portion of said first and second overlapping surfaces has respective loops and hooks sections.

34. The extensible leg pad as defined in any one of claims 29 to 33, wherein said first and second shin shields comprise longitudinal apertures allowing passage of said belt.
- 5 35. The extensible leg pad as defined in any one of claims 29 to 34, wherein said pad further comprises a length indicator.
36. The extensible leg pad as defined in any one of claims 29 to 35, wherein one of said upper and lower portions has a longitudinal length which is longer than  
10 a longitudinal length of the other one of said upper and lower portions.
37. The extensible leg pad as defined in any one of claims 29 to 36, wherein said overlapping surfaces allow a length adjustment of at least 2 inches.
- 15 38. The extensible leg pad as defined in any one of claims 29 to 37, wherein said knee shield and said first and second shin shields are made of plastic.
39. The extensible leg pad as defined in any one of claims 29 to 38, wherein said knee shield and said first shin shield are secured to an upper padding liner  
20 positionable over the knee and along and partially around the shin.
40. The extensible leg pad as defined in any one of claims 29 to 39, wherein said second shin shield is secured to a lower padding liner positionable along and partially around the shin.  
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41. The extensible leg pad as defined in any one of claims 29 to 40, wherein said belt comprises a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of said strap.
- 30 42. An extensible leg pad comprising:  
a) an upper portion comprising front and rear faces and a knee shield for covering a substantial part of a front surface of a user's knee;

- b) a lower portion comprising front and rear faces and a shin shield positionable along and partially around the user's shin, said knee and shin shields comprising respective first and second overlapping surfaces;
  - c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad; and
  - d) a belt for securing together said upper and lower portions, said belt encircling said overlapping surfaces and engaging the rear face of one of said upper and lower portions, said belt being responsive to tension for pressing said overlapping surfaces together thereby preventing said upper and lower portions from sliding one relative to the other.
43. The extensible leg pad as defined in claim 42, wherein a portion of said first and second overlapping surfaces has a projection.
44. The extensible leg pad as defined in claim 43, wherein said projection comprises a toothed section.
45. The extensible leg pad as defined in claim 42, wherein a portion of one of said first and second overlapping surfaces is made of rubber.
46. The extensible pad as defined in claim 42, wherein a portion of said first and second overlapping surfaces has respective loops and hooks sections.
47. The extensible leg pad as defined in any one of claims 42 to 45, wherein said knee and shin shields comprise longitudinal apertures allowing passage of said belt.
48. The extensible leg pad as defined in any one of claims 42 to 47, wherein said pad further comprises a length indicator.

49. The extensible leg pad as defined in any one of claims 42 to 48, wherein one of said upper and lower portions has a longitudinal length which is longer than a longitudinal length of the other one of said upper and lower portions.
- 5 50. The extensible leg pad as defined in any one of claims 42 to 49, wherein said overlapping surfaces allow a length adjustment of at least 2 inches.
51. The extensible leg pad as defined in any one of claims 42 to 50, wherein said knee and shin shields are made of plastic.
- 10 52. The extensible leg pad as defined in any one of claims 42 to 51, wherein said knee shield is secured to an upper padding liner positionable over the knee and along and partially around the shin.
- 15 53. The extensible leg pad as defined in any one of claims 42 to 52, wherein said shin shield is secured to a lower padding liner positionable along and partially around the shin.
- 20 54. The extensible leg pad as defined in any one of claims 42 to 53, wherein said pad further comprises at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein said loop engages with said hook.
- 25 55. The extensible leg pad as defined in any one of claims 42 to 54, wherein said belt comprises a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of said strap.
- 30 56. An extensible leg pad comprising:  
a) an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee;

- b) a lower portion comprising a shin shield positionable along and partially around a user's shin, said knee and shin shields comprising respective first and second overlapping surfaces;
- c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad;
- d) a belt for securing together said upper and lower portions, said belt being responsive to tension for pressing said overlapping surfaces together at a contacting area, and said belt comprising a strap and a strap frame having a curvature and two longitudinal apertures allowing passage of said strap.

