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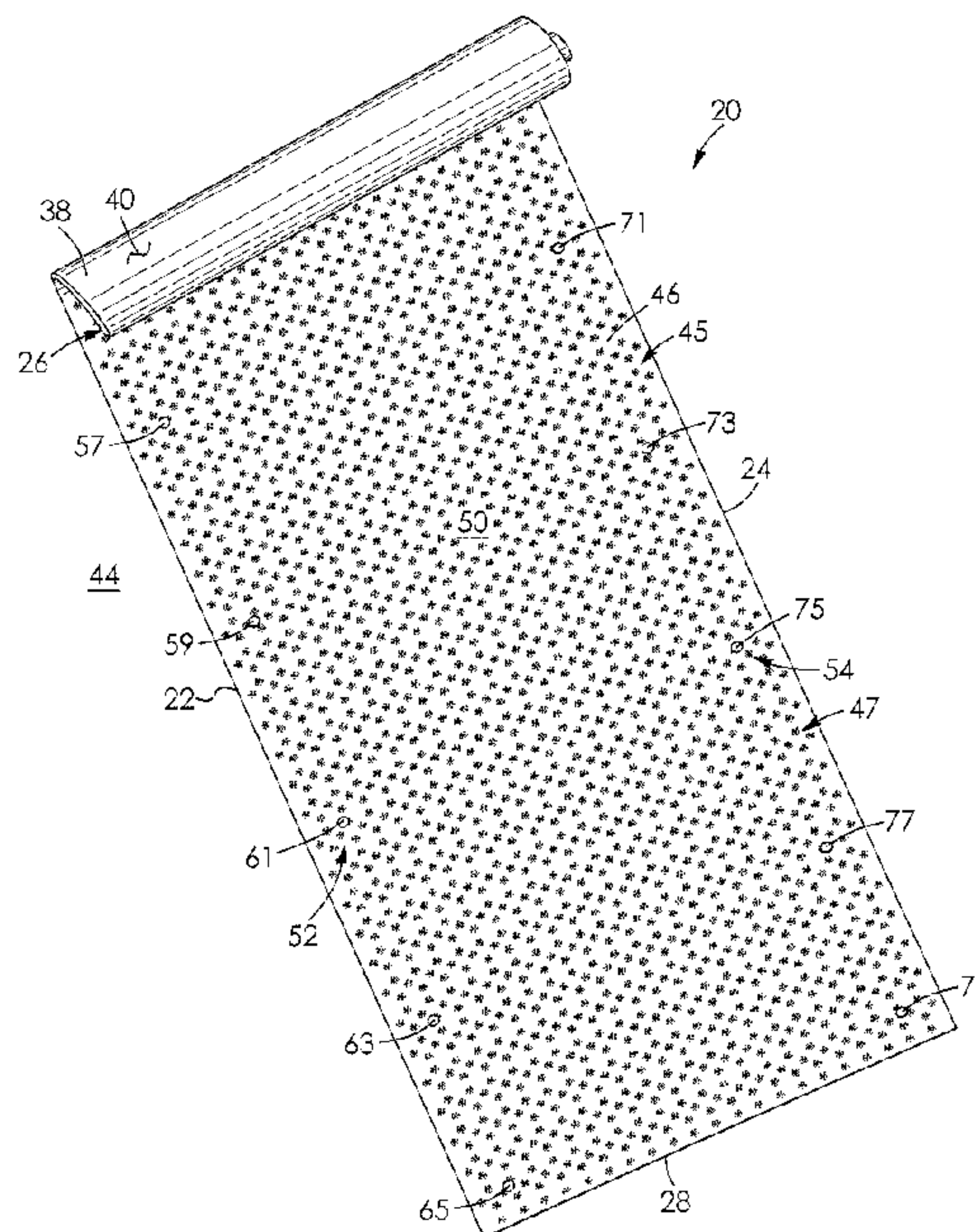
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(54) Titre : ENSEMBLE DE TAPIS DE YOGA

(54) Title: YOGA MAT ASSEMBLY



(57) **Abrégé/Abstract:**

There is accordingly provided a yoga mat assembly. The assembly has a length. The assembly includes a yoga mat. The assembly further includes a moisture- absorbent covering member shaped to extend over top of the yoga mat. The assembly includes a plurality of fasteners spaced-apart apart along the length of the assembly at peripheral portions thereof. The fasteners selectively fasten the yoga mat and the covering member together. According to a further aspect, there is provided a yoga mat assembly having a length. The assembly comprises a yoga mat. The assembly comprises a covering member shaped to selectively connect to, extend over top of and substantially cover the yoga mat. The covering member comprises a first layer that is moisture-absorbent. The covering member comprises a second layer configured to inhibit longitudinal and lateral movement of the covering member relative to the yoga mat.



ABSTRACT OF THE DISCLOSURE

There is accordingly provided a yoga mat assembly. The assembly has a length. The assembly includes a yoga mat. The assembly further includes a moisture-absorbent
5 covering member shaped to extend over top of the yoga mat. The assembly includes a plurality of fasteners spaced-apart apart along the length of the assembly at peripheral portions thereof. The fasteners selectively fasten the yoga mat and the covering member together. According to a further aspect, there is provided a yoga mat assembly having a length. The assembly comprises a yoga mat. The assembly comprises a covering member
10 shaped to selectively connect to, extend over top of and substantially cover the yoga mat. The covering member comprises a first layer that is moisture-absorbent. The covering member comprises a second layer configured to inhibit longitudinal and lateral movement of the covering member relative to the yoga mat.

YOGA MAT ASSEMBLY5 Field of the Invention

[0001] There is provided a mat assembly. In particular, there is provided a yoga mat assembly.

Description of the Related Art

10 [0002] United States Patent Publication No. 2005/0192158 to Edwards discloses composite yoga mats. Each mat comprises a fabric sheet with a frictional material. The mat may include loop holes to provide support. The mat may also include a stable surface and moisture absorption for the practice of yoga. Edwards recites that composite yoga mats can have connectors at the peripheral edges to attach them to other mats to provide
15 moisture absorbency and these connectors may include snaps and the like. The preferred embodiment in Edwards shown in the drawings describes a smaller yoga mat with loop holes at the front and rear ends of the mat. The smaller mat may be bounded to a larger mat with hook and loop strips.

[0003] Such a system may result in bunching and wrinkling between the contact
20 points and the surface material during a rigorous yoga workout. A yoga mat assembly so wrinkled and bunched together may become a safety hazard when performing other active movements on the assembly.

[0004] There is accordingly a need for an improved yoga mat assembly that overcomes the above disadvantages.

BRIEF SUMMARY OF INVENTION

[0005] There is provided an improved yoga mat assembly disclosed herein that may overcome the above disadvantages.

5 [0006] According to one aspect, there is provided a yoga mat assembly. The assembly has a length. The assembly comprises a yoga mat. The assembly comprises a moisture-absorbent covering member shaped to extend over top of and substantially cover the yoga mat. The assembly comprises a plurality of fasteners spaced-apart apart along the length of the assembly at peripheral portions thereof. The fasteners selectively
10 fasten the yoga mat and the covering member together.

[0007] According to a further aspect, there is provided a yoga mat assembly having a length. The assembly comprises a yoga mat. The assembly comprises a covering member shaped to selectively connect to, extend over top of and substantially cover the yoga mat. The covering member comprises a first layer that is moisture-absorbent. The covering
15 member comprises a second layer configured to inhibit longitudinal and lateral movement of the covering member relative to the yoga mat.

