



US00D357070S

United States Patent [19]

[11] Patent Number: **Des. 357,070**

Castillo

[45] Date of Patent: **** Apr. 4, 1995**

[54] **ORTHOPEDIC KNEE BRACE**

[76] Inventor: **Edward L. Castillo, 25781 Dillon Rd., Laguna Hills, Calif. 92653**

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

[21] Appl. No.: **17,889**

[22] Filed: **Jan. 24, 1994**

[52] U.S. Cl. **D24/190**

[58] Field of Search **D24/190; 602/26, 16, 602/23, 5, 6, 1**

4,603,690	8/1986	Skeen	128/80 C
4,614,181	9/1986	Karlsson	128/80 C
4,620,532	11/1986	Houswerth	128/80 C
4,628,916	12/1986	Lerman et al.	128/80 C
4,665,905	5/1987	Brown	128/80 C
4,681,097	7/1987	Pansiera	128/77
4,697,583	10/1987	Mason et al.	128/80 C
4,699,129	10/1987	Aaserude et al.	128/80 C
4,715,363	12/1987	Detty	128/80 C
4,723,539	2/1988	Townsend	128/80 C
4,791,916	12/1988	Paez	128/80 C
4,803,975	2/1989	Meyers	128/80 C
4,854,308	8/1989	Drillio	128/80 C
4,886,054	12/1989	Castillo et al.	128/80 F
4,940,044	7/1990	Castillo	128/80 C
4,964,402	10/1990	Grim et al.	128/80 H
4,986,264	1/1991	Miller	D24/190 X
5,063,916	11/1991	France et al.	128/80 C
5,135,469	8/1992	Castillo	602/16
5,230,697	7/1993	Castillo et al.	602/16
5,288,287	2/1994	Castillo et al.	602/16

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 269,379	6/1983	Bledsoe	D24/64
D. 284,702	7/1986	Castillo	D24/64
D. 298,568	11/1988	Womack et al.	D24/190
D. 318,736	7/1991	Castillo	D24/190
D. 346,028	4/1994	Lengyel	D24/190
1,390,915	9/1921	Loth	.
2,531,486	11/1950	Weber	128/80
2,883,982	4/1959	Rainey	128/80
3,030,634	4/1962	Bair	3/22
3,099,448	7/1963	Salvo et al.	273/54
3,387,305	6/1968	Shafer	2/22
3,669,105	6/1972	Castiglia	128/80 C
3,779,654	12/1973	Horne	403/62
3,817,244	6/1974	Taylor	128/80 C
3,900,898	8/1975	Ackerman	2/22
3,902,482	9/1975	Taylor	128/80 F
3,928,872	12/1975	Johnson	2/22
3,958,569	5/1976	Vosburgh	128/80 C
4,136,404	1/1979	Lange	2/22
4,241,730	12/1980	Helfet	128/80 C
4,271,831	6/1981	Deibert	128/80 C
4,361,142	11/1982	Lewis et al.	128/80 C
4,372,298	2/1983	Lerman	128/80 C
4,381,768	5/1983	Erichsen et al.	128/80 C
4,407,276	10/1983	Bledsoe	128/80 C
4,428,369	1/1984	Peckham et al.	128/80 C
4,487,200	12/1984	Feanny et al.	128/80 C
4,489,718	12/1984	Martin	128/80 C
4,493,316	1/1985	Reed et al.	128/80 C
4,494,534	1/1985	Hutson	128/80 F
4,503,846	3/1985	Martin	128/80 C
4,523,585	6/1985	Lamb et al.	128/80 C
4,554,913	11/1985	Womach et al.	128/80 C
4,599,998	7/1986	Castillo	128/77

FOREIGN PATENT DOCUMENTS

297766	4/1989	European Pat. Off.	A61F 5/01
1491569	7/1969	Germany	.
2432766	3/1975	Germany	.
8400533	11/1984	WIPO	A61F 5/00

OTHER PUBLICATIONS

“Strength and Motor Task Performance as Effected by the Carbon Titanium Knee Brace in Normal Healthy Males”, by T. K. Iglehart, 1985, Colorado State Univ., Dept. of Physical Education, Fort Collins, Colo. Spring 1985—pp. 1-12.

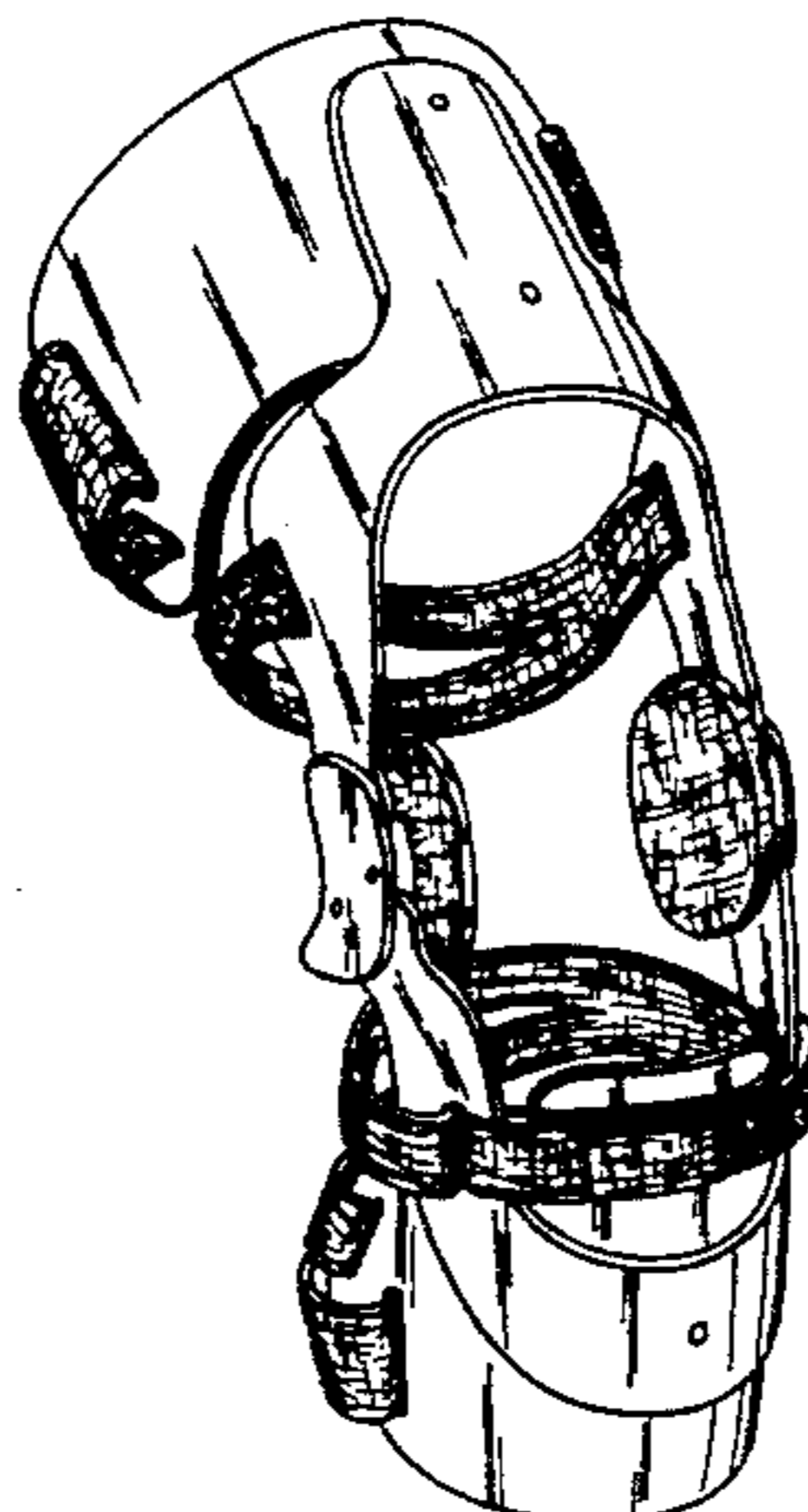
Primary Examiner—Stella Reid
Attorney, Agent, or Firm—Stetina Brunda & Buyan

[57] **CLAIM**

The ornamental design for an orthopedic knee brace, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the orthopedic knee brace of the present invention showing my new design; FIG. 2 is a rear perspective view thereof; and, FIG. 3 is a rear perspective view with the attachment straps depicted in their open orientation.



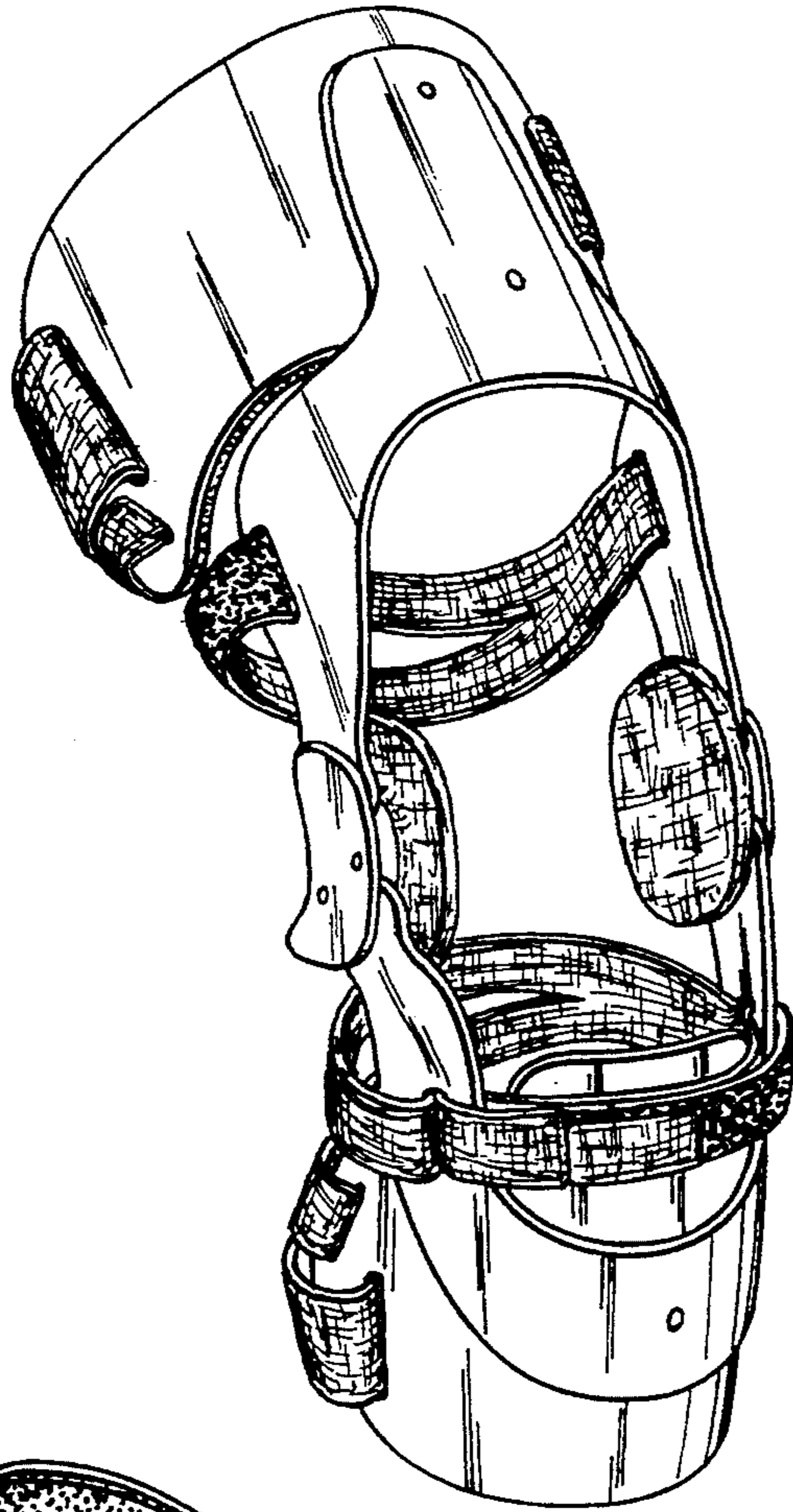


Fig. 1

Fig. 2

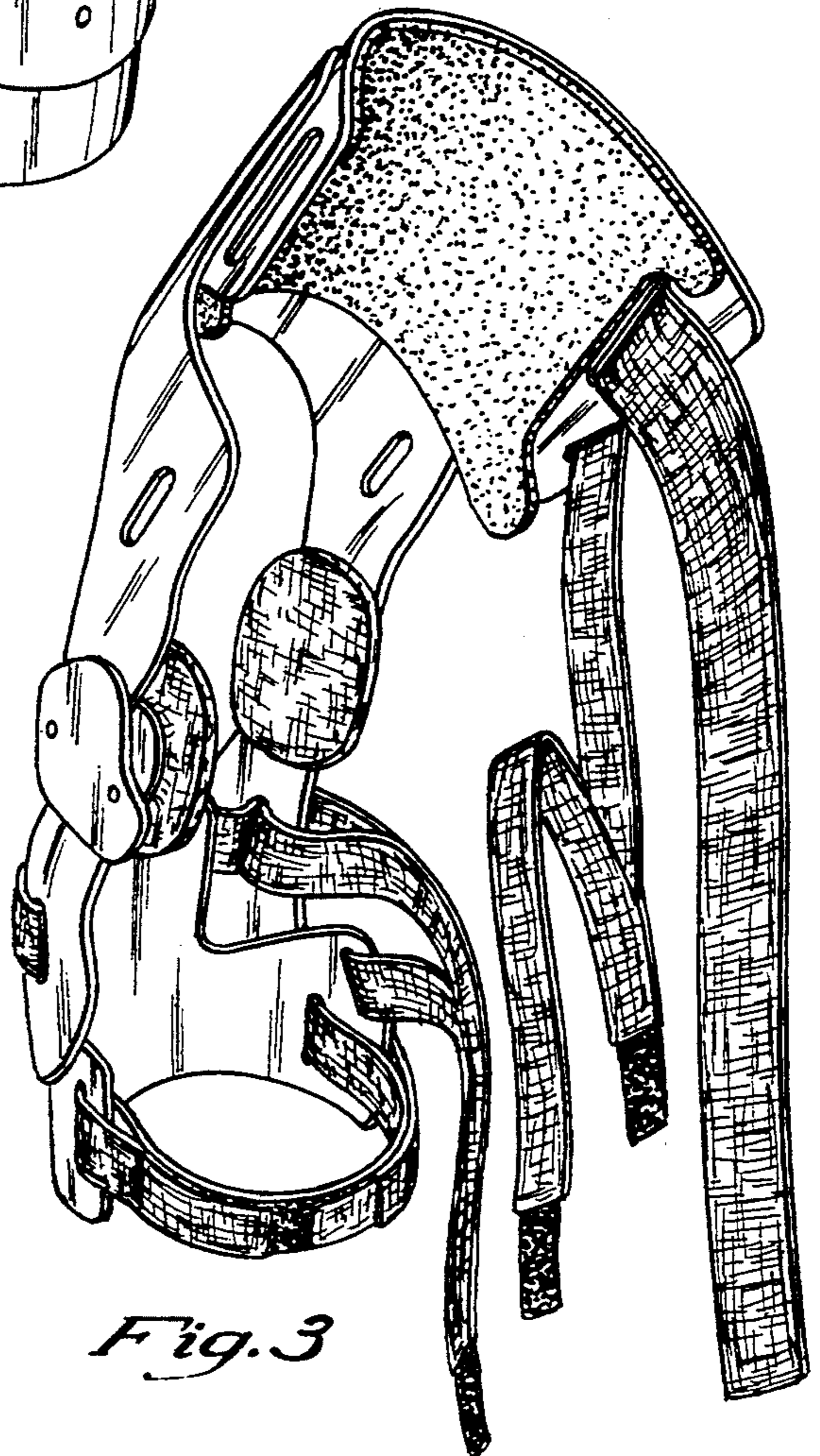
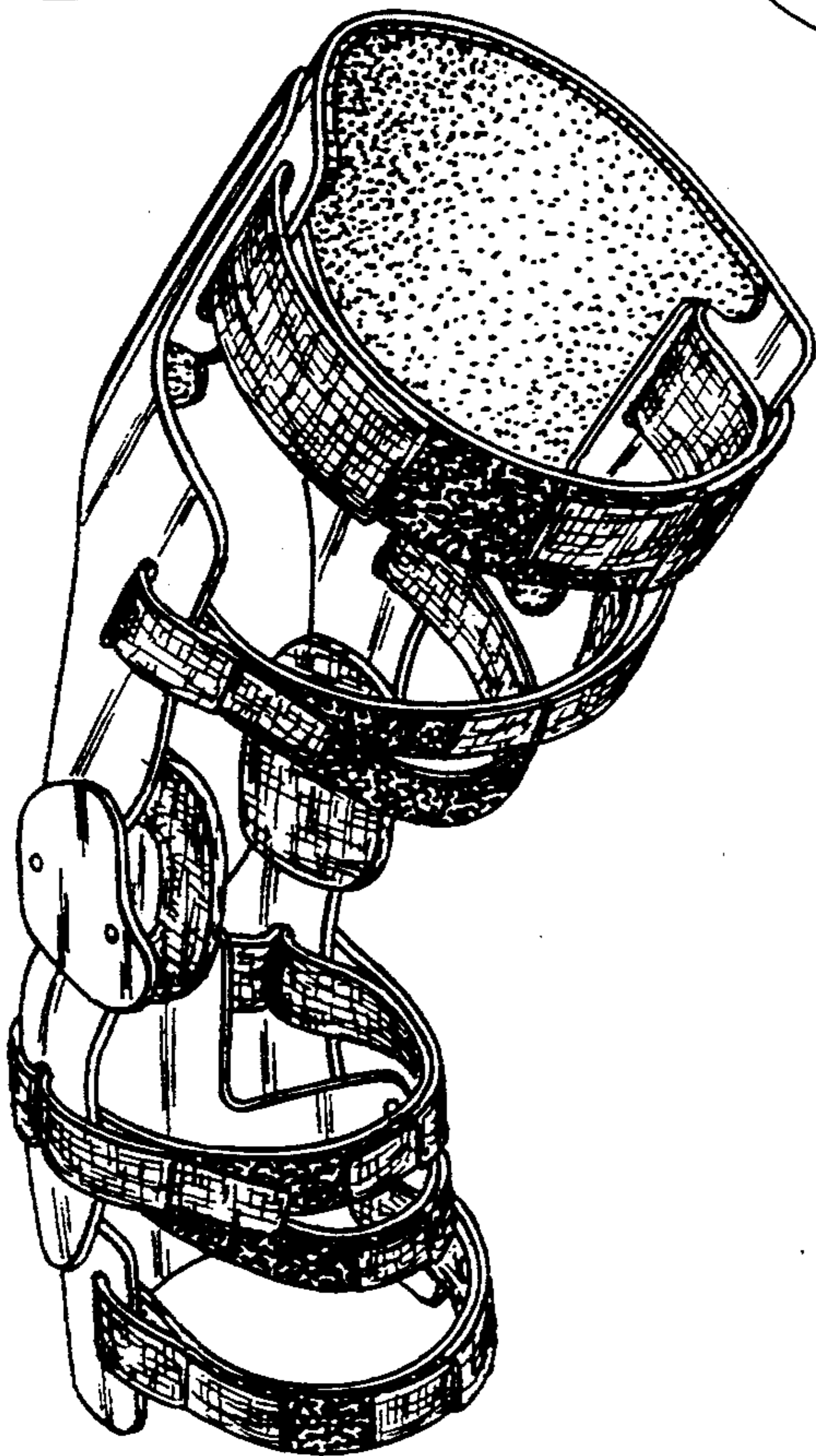


Fig. 3