US00D374547S

United States Patent [19]

McDonald et al.

[11] **Patent Number: Des. 374,547**

[45] **Date of Patent: **Oct. 15, 1996**

[54] **BACK SUPPORT BELT**

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[73] Assignee: **Scott Specialties Inc.**, Belleville, Kans.

[**] Term: **14 Years**

[21] Appl. No.: **27,519**

[22] Filed: **Aug. 23, 1994**

[52] **U.S. Cl.** **D2/702**; D29/100; D24/190

[58] **Field of Search** D2/625, 702, 627; D24/190; D29/100, 101; 2/338, 445, 308, 908; 128/96, 195.1, 101, 112.1; 450/100, 116, 155; 602/19

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 273,331	4/1984	Gruber	D24/190
D. 328,383	8/1992	Working, Jr. .	
2,862,500	12/1958	Blatt	D2/625 X
3,119,117	1/1964	Grubman	D2/627 X
4,836,194	6/1989	Sebastan et al.	2/338 X
5,046,488	9/1991	Schiel, Sr.	2/338 X
5,241,704	9/1993	Sydor	2/338 X
5,257,419	11/1993	Alexander	2/338 X

OTHER PUBLICATIONS

"Support belts ease back discomfort" article from Rocky Mountain News by Linda Castrone, Oct. 15, 1992.
Printout from ABI–INFORM (Business database) 1987, 1991.
"New Back Support Takes The Load Off" article from the Florida Times–Union (Jackonville), by S. Strickland, May 19, 1992.
"Measurement of Abdominal and Back Muscle Strength with and without Low Back Pain"Scand J Rehab Med 1:60–65, by Alf Nachemson and Margareta Lindh.
"Effects of Lumber Belts on Trunk Muscle Strength and Endurance: A Follow–up Study of Construction Workers", Journal of Spinal Disorders, vol. 5, #3, p. 260–66 Holmstrom/Moritz.
"Back Support Belts–They are Everywhere", Physical Therapy Products, Sep. '93, J. DeVahl, M.S., P.T., p. 16–17.

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Attorney, Agent, or Firm—Chase & Yakimo