BRIEF DESCRIPTION OF DRAWINGS

[0008] The invention will be more readily understood from the following description
20 of preferred embodiments thereof given, by way of example only, with reference to the accompanying drawings, in which:

Figure 1 is a top perspective view of a yoga mat assembly according to a first aspect, the assembly comprising a yoga mat, a moisture-absorbent fabric sheet and a plurality of fasteners selectively fastening the fabric sheet to the yoga mat, the assembly being
25 partially rolled-up;

Figure 2 is a bottom perspective view of the yoga mat assembly of Figure 1 in fragment showing the bottom of the yoga mat and a female portion of one of the fasteners connected thereto;

5 Figure 3 is a top perspective view of the yoga mat assembly in fragment showing the yoga mat and female portion of the fastener of Figure 2 and a corresponding male portion of said one of the fasteners connected to the fabric sheet, the fabric sheet being partially folded to reveal the male portion;

10 Figure 4 is a top perspective view of the yoga mat assembly of Figure 3 connecting the fabric sheet to the yoga mat;

Figure 5 is a sectional view taken along lines 5 – 5 of Figure 4, showing a cluster of outwardly extending gripping protrusions extending from the fabric sheet of the
15 assembly;

Figure 6 is a top plan view of the assembly of Figure 1;

Figure 7 is a top perspective view of a yoga mat assembly similar to Figure 1 according
20 to a second aspect;

Figure 8 is a bottom plan view of a covering member of a yoga mat assembly according to a third aspect;

25 Figure 9 is an enlarged bottom plan view of one corner portion of the covering member of Figure 8, the corner portion being folded over to reveal the top of the covering member;

Figure 10 is an enlarged bottom plan view of another corner portion of the covering
30 member of Figure 8;

Figure 11 is an enlarged bottom plan view of a rubberized layer of the covering member, the layer being shown in fragment;

Figure 12 is a top perspective view similar to Figure 3 of the yoga mat assembly of Figure 8 showing the yoga mat and a female portion of a fastener and a corresponding male portion of one of the fasteners connected to the covering member, the covering member being partially folded to reveal the male portion of the fastener; and

Figure 13 is a sectional view taken along lines 13 – 13 of Figure 12 of the yoga mat assembly of Figure 8.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0009] Referring to the drawings and first to Figure 1, there is shown a yoga mat assembly 20 according to a first aspect. As seen in Figure 6, the assembly has a length L and a width W extending tangential to the length. The assembly 20 has a first longitudinal side edge 22 and a second longitudinal side edge 24 spaced-apart from the first longitudinal side edge. The longitudinal side edges extend along the length L of the assembly.

[0010] As seen in Figure 6, the assembly 20 has a forward end 26 and a rearward end 28 spaced-apart from the forward end. The ends 26 and 28 extend between the longitudinal side edges 22 and 24 of the assembly and may be referred to as lateral ends. The assembly has corner portions 30, 32, 34 and 36. Each corner portion is adjacent to a respective side edge and a respective end, as seen by corner portion 32 in Figure 6 which is adjacent to side edge 24 and end 26.

[0011] The assembly 20 comprises a yoga mat 38, as seen in Figures 1 to 3. The yoga mat has a bottom 40, seen in Figures 1 and 2, and a top 42 seen in Figure 3. The yoga mat 38 is resilient and provides cushioning to the user. The mat is also configured to

frictionally engage with the floor 44, seen in Figure 1. The yoga mat as described thus far is conventional, with parts and functions well-known to those skilled in the art.

5 [0012] The assembly 20 comprises a covering member 45. In this example, the covering member comprises a moisture-absorbent fabric sheet 46. The covering member has a bottom 48, seen in Figure 3, and a top 50 seen in Figure 4. The fabric sheet 46 is shaped and sized to extend over top of the yoga mat 38. The fabric sheet is configured to inhibit slipping when wet and has a coefficient of friction that is greater than that of the yoga mat. The fabric sheet 46 is terry cloth according to one aspect.

10 [0013] According to another aspect, the fabric sheet is microfiber cloth in one example. This may be referred to as “stainless steel” cloth, though it is not actually made of stainless steel.

15 [0014] As best seen in Figures 4 and 5, the covering member 45 further comprises a plurality of clusters of gripping protrusions in this example. This is shown by cluster 47 comprising a central protrusion 49 together with five outer protrusions 51 positioned around the central protrusion in a pentagonal arrangement in this example. The central protrusions are circular in profile when viewed from above and are convex in this example. The outer protrusions 51 are annular in segment when viewed from above in this example. The outer protrusions are arranged in an annular manner about the central protrusion 49. The outer protrusions 51 of each cluster 47 are circumferentially spaced-apart from each other in this example. The clusters are longitudinally and laterally spaced-apart from each other. Each of the protrusions 49 and 51 connects to, is positioned along and extends outwards from the top 50 of the covering member 45. The protrusions are waterproof and are made of plastic in this example, though this is not strictly required. The protrusions 49 and 51 increase the coefficient of friction of the top 50 of the covering member and are configured to inhibit slipping when the fabric sheet is wet, for example.

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[0015] Referring now to Figure 6, the assembly 20 includes a plurality of fasteners spaced-apart apart along the length L of the assembly at the peripheral portions thereof, including a first row 52 of fasteners 53, 55, 57, 59, 61, 63 and 65 extending along and adjacent to the first side edge 22 of the assembly and a second row 54 of fasteners 67, 69, 71, 73, 75, 77 and 79 extending along and adjacent to the second side edge 24 of the assembly. The distance between adjacent fasteners is generally equal to or less than one half of the width W of the assembly, as shown by the distance D between fasteners 75 and 77 of row 54. An additional fastener 81 is interposed between the longitudinal side edges 22 and 24 of the assembly 20 adjacent to the forward end 26 thereof.

10 [0016] As seen in Figure 6, outer ones of the fasteners are arranged at the corner portions of the assembly 20, as shown by fastener 67 adjacent to corner portion 32. The outer fasteners 53, 65, 67 and 79 are spaced-apart from adjacent ones of the longitudinal side edges and lateral ends of the assembly by a distance equal to or less than one twelfth of the width of the assembly.

15 [0017] The fasteners are snap fasteners in this example. Each snap fastener comprises a male member connected to a first one of the yoga mat and the fabric sheet and a female member connected to a second one of the yoga mat and the fabric sheet. This is shown in Figure 2 by female member 64 of fastener 67 coupling to yoga mat 38 in this example and male member 66 coupling to fabric sheet 46 in Figure 3. The female members are
20 shaped to selectively receive and couple with the male members. Snap fasteners per se are well-known to those skilled in the art and their various parts and functionings will thus not be described in further detail.

[0018] As seen in Figure 3, the fasteners selectively fasten the top 42 of yoga mat 38 and the bottom 48 of covering member 45 together and enable the fabric sheet 46 to be
25 readily removeable for washing. This may be particularly useful for people who perform hot yoga. The fasteners so arranged function to inhibit wrinkling of the fabric sheet. The fasteners are further arranged such that shear forces arising from the use of the assembly 20 are evenly distributed amongst the fasteners, inhibiting longitudinal and lateral

movement of the fabric sheet 46 relative to the yoga mat 38 thereby. The assembly as herein described may thus enable people to practice yoga exercises in a manner that is safe, comfortable and hygienic.

5 [0019] Figure 7 shows a yoga mat assembly 20.1 according to a second aspect. Like parts have like numbers and functions as the yoga mat assembly 20 shown in Figures 1 to 6 with the addition of decimal extension “.1”. Yoga mat assembly 20.1 is substantially the same as yoga mat assembly 20 shown in Figures 1 to 6 with the exception that top 50.1 of sheet 46.1 is free of clusters of protrusions and comprises solely microfiber cloth in this example.

10 [0020] Figures 8 to 13 show a yoga mat assembly 20.2 according to a third aspect. Like parts have like numbers and functions as the yoga mat assembly 20 shown in Figures 1 to 6 with the addition of decimal extension “.2”. Yoga mat assembly 20.2 is substantially the same as yoga mat assembly 20 shown in Figures 1 to 6 with at least the following exceptions.

15 [0021] As seen in Figures 9 and 12, covering member 45.2 comprises a first layer that is moisture-absorbent, in this example a fabric sheet 46.2 comprising microfiber cloth. The fabric sheet extends from the top 50.2 towards the bottom 48.2 of the covering member.

20 [0022] As best seen in Figures 8, 10 and 11, the covering member 45.2 also comprises a second layer 80 configured to inhibit longitudinal and lateral movement of the covering member relative to the yoga mat 38.2. As best seen in Figure 11, the second layer of the covering member comprises a mesh 82 made of an elastomer, in this example rubber. The covering member 45.2 includes a plurality of longitudinally and laterally spaced-apart apertures extend through the mesh, as shown by aperture 84. As seen in 25 Figure 10, the fabric sheet 46.2 extends around and covers peripheral portions 86 of the second layer 80 of the covering member 45.2 in this example. Lateral strips 88 and longitudinal strips 90 of the fabric sheet thus cover these peripheral portions on the

bottom 48.2 of the covering member 45.2. In this example, the strips and fabric sheet are connected to and held in place relative to the second layer 80 via stitching 92 extending through the strips, though this is not strictly required.