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57. An extensible leg pad including:

- a) an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee;
- b) a lower portion comprising a shin shield positionable along and partially around a user's shin, said knee and shin shields comprising respective first and second overlapping surfaces;
- c) said upper and lower portions being slidable one relative to the other to allow adjustment of the overall length of said pad;
- d) at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein said loop engages with said hook; and
- e) a belt for securing together said upper and lower portions, said belt being responsive to tension for pressing said overlapping surfaces together at a contacting area.

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58. A leg pad comprising an upper portion comprising a knee shield for covering a substantial part of a front surface of a user's knee and a first shin shield positionable along and partially around the user's shin, said knee shield and said first shin shield being secured to an upper padding liner positionable over the knee and along and partially around the shin, a lower portion comprising a second shin shield positionable along and partially around the shin which is

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secured to a lower padding liner positionable along and partially around the shin, and at least one strap assembly having a hook secured on one side of said pad, a ring secured on the other side of said pad, and an adjustable strap having a loop at one end and loops and hooks sections wherein said loop engages with said hook.

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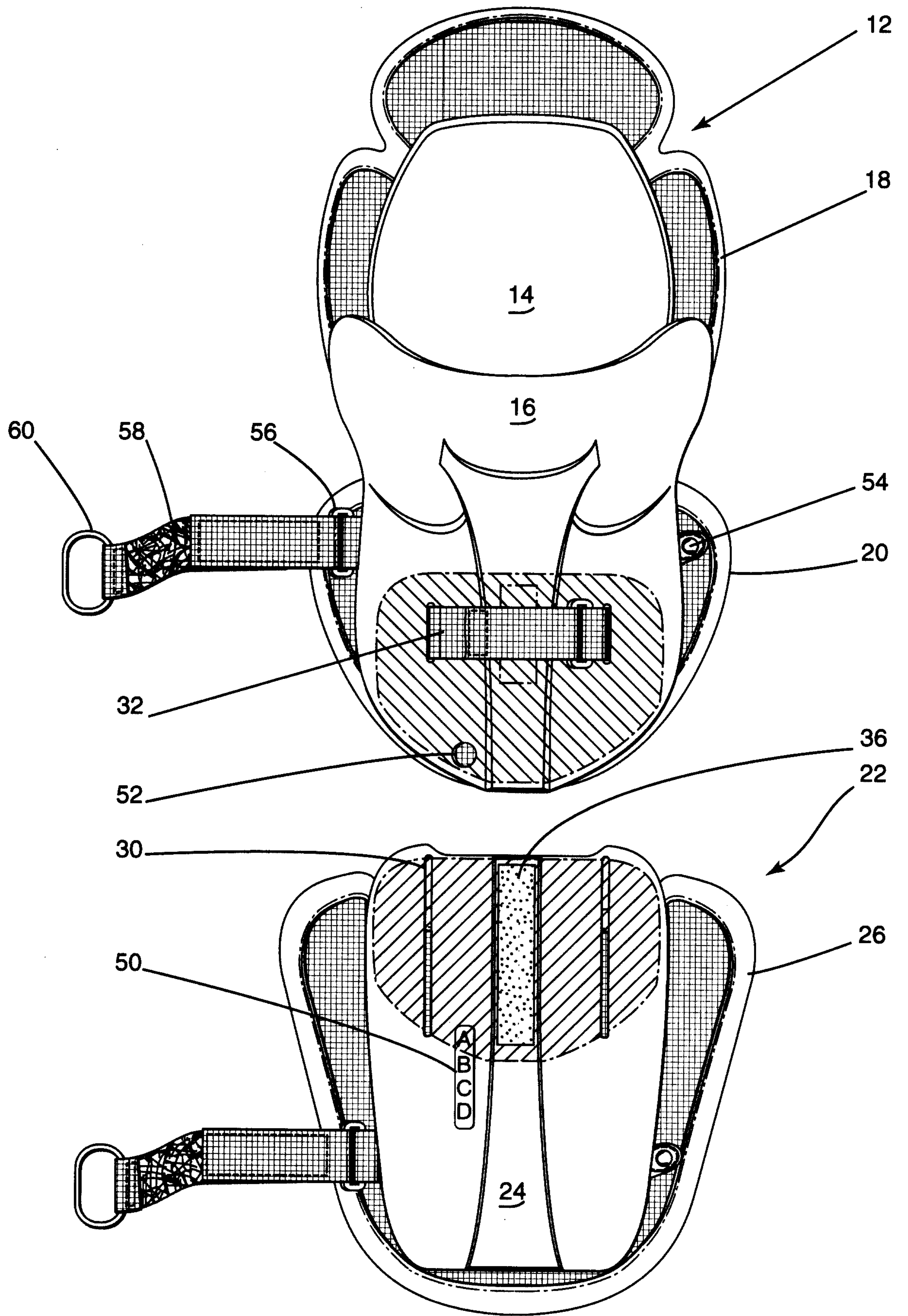