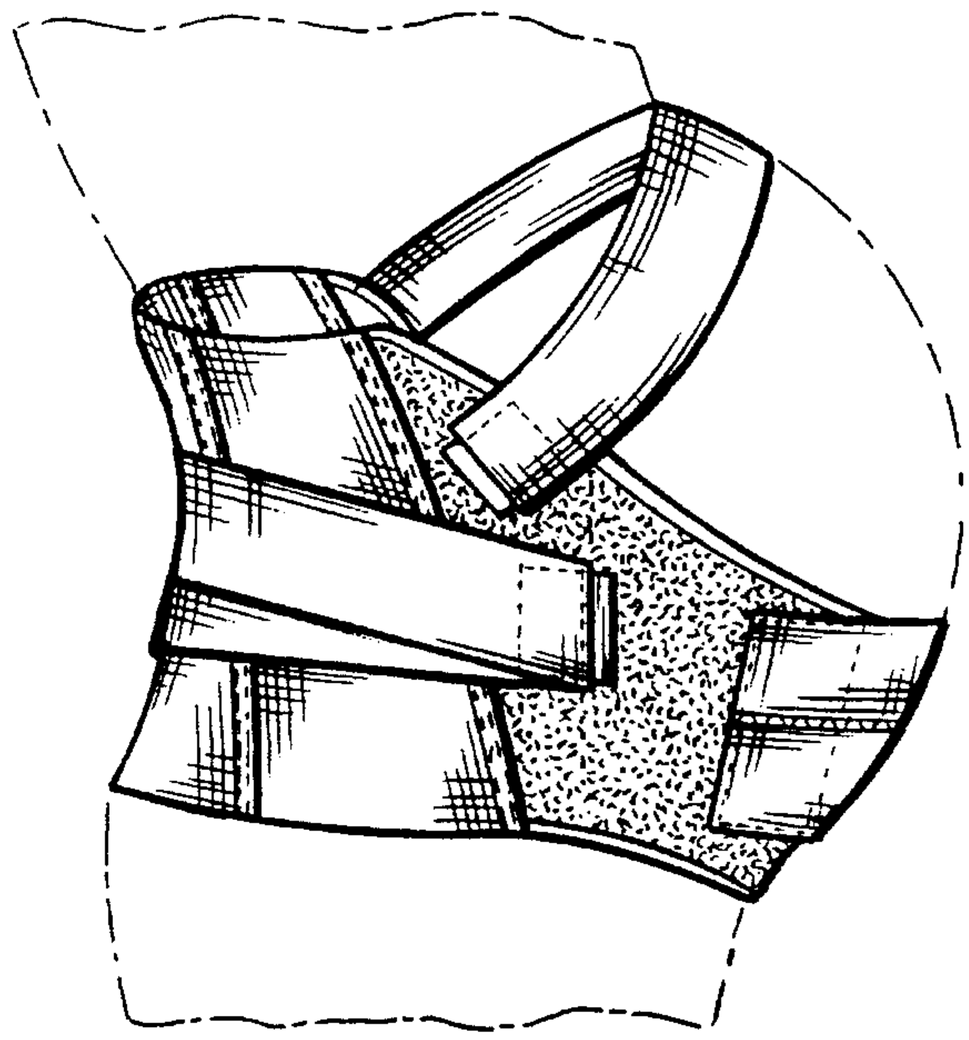
[57] **CLAIM**

The ornamental design for a back support belt, as shown and described.

DESCRIPTION

FIG. **1** is a side perspective view of a back support belt showing our new design, the dashed lines representing conventional stitching, the broken line showing of the human form is for illustrative purpose only and forms no part of the claimed design;
FIG. **2** is a front perspective view thereof, on a reduced scale in an open position;
FIG. **3** is a front perspective view thereof, in a closed position;
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a front elevational view thereof;
FIG. **6** is a side elevational view of a second embodiment of a back support belt showing our new design, the dashed lines representing conventional stitching, the broken line showing of the human form is for illustrative purposes only and forms no part of the claimed design;
FIG. **7** is a front perspective view thereof on a reduced scale in an open position;
FIG. **8** is a front perspective view thereof, in a closed position;
FIG. **9** is a front elevation view thereof; and,
FIG. **10** is a rear elevational view thereof.