5 [0023] The covering member 45.2 may be referred to as a microfiber cloth with a rubberized backing configured to extend along the yoga mat 38.2. The rubberized layer 80 may provide additional wear and non-slip protection to the assembly 20.2.

10 [0024] It will be appreciated that many variations are possible within the scope of the invention described herein. It will also be understood by someone skilled in the art that many of the details provided above are by way of example only and are not intended to limit the scope of the invention which is to be determined with reference to at least the following claims.

WHAT IS CLAIMED IS:

1. A yoga mat assembly having a length, a width extending perpendicular to the length of the assembly, a first longitudinal side edge and a second longitudinal side edge spaced-apart from the first longitudinal side edge, the longitudinal side edges of the assembly extending along the length of the assembly, and the assembly comprising:

a yoga mat having a longitudinal border and including a first row of fastener members located proximate and spaced from the longitudinal border along opposite longitudinal side edges of the assembly, the first row of fastener members being spaced from respective ones of the longitudinal edges of the assembly by a distance equal to or less than one twelfth of the width of the assembly; and

a moisture-absorbent covering member shaped to extend over top of and substantially cover the yoga mat, the covering member including a pair of longitudinal strips, each of the longitudinal strips being adjacent to a respective one of the longitudinal side edges of the assembly, and the longitudinal strips including a second row of fastener members located within a perimeter defined by each of said longitudinal strips, wherein the fastener members of the covering member are configured to mate with the fastener members of the yoga mat.
2. The assembly as claimed in claim 1 wherein one of the rows of fastener members comprises male members and the other of the rows of fastener members comprises female members

being shaped to selectively receive and couple with the male members.

3. The assembly as claimed in any one of claims 1 and 2, the assembly having a forward end extending between the longitudinal side edges of the assembly, and wherein the assembly further includes a fastener interposed between the longitudinal side edges of the assembly adjacent to the forward end thereof, said fastener interposed between the longitudinal side edges selectively connecting together the yoga mat and the covering member at the forward end of the assembly.
4. The assembly as claimed in any one of claims 1 to 3 wherein the yoga mat is resilient and configured to frictionally engage with a floor.
5. The assembly as claimed in any one of claims 1 to 4 wherein the covering member has a coefficient of friction that is greater than that of the yoga mat.
6. The assembly as claimed in any one of claims 1 to 5 wherein the covering member includes a first layer and a second layer, the first layer of the covering member being a fabric sheet.
7. The assembly as claimed in claim 6 wherein the second layer of the covering member comprises an elastomeric mesh.
8. The assembly as claimed in any one of claims 6 and 7, wherein the first layer of the covering member extends around and covers peripheral portions of the second layer of the

covering member.

9. The assembly as claimed in any one of claims 1 to 5 wherein the covering member is a microfiber cloth with a rubberized backing configured to extend along the yoga mat.
10. The assembly as claimed in any one of claims 1 to 5 wherein the covering member includes a first layer and a second layer, the first layer of the covering member being microfiber cloth.
11. The assembly as claimed in claim 10, wherein the second layer of the covering member comprises an elastomeric mesh.
12. The assembly as claimed in claim 2, wherein paired ones of said female members and said male members comprise fasteners, the fasteners being snap fasteners.
13. A yoga mat assembly having a length, a width extending perpendicular to the length of the assembly, a first longitudinal side edge, a second longitudinal side edge spaced-apart from the first longitudinal side edge, the longitudinal side edges extending along the length of the assembly, the assembly comprising:

a yoga mat including a first row of fastener members extending along and adjacent to the first longitudinal edge of the assembly and a second row of fastener members extending along and adjacent to the second longitudinal edge of the assembly, the fastener members

being spaced from adjacent ones of the longitudinal side edges of the assembly by a distance equal to or less than one twelfth of the width of the assembly; and

a moisture-absorbent covering member shaped to extend over top of and substantially cover the yoga mat, the covering member having a bottom, including longitudinal and lateral strips covering peripheral portions of the bottom of the covering member, and including rows of fastener members coupling to the strips, the fastener members of the yoga mat being shaped to selectively couple with the fastener members of the covering member.

14. The assembly as claimed in claim 13 wherein the distance between respective said fastener members in said first row of fastener members is generally equal to or less than one half of the width of the assembly, and wherein the distance between respective said fastener members in said second row of fastener members is generally equal to or less than one half of the width of the assembly.
15. The assembly as claimed in claim 13, wherein each of the fastener members in said first row of fastener members is spaced-apart from the next one of the fastener members in said first row of fastener members by a distance generally equal to or less than one half of the width of the assembly and wherein each of the fastener members in said second row of fastener members is spaced-apart from the next one of the fastener members in said second row of fastener members by a distance generally equal to or less than one half of the width of the assembly.

16. The assembly as claimed in any one of claims 13 to 15 wherein the fastener members of the covering member comprise male members and wherein the fastener members of the yoga mat comprise female members shaped to selectively receive and couple with the male members.
17. The assembly as claimed in any one of claims 13 to 16 wherein the yoga mat is resilient and configured to frictionally engage with a floor, and wherein the covering member has a coefficient of friction that is greater than that of the yoga mat.

