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(12) **United States Design Patent**  
**Schneider et al.**

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(54) **ELECTRODE**

(75) Inventors: **Ely Schneider**, Flushing, NY (US);  
**Hanan Keren**, Kfar-Saba (IL)

(73) Assignee: **Cheetah Medical Ltd.**, Tortola (VG)

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D24/164, 167, 168, 170, 187, 231; 600/300,  
600/301, 368, 372, 481, 529, 544, 554, 561;  
607/4, 5, 9, 30, 129

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,340,867 A	9/1967	Kubicek et al.	
3,874,368 A	4/1975	Asrican	
4,094,309 A	6/1978	Grzenia	
4,153,048 A	5/1979	Magrini	
RE30,101 E	9/1979	Kubicek et al.	
4,437,469 A	3/1984	Djordjevich et al.	
4,450,527 A	5/1984	Sramek	
4,537,200 A	8/1985	Widrow	
4,610,254 A	9/1986	Morgan et al.	
4,705,049 A	11/1987	John	
D297,460 S *	8/1988	Inoue et al.	D24/168
D297,461 S *	8/1988	Inoue et al.	D24/168
4,803,431 A	2/1989	Sano et al.	
4,852,580 A	8/1989	Wood	
4,870,578 A	9/1989	Vysin et al.	
4,953,556 A	9/1990	Evans	
5,178,154 A	1/1993	Ackmann et al.	
5,309,917 A	5/1994	Wang et al.	
5,316,004 A	5/1994	Chesney et al.	
5,354,328 A *	10/1994	Doan et al.	607/129
5,423,326 A	6/1995	Wang et al.	
5,469,859 A	11/1995	Tsoglin et al.	
5,503,157 A	4/1996	Sramek	

5,505,209 A	4/1996	Reining	
D369,667 S *	5/1996	Vincentis et al.	D24/187
5,529,072 A	6/1996	Sramek	
D378,614 S *	3/1997	Jensen	D24/187
5,615,689 A	4/1997	Kotler	
5,642,734 A	7/1997	Ruben et al.	

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO WO 2004/098376 11/2004

(Continued)

**OTHER PUBLICATIONS**

Communication Relating to the Results of the Partial International Search Dated Dec. 5, 2008 From the International Searching Authority Re.: Application No. PCT/IL2008/001105.

(Continued)

*Primary Examiner*—T. Chase Nelson  
*Assistant Examiner*—Mark Cavanna

(57) **CLAIM**

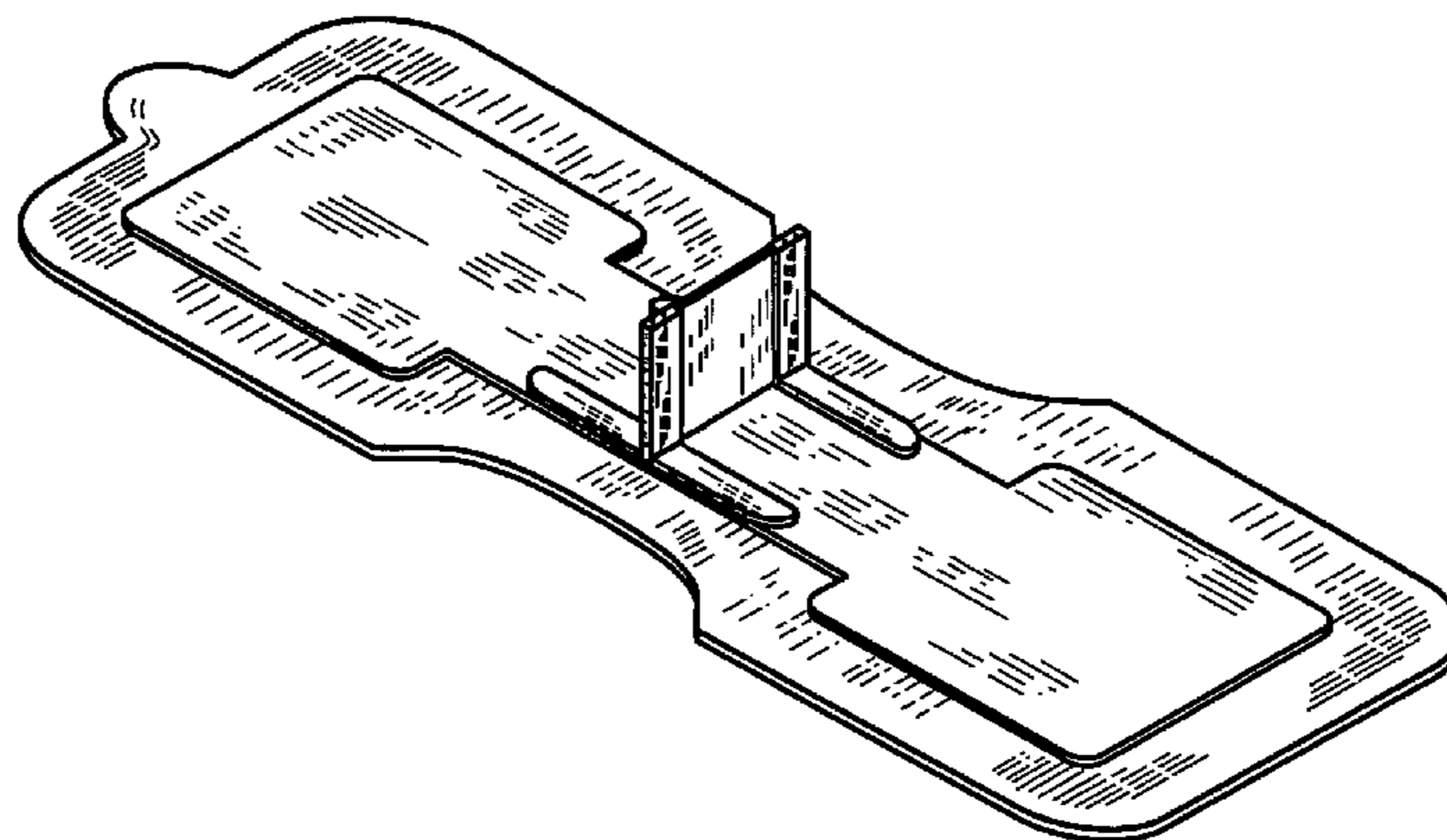
The ornamental design for an electrode, as shown and described.