1 Claim, 6 Drawing Sheets



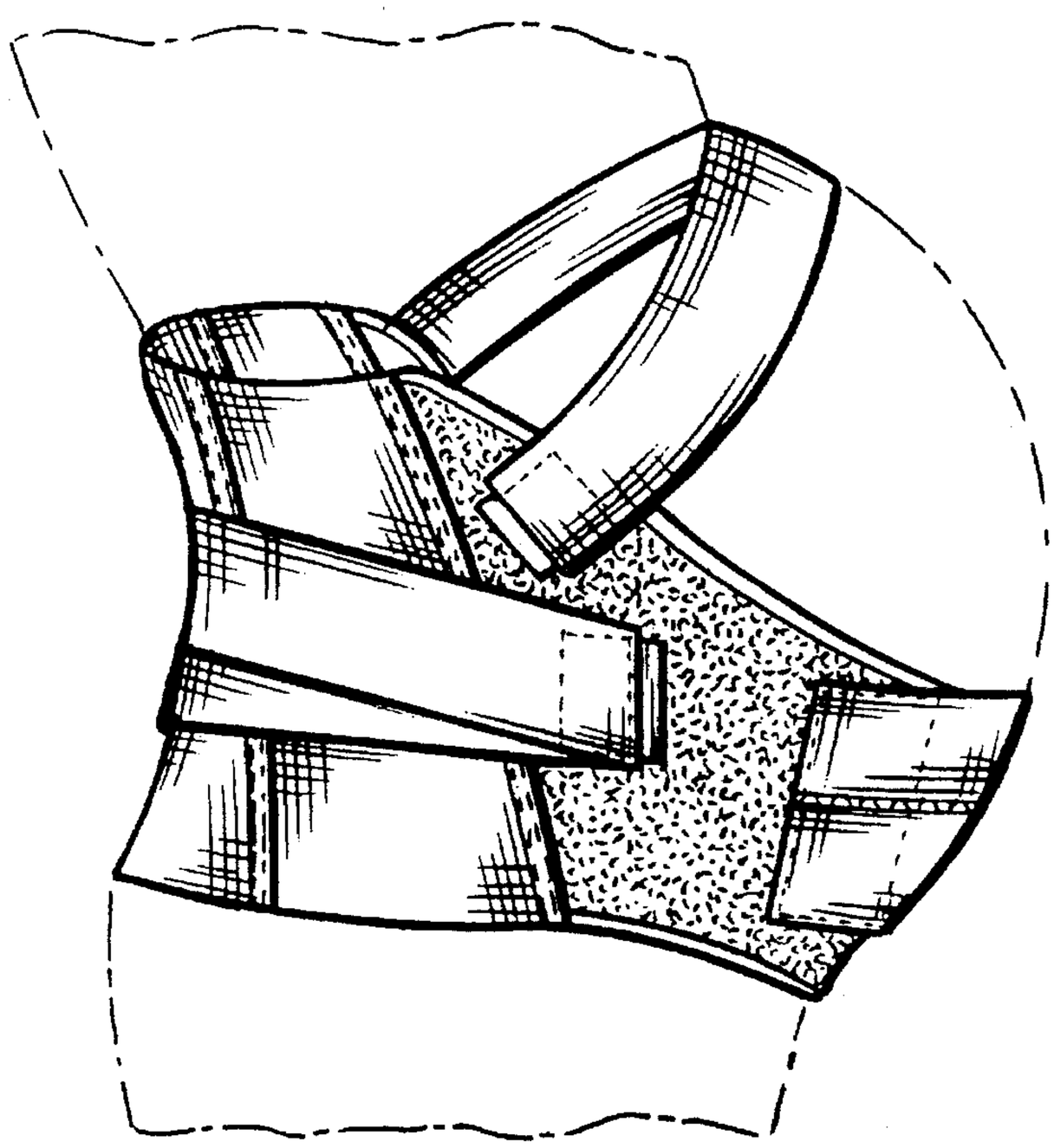


FIG. 1