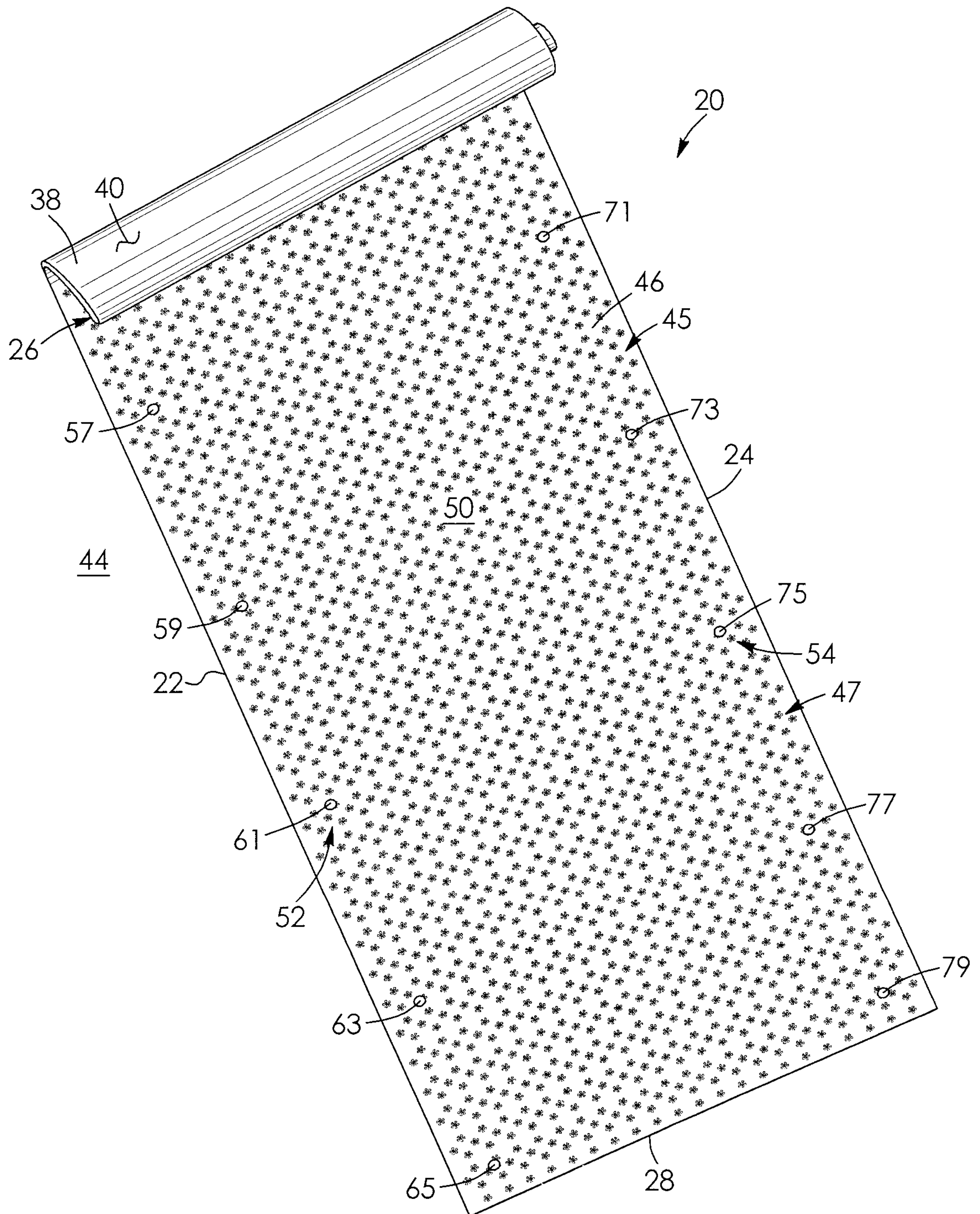


FIG. 1

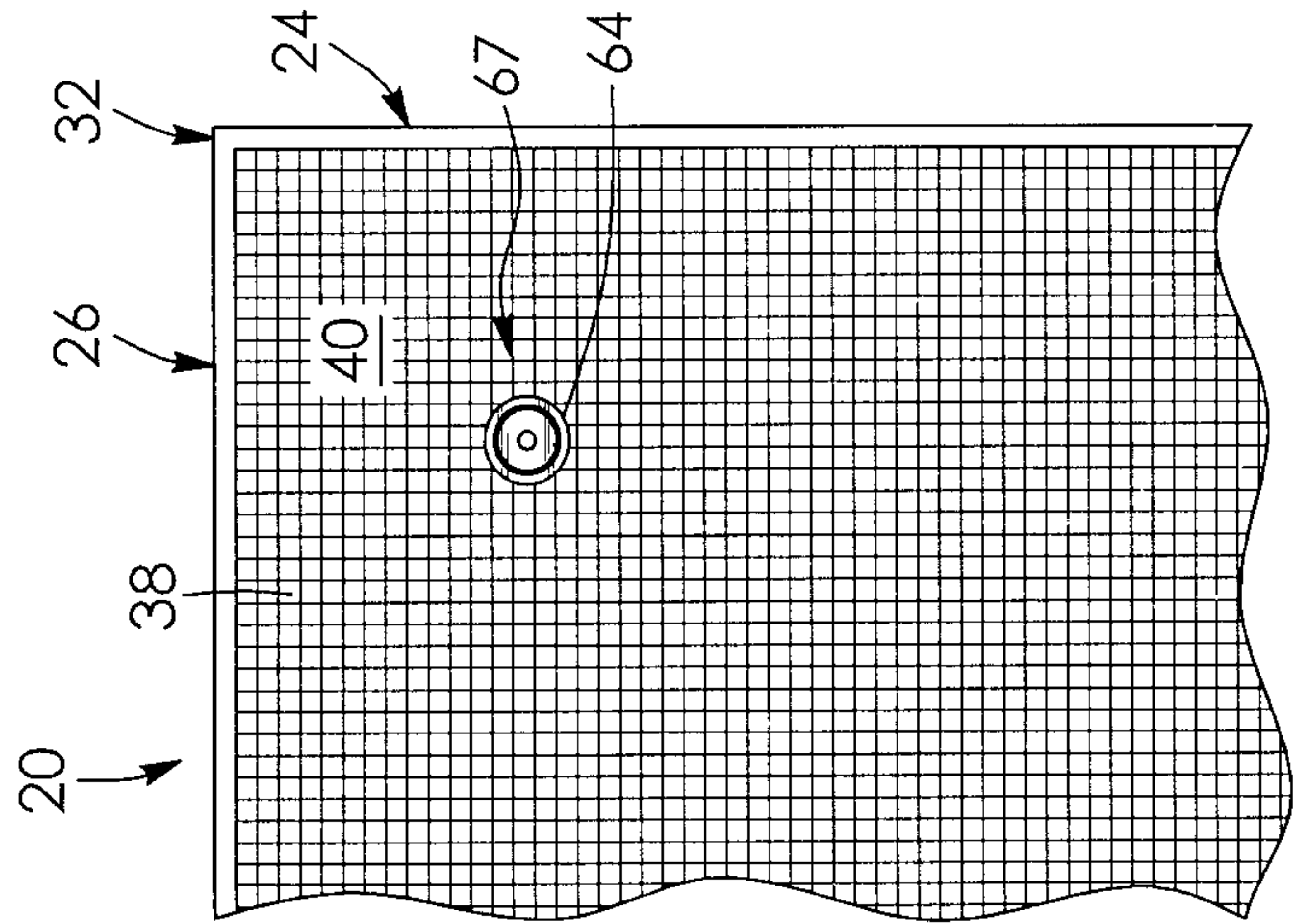


FIG. 2

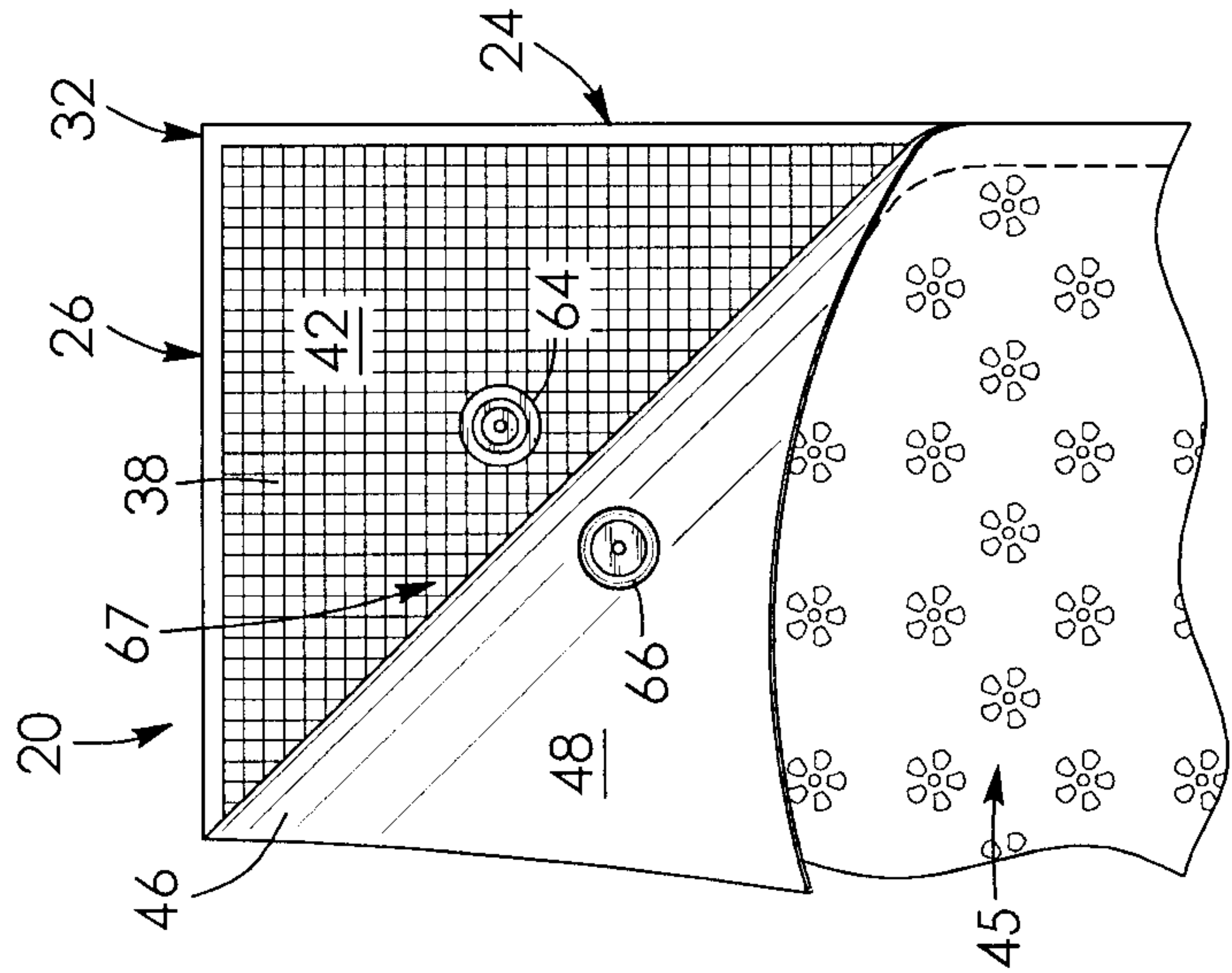