Fig. 2

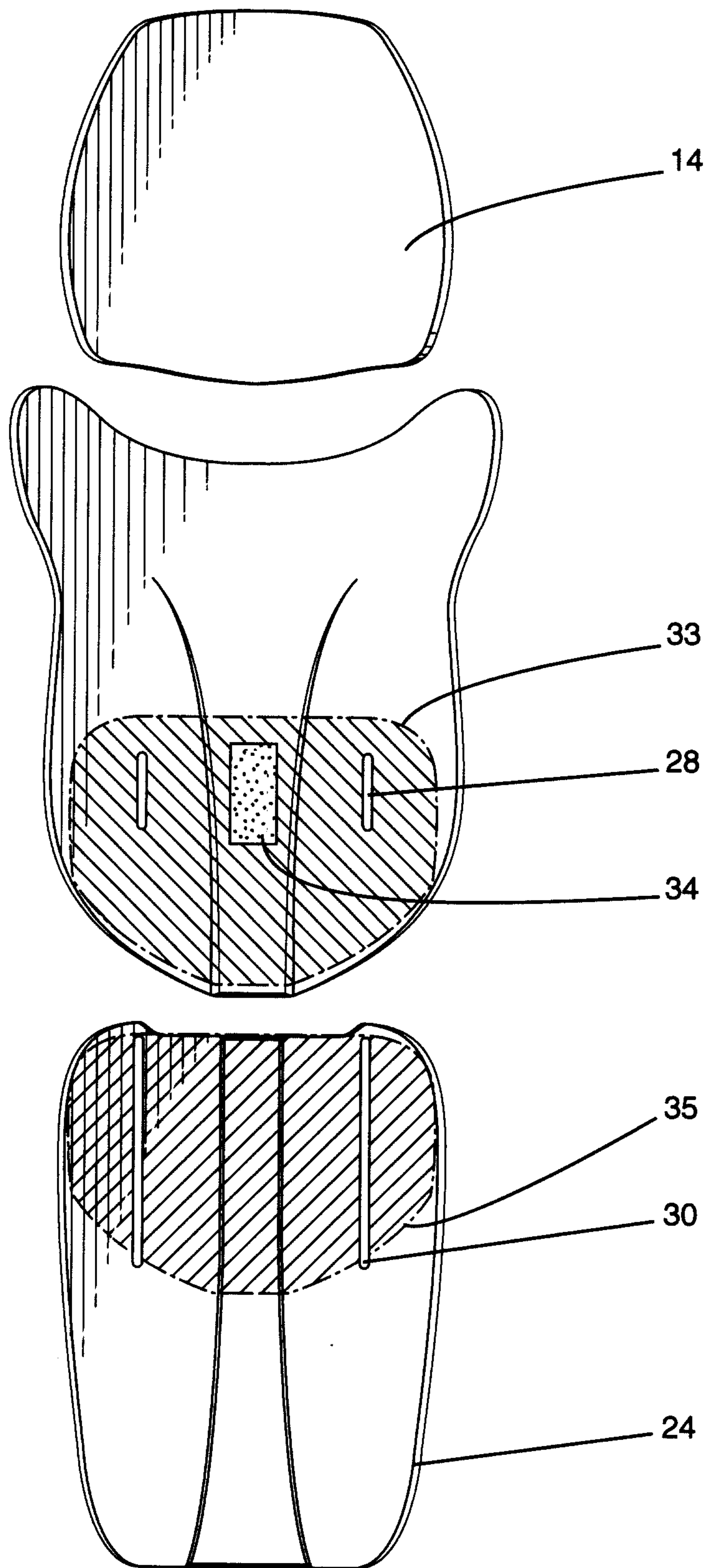


Fig. 3