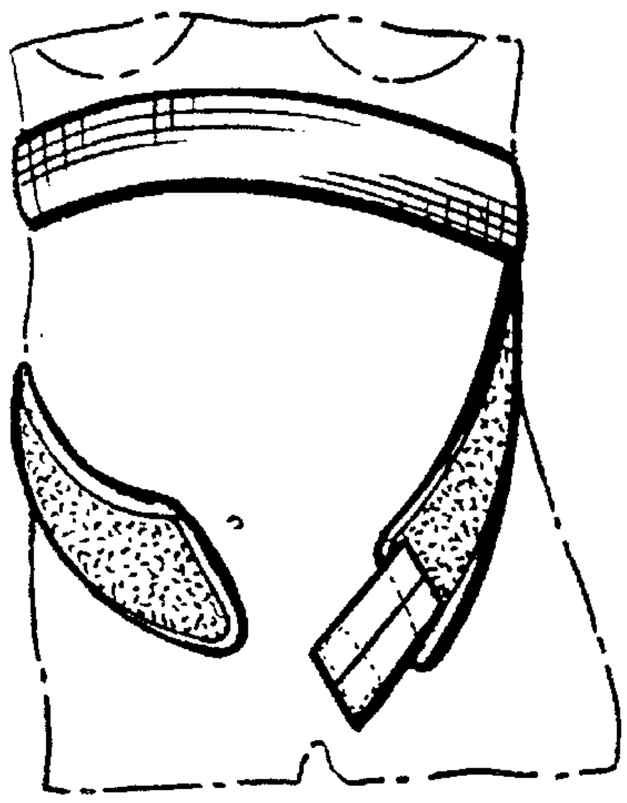


FIG. 2

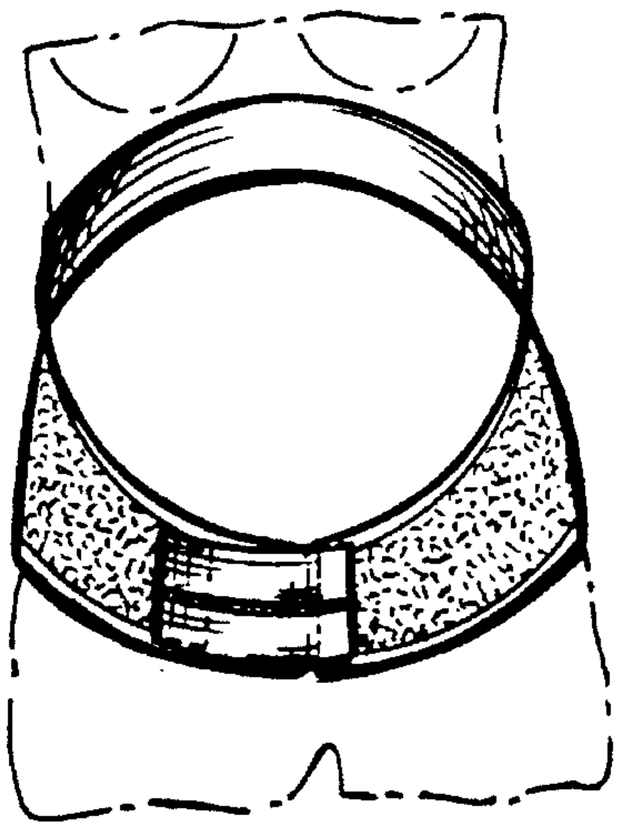


FIG. 3