FIG. 3

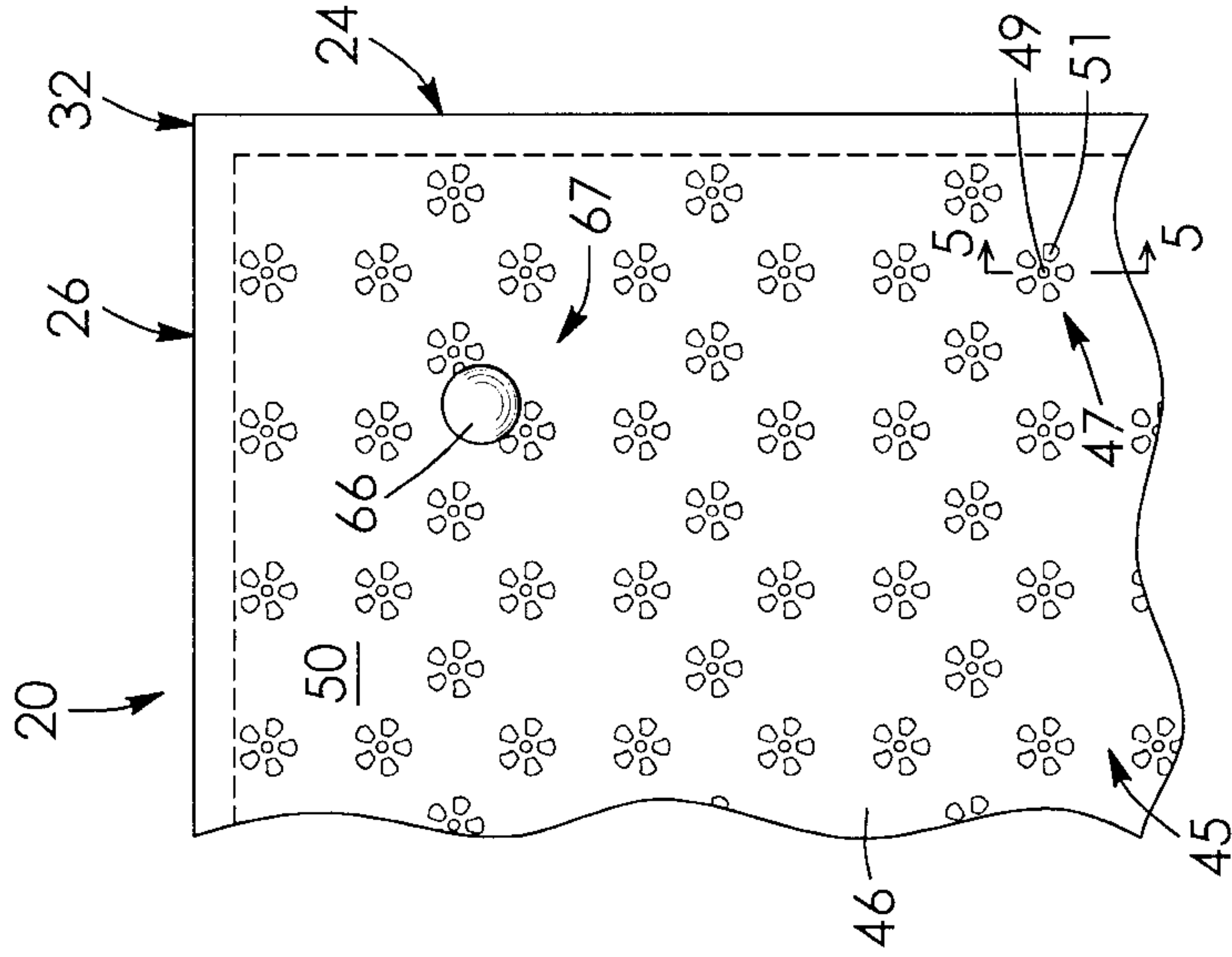


FIG. 4

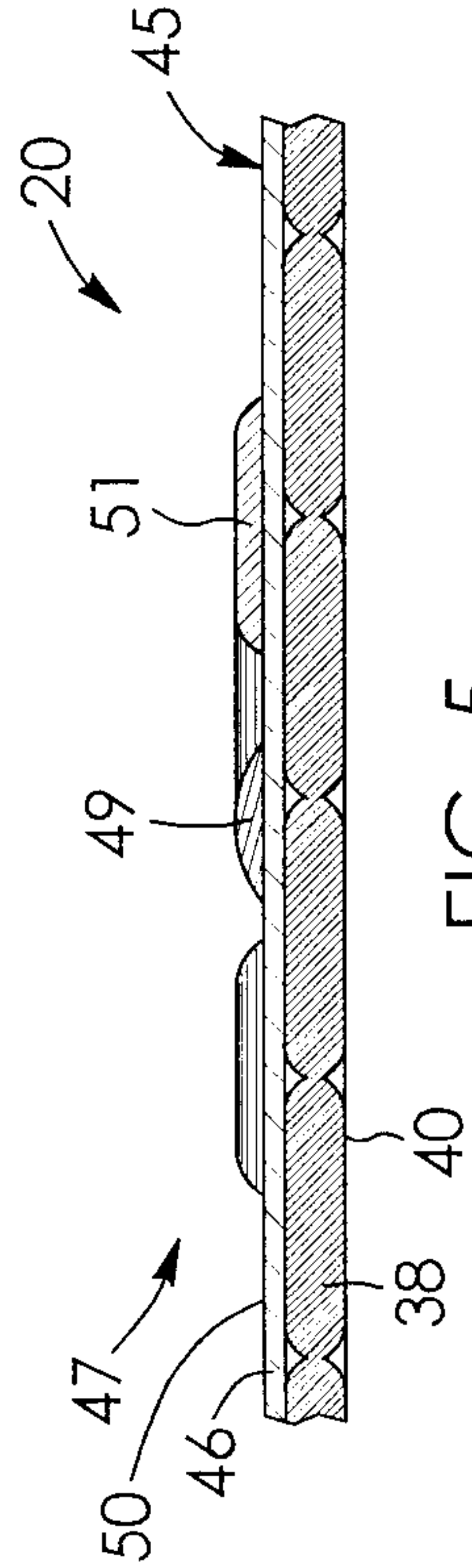
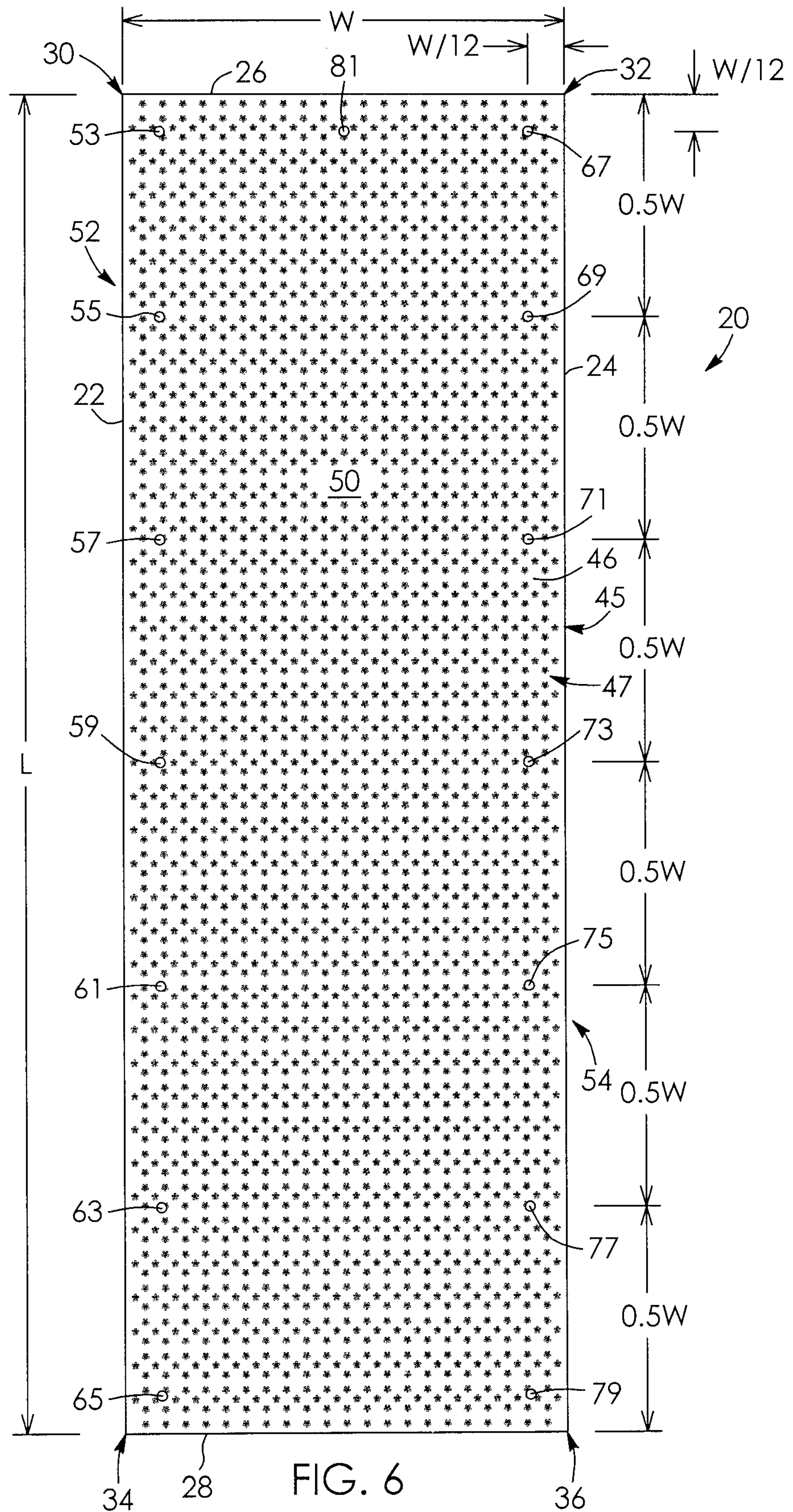