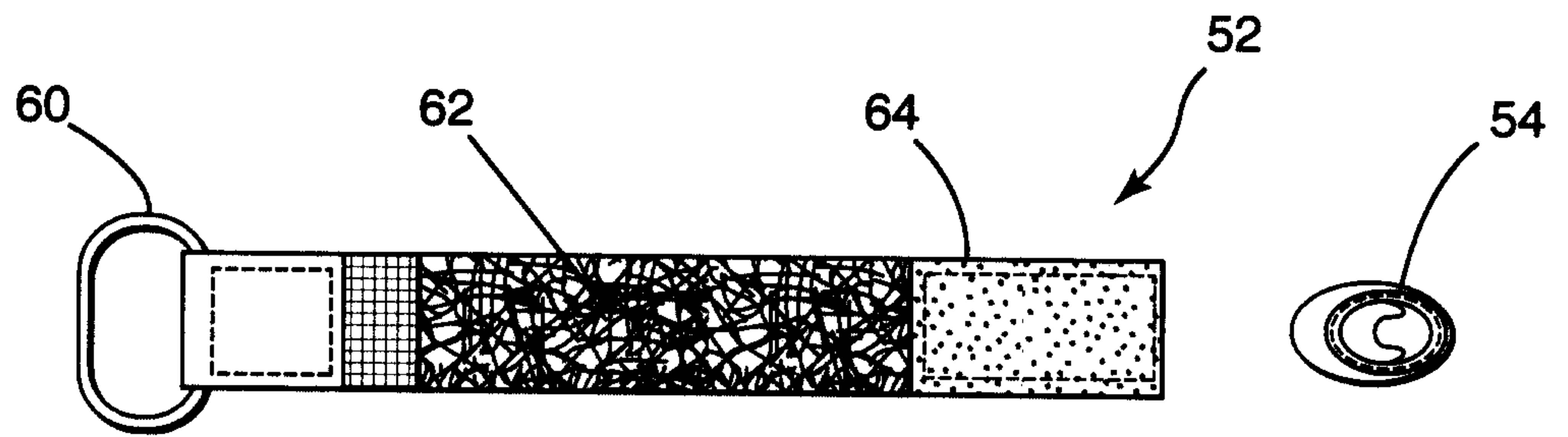


Fig. 4



Fig. 5

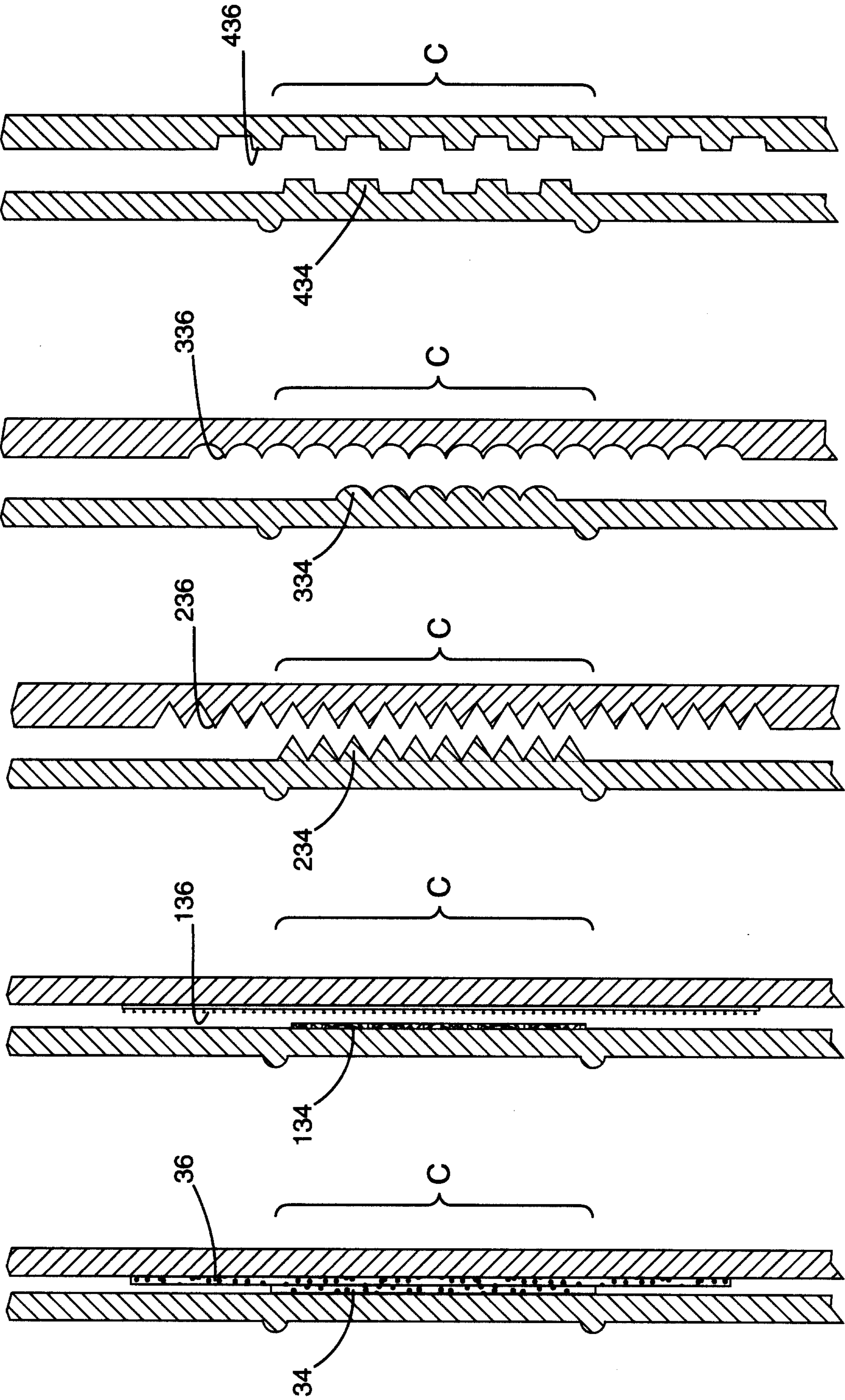


Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

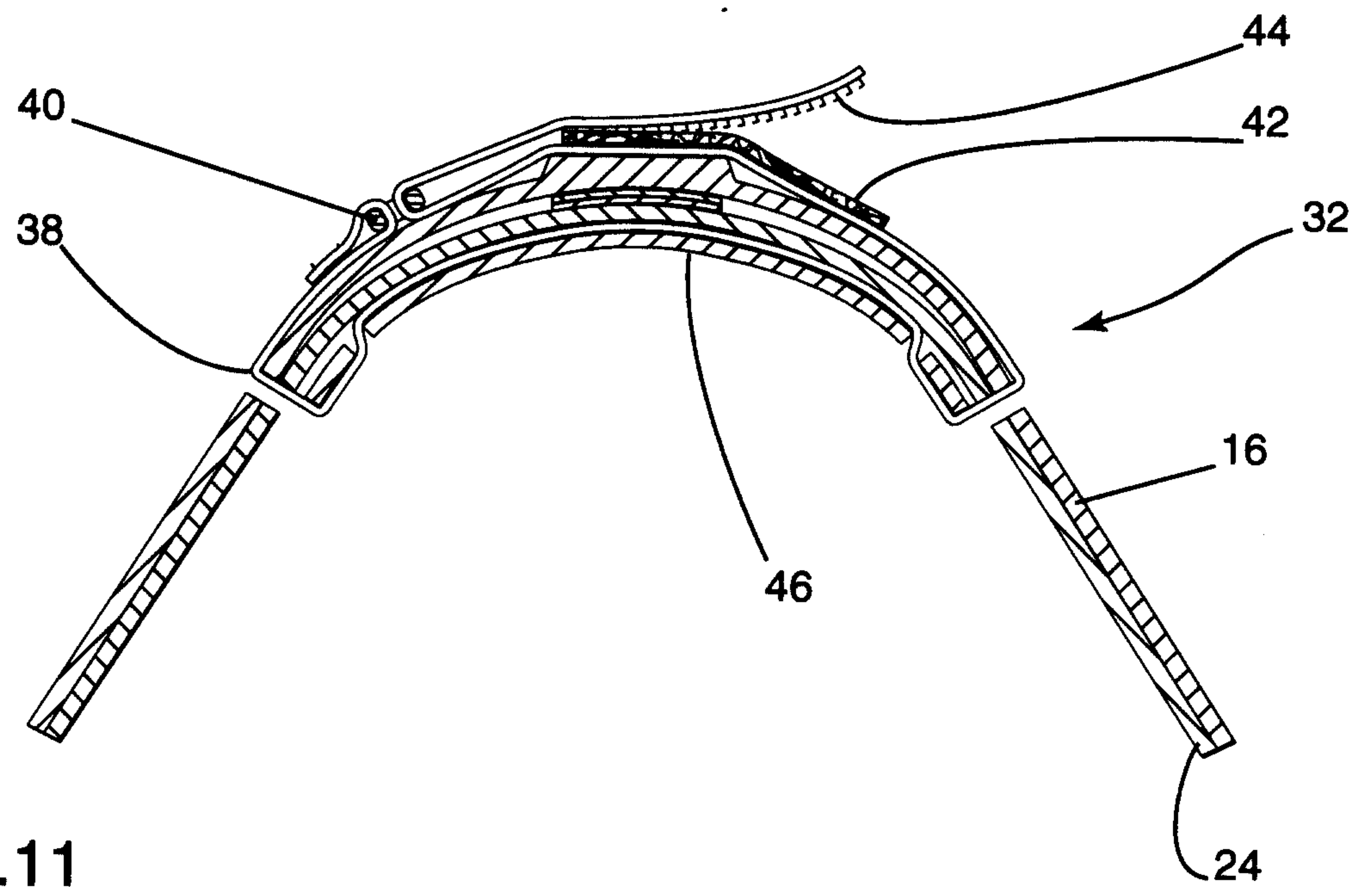


Fig.11

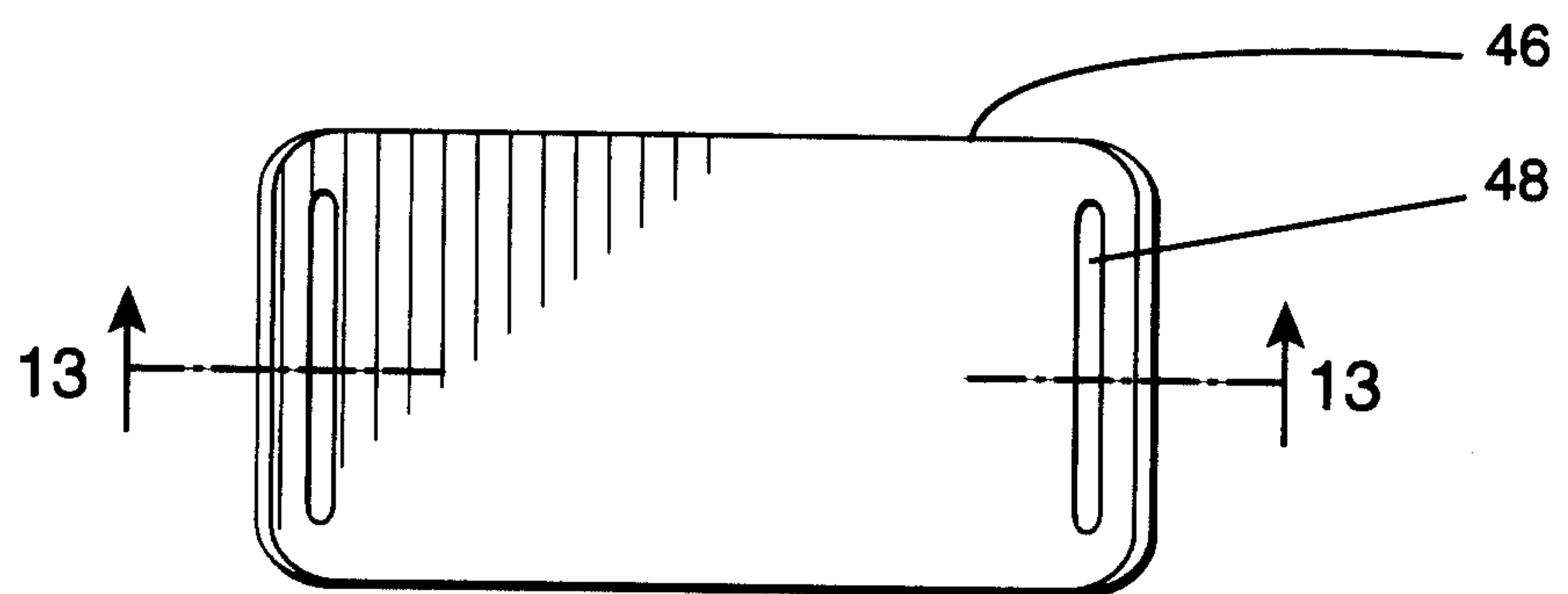


Fig. 12

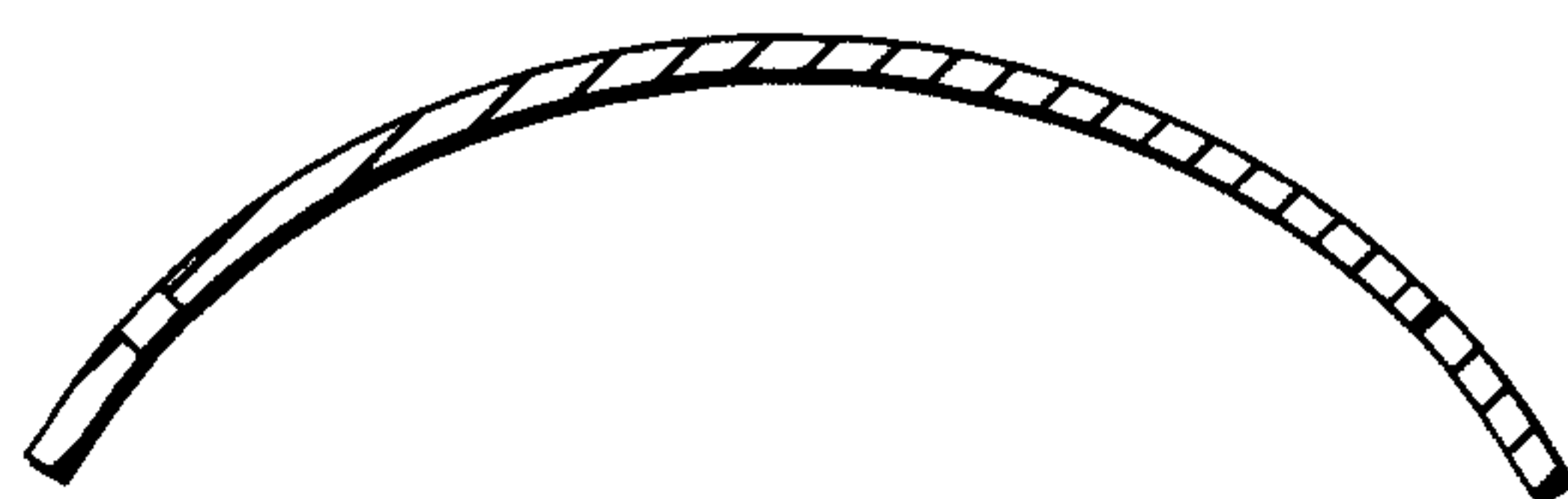


Fig. 13