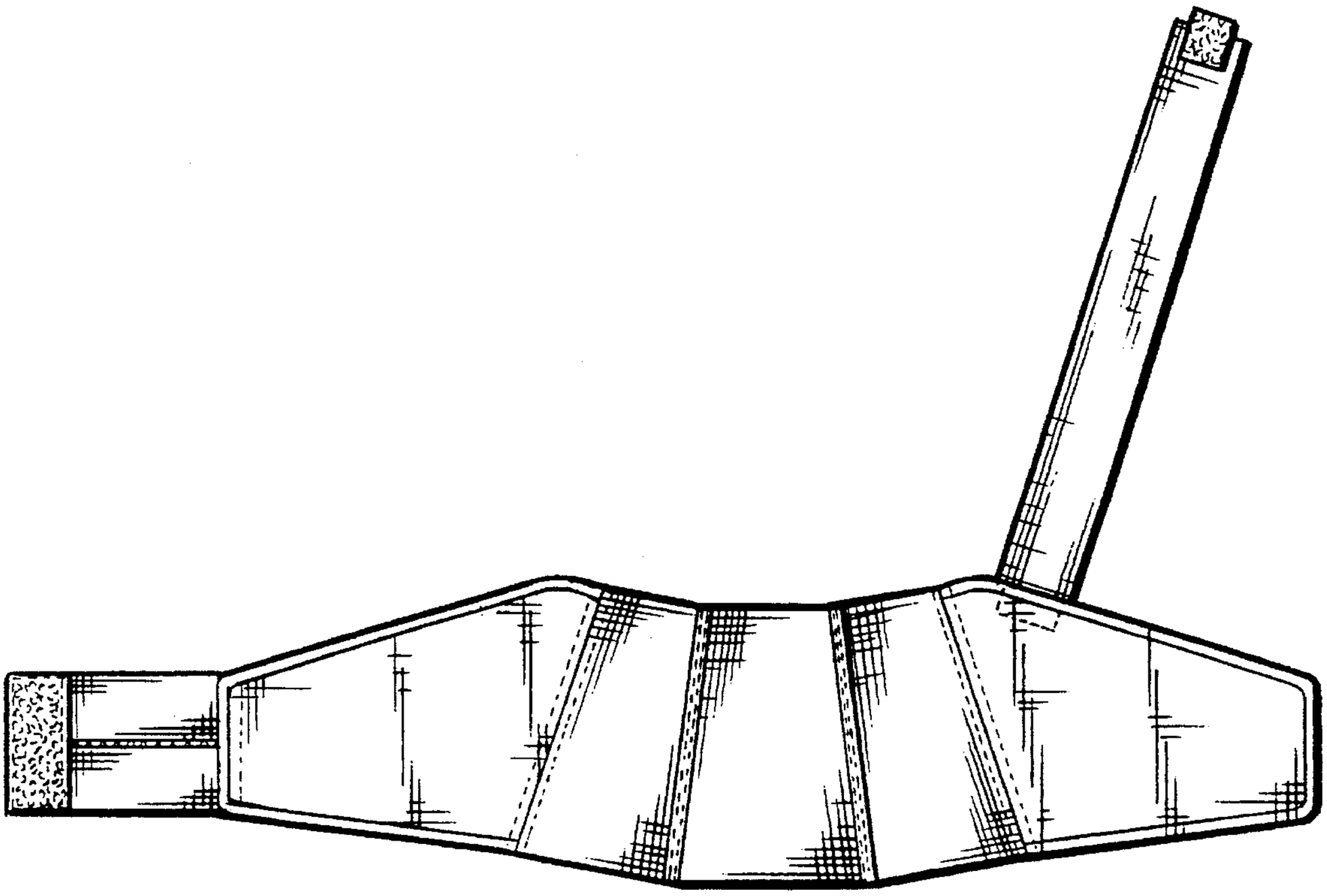


FIG. 4

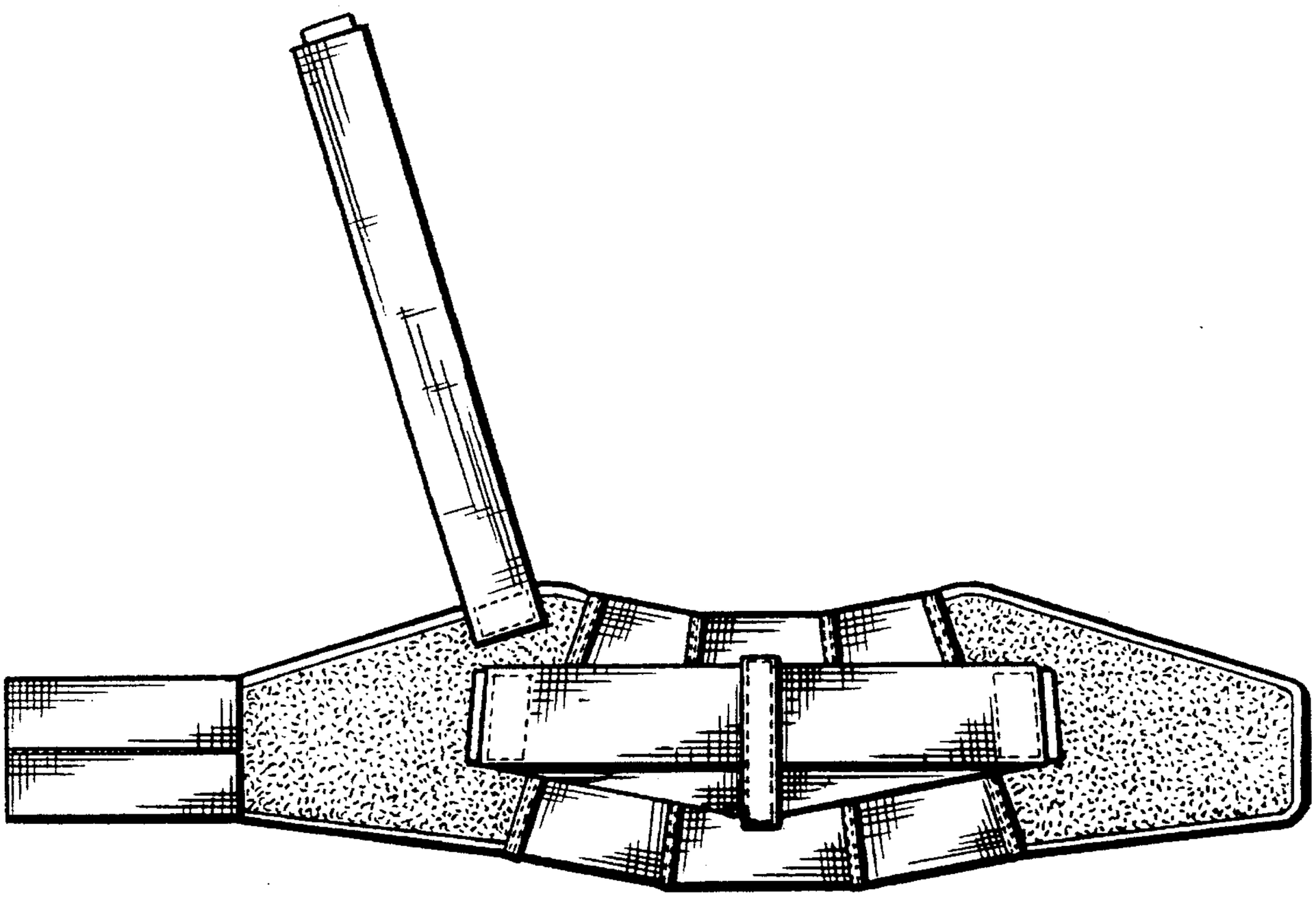