FIG. 5



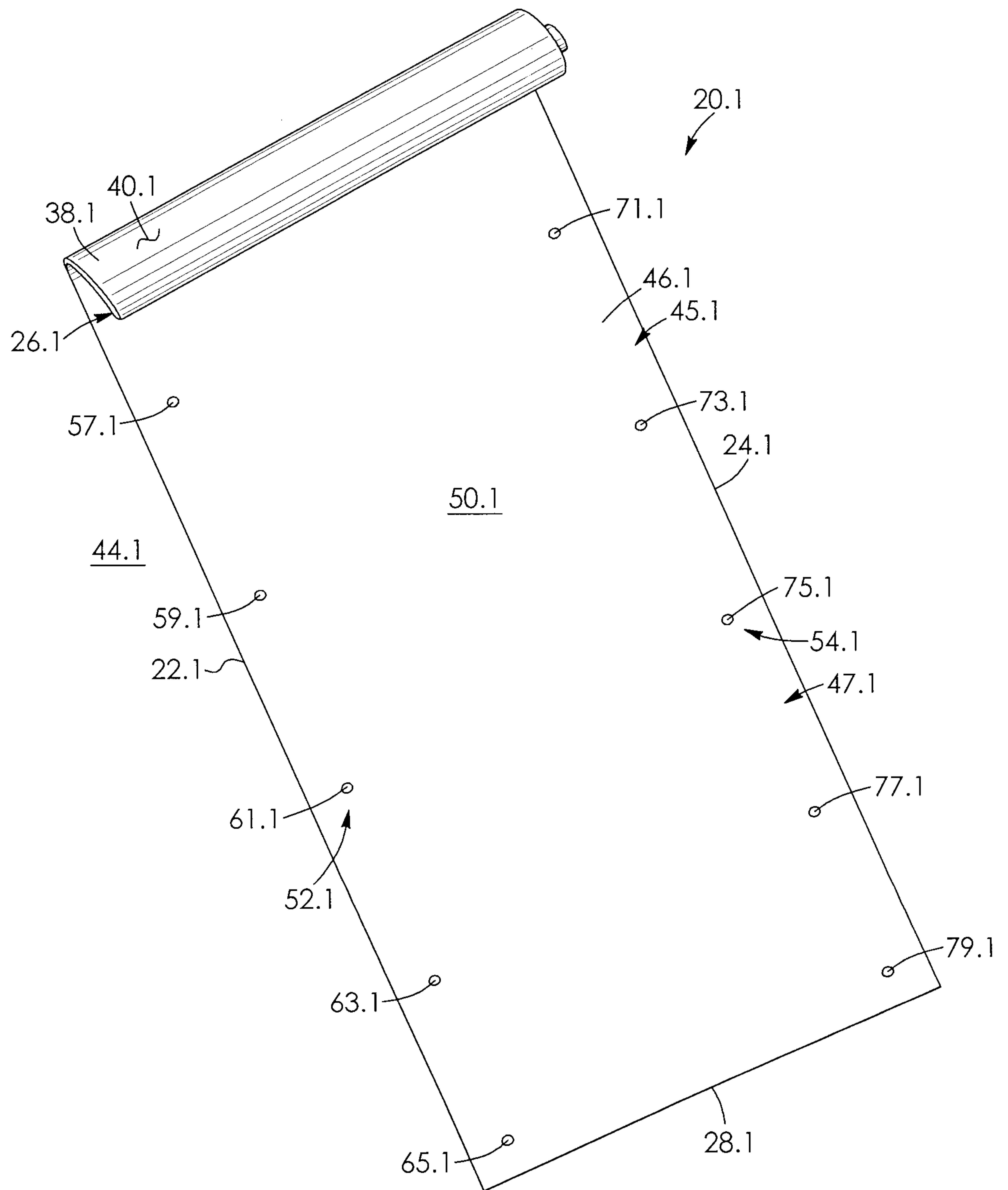
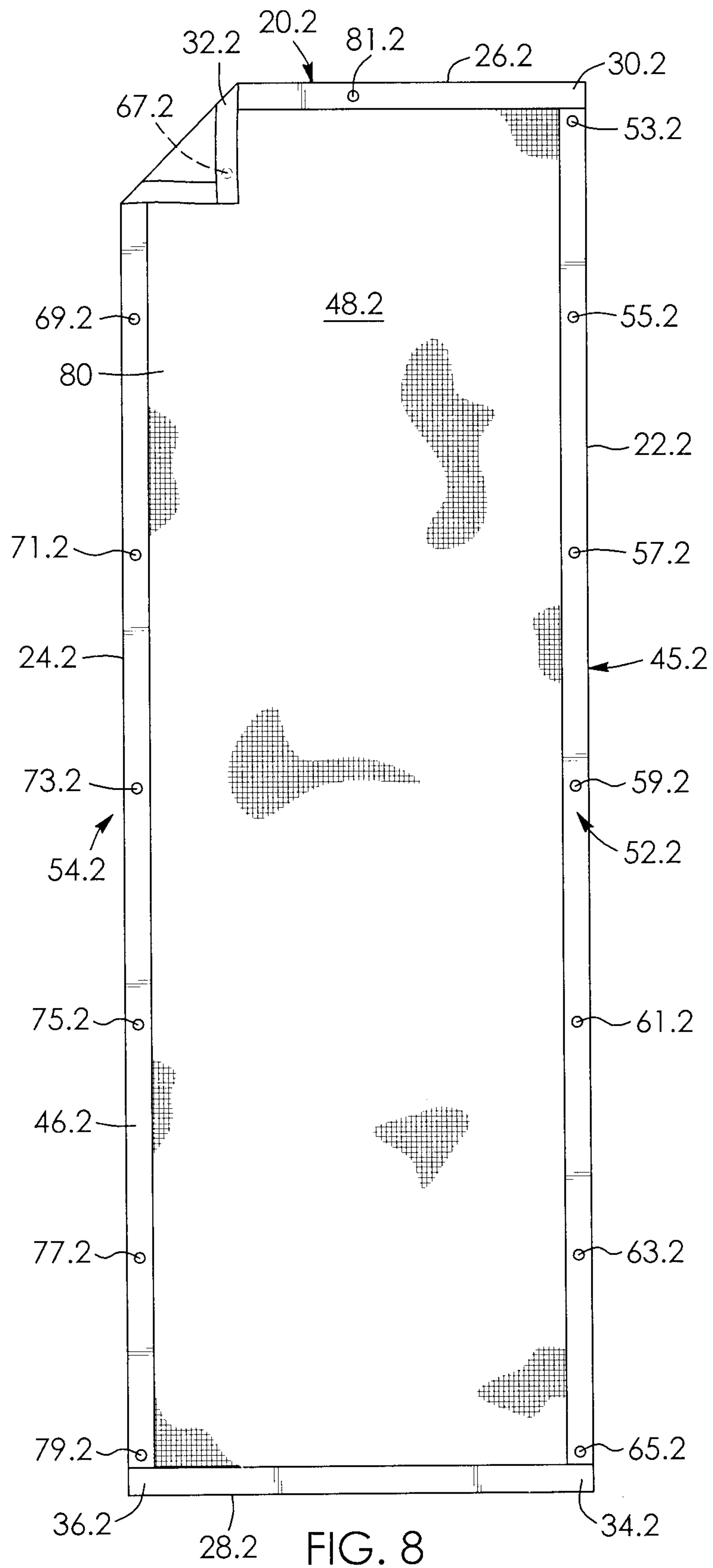


FIG. 7



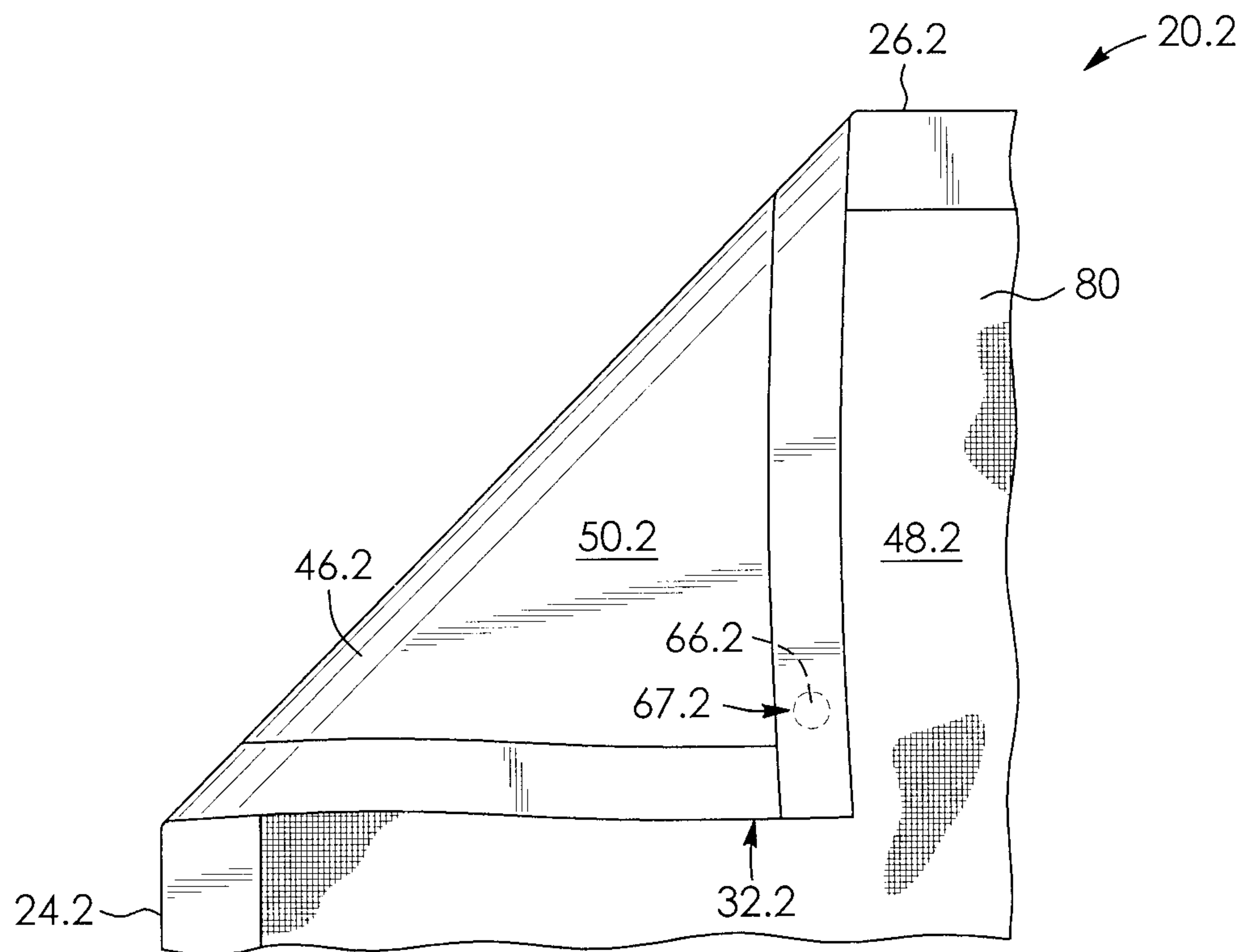


FIG. 9

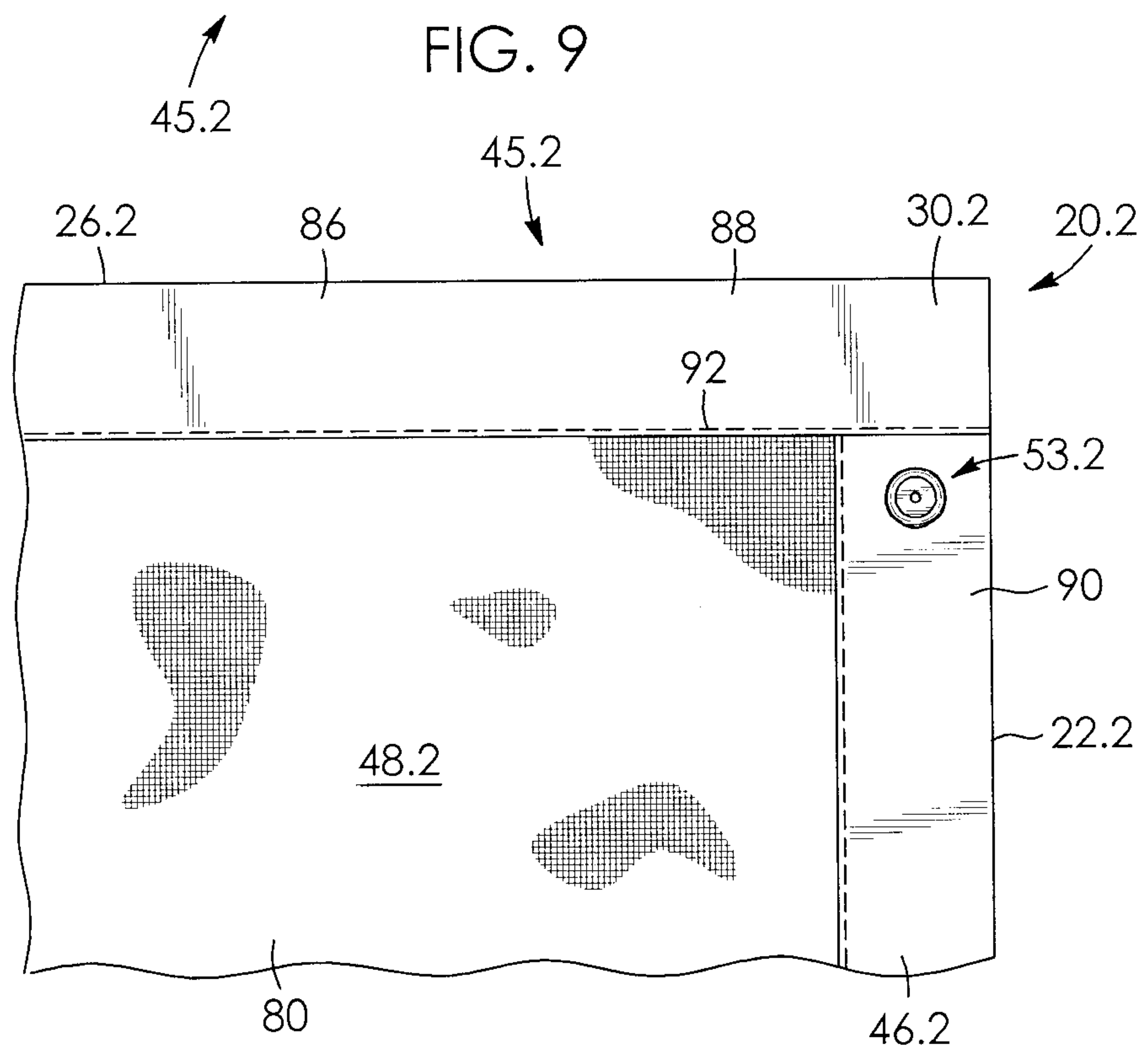


FIG. 10

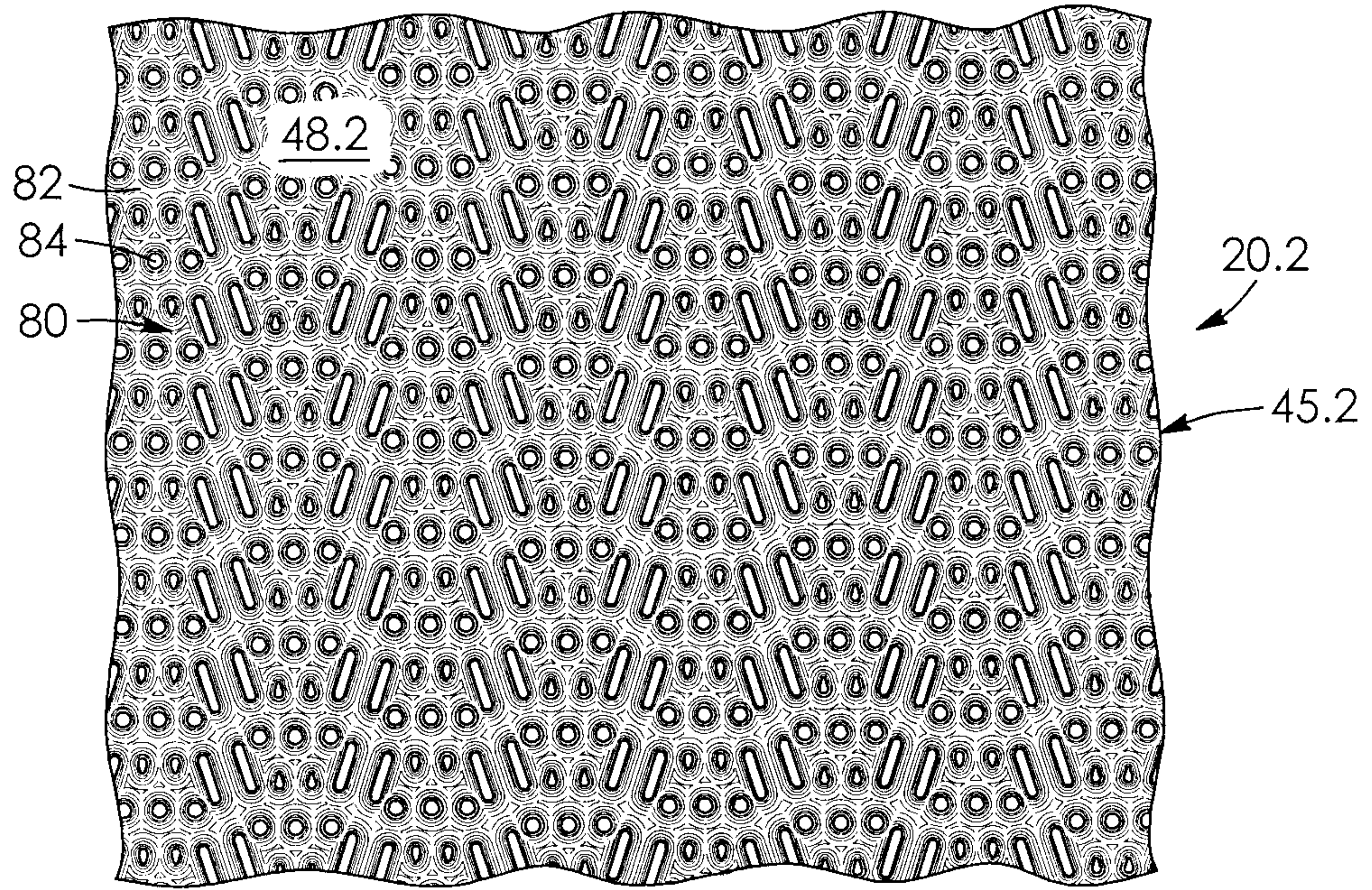


FIG. 11

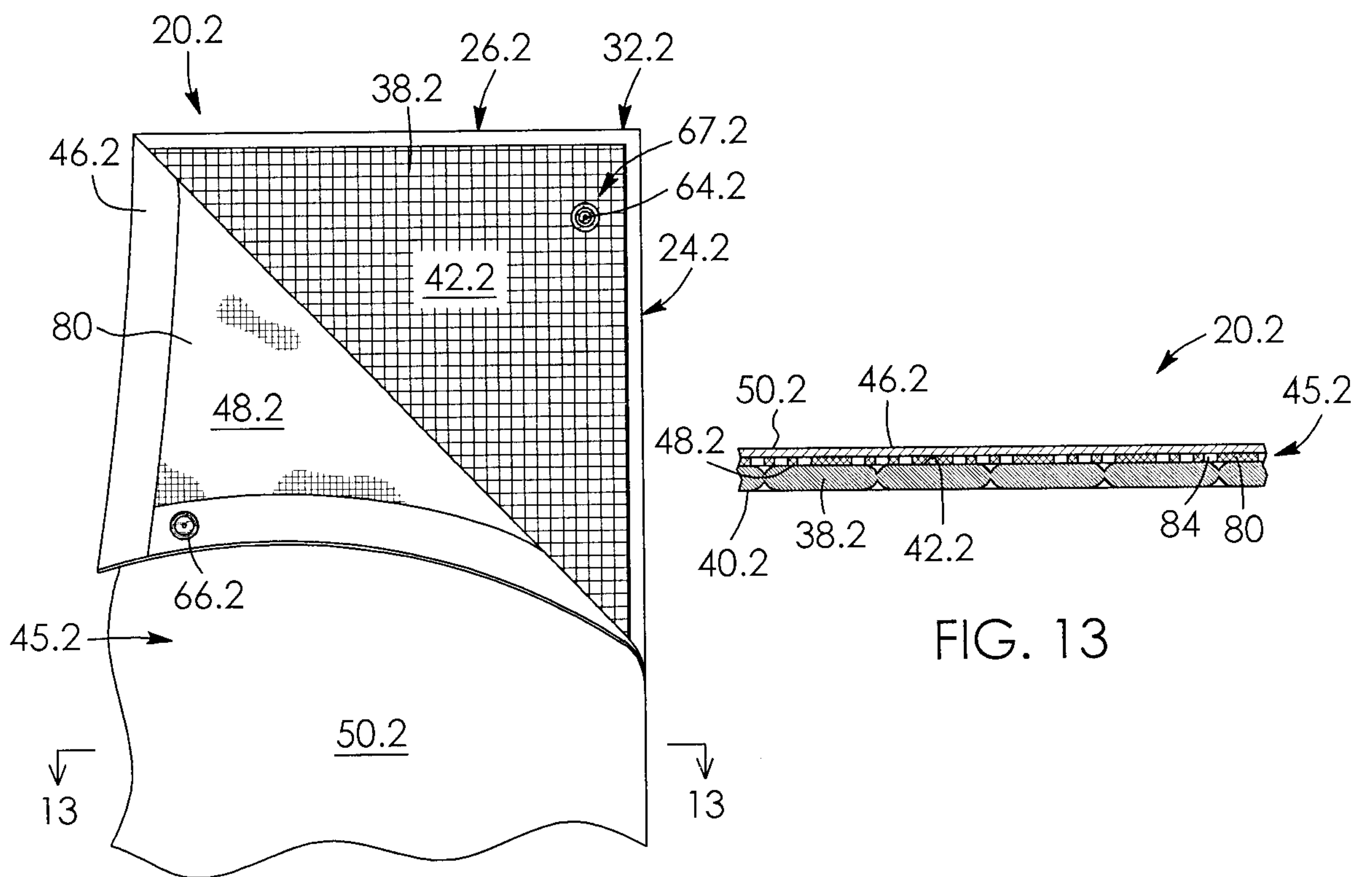


FIG. 13

FIG. 12