**DESCRIPTION**

FIG. 1 is a rear view of an electrode showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a side view thereof, the opposite side view being identical;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof; and,  
FIG. 6 is a perspective view thereof.

The broken lines are included for the purpose of illustrating portions of the electrode that forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



U.S. PATENT DOCUMENTS

D385,037	S	*	10/1997	Jensen	.....	D24/187
5,685,316	A		11/1997	Schookin et al.		
5,817,030	A		10/1998	Tarjan et al.		
6,015,393	A		1/2000	Hovland et al.		
D423,674	S	*	4/2000	Bassøe	.....	D24/187
6,053,873	A		4/2000	Govari et al.		
6,076,015	A		6/2000	Hartley et al.		
D429,337	S	*	8/2000	Sanfilippo	.....	D24/187
6,142,941	A		11/2000	Benhalima et al.		
6,304,773	B1		10/2001	Taylor et al.		
6,339,722	B1		1/2002	Heethaar et al.		
D457,634	S	*	5/2002	Rouns et al.	.....	D24/168
D458,376	S	*	6/2002	Rouns et al.	.....	D24/168
6,413,223	B1		7/2002	Yang et al.		
6,440,082	B1		8/2002	Joo et al.		
6,485,431	B1		11/2002	Campbell et al.		
6,496,732	B1		12/2002	Wallace		
6,511,438	B2		1/2003	Bernstein et al.		
6,577,897	B1		6/2003	Shurubura et al.		
D477,085	S	*	7/2003	Sanfilippo	.....	D24/187
D478,173	S	*	8/2003	Nielsen	.....	D24/187
D478,668	S	*	8/2003	Epstein	.....	D24/187
D522,374	S	*	6/2006	Nova et al.	.....	D24/187
D567,949	S	*	4/2008	Lash et al.	.....	D24/168
D584,414	S	*	1/2009	Lash et al.	.....	D24/187
D590,342	S	*	4/2009	Davila et al.	.....	D24/187
2002/0193689	A1		12/2002	Bernstein et al.		
2003/0109790	A1		6/2003	Stickney et al.		
2003/0120170	A1		6/2003	Zhu et al.		
2003/0187341	A1		10/2003	Sackner et al.		
2004/0102908	A1		5/2004	Larson et al.		
2004/0133123	A1		7/2004	Leonhardt et al.		
2005/0004609	A1		1/2005	Stahmann et al.		
2006/0085048	A1		4/2006	Cory et al.		
2006/0122540	A1		6/2006	Zhu et al.		
2006/0200033	A1		9/2006	Keren et al.		

FOREIGN PATENT DOCUMENTS

WO	WO 2006/087696	8/2006
WO	WO 2008/102362	8/2008
WO	WO 2008/107899	9/2008
WO	WO 2008/129535	10/2008

OTHER PUBLICATIONS

International Preliminary Report on Patentability Dated Aug. 16, 2007 From the International Preliminary Examining Authority Re.: Application No. PCT/IL06/00075.

International Preliminary Report on Patentability Dated Nov. 18, 2008 From the International Preliminary Examining Authority Re.: Application No. PCT/IL04/00395.

International Search Report Dated Aug. 5, 2008 From the International Searching Authority Re.: Application No. PCT/IL2008/000309.

International Search Report Dated Dec. 6, 2006 From the International Searching Authority Re.: Application No. PCT/IL06/00075.

International Search Report Dated Mar. 22, 2005 From the International Searching Authority Re.: Application No. PCT/IL04/00395.

International Search Report Dated Jul. 28, 2008 From the International Searching Authority Re.: Application No. PCT/IL2008/000233.

Translation of the Official Action Dated Dec. 12, 2008 From the State Intellectual Property Office of the People's Republic of China Re.: Application No. 200680012560.2.

Written Opinion Dated Aug. 5, 2008 From the International Searching Authority Re.: Application No. PCT/IL2008/000309.

Written Opinion Dated Dec. 6, 2006 From the International Searching Authority Re.: Application No. PCT/IL06/00075.

Written Opinion Dated Mar. 22, 2005 From the International Searching Authority Re.: Application No. PCT/IL04/00395.

Written Opinion Dated Jul. 28, 2008 From the International Searching Authority Re.: Application No. PCT/IL2008/000233.

Kubicek et al. "The Minnesota Impedance Cardiograph—Theory and Applications", Biomedical Engineering, XP001051054, 9(9): 410