FIG. 5

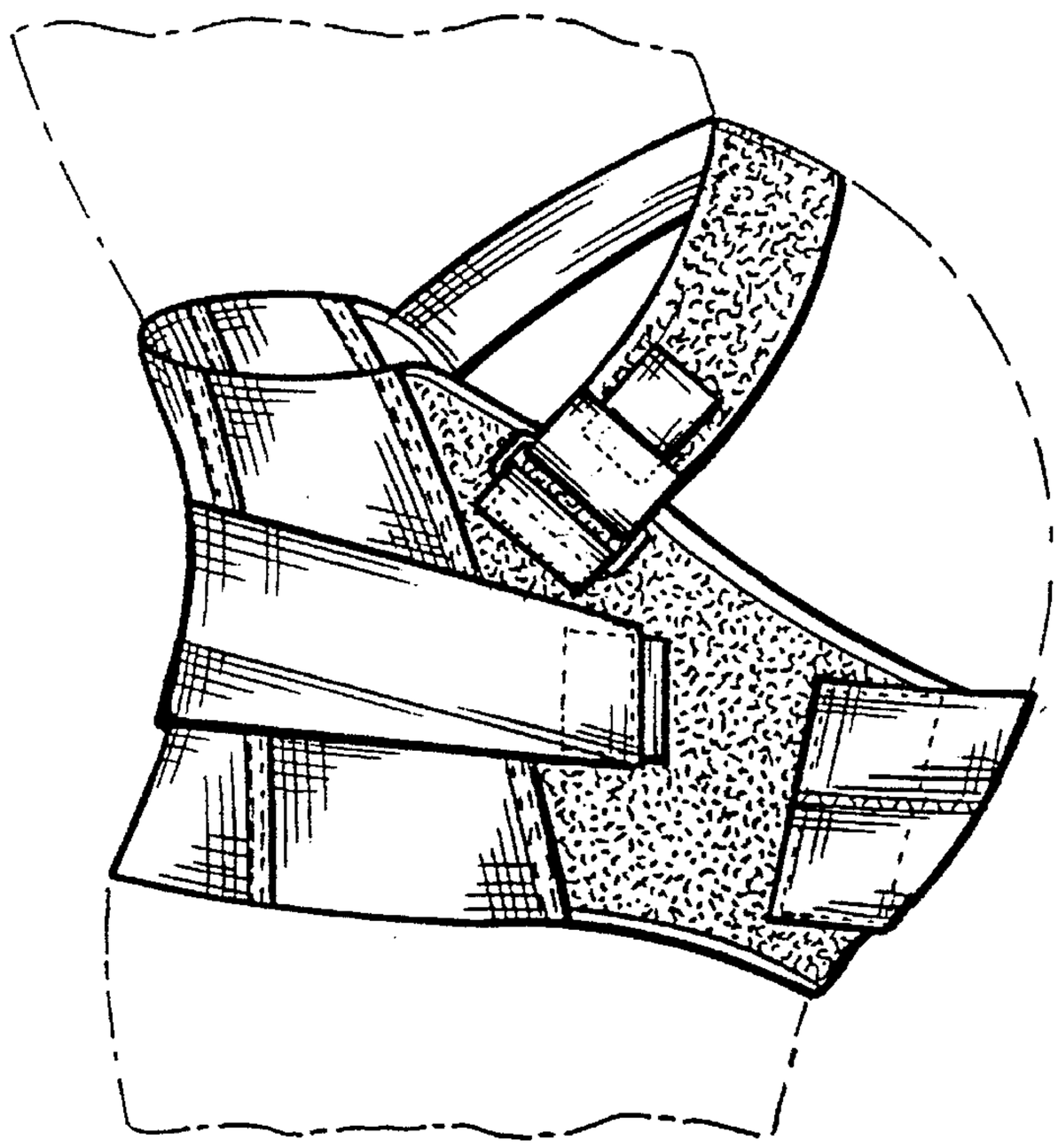


FIG. 6

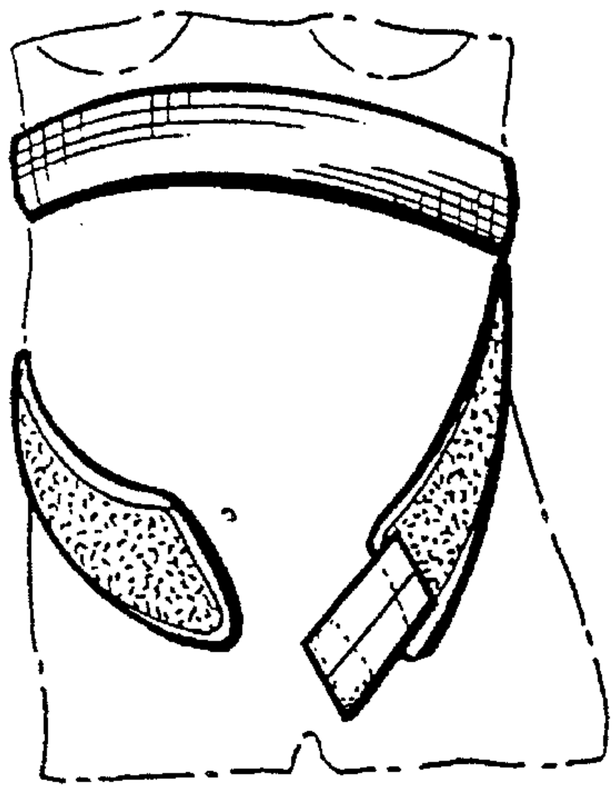


FIG. 7

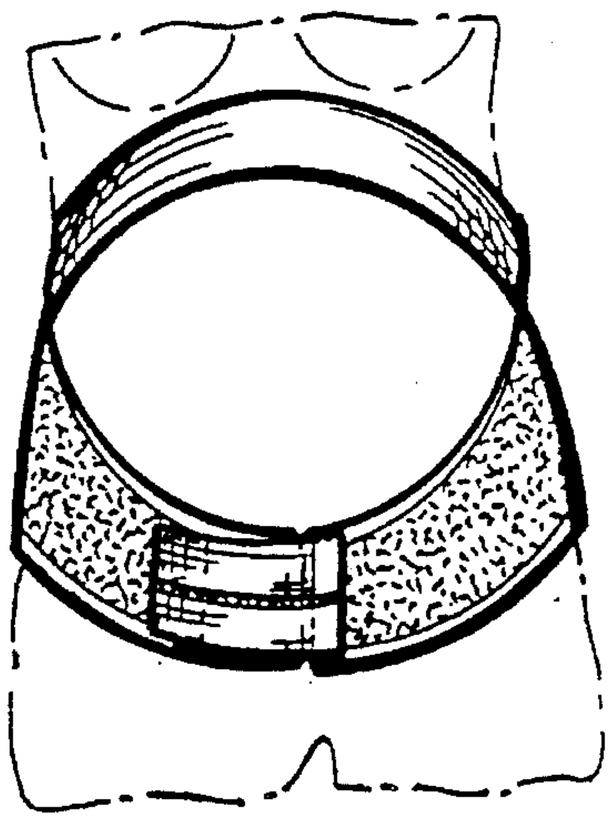


FIG. 8

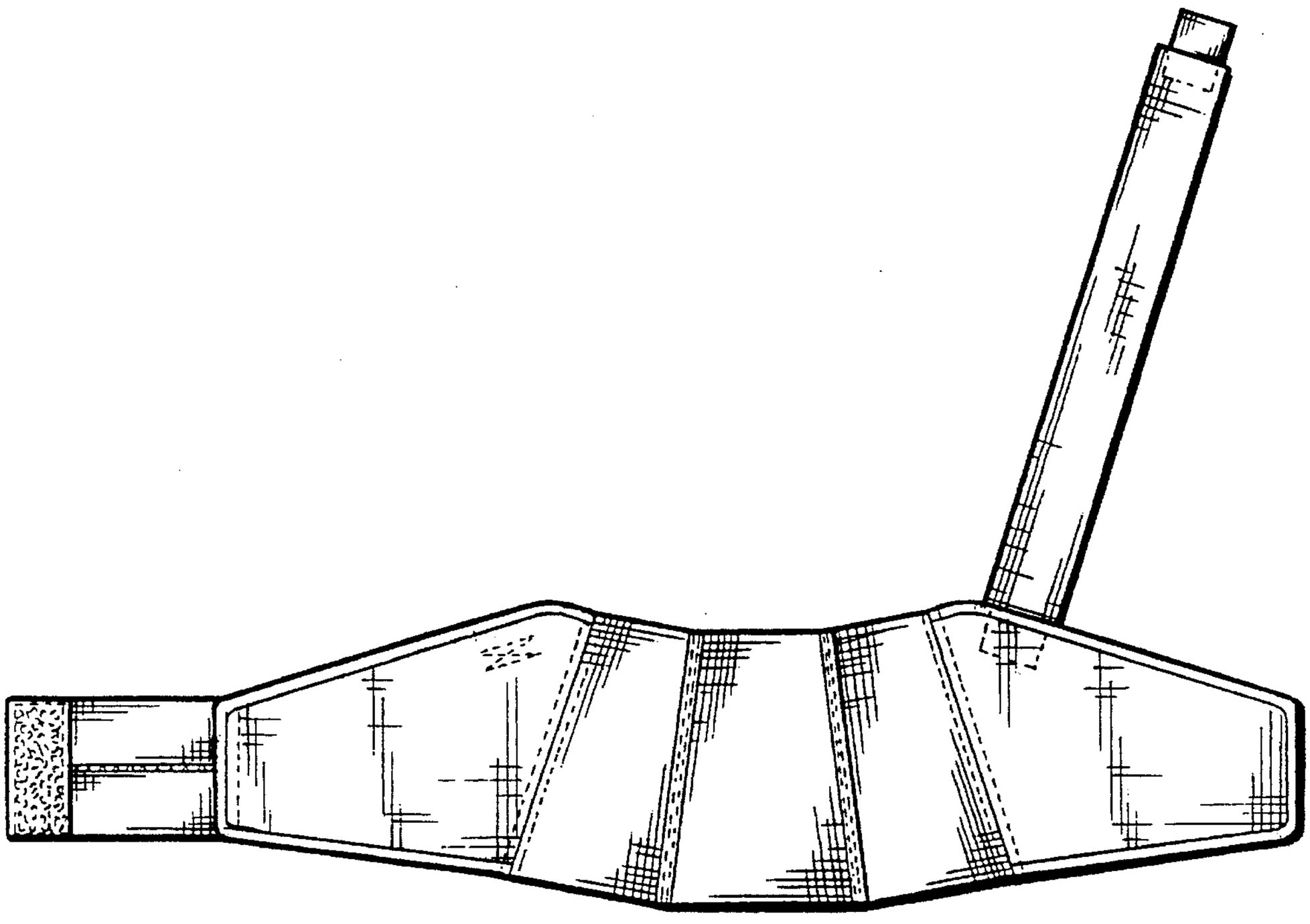


FIG. 9

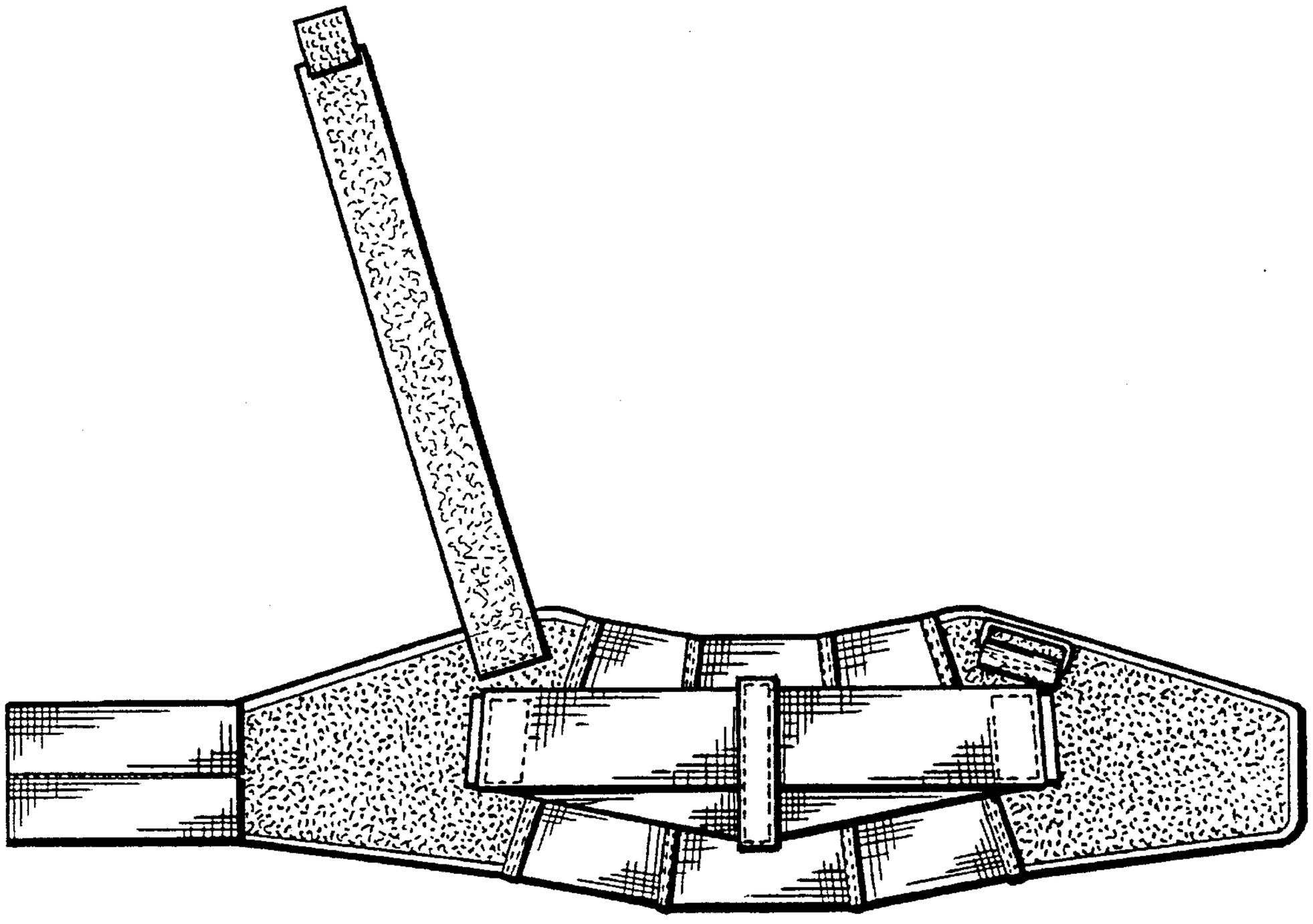


FIG. 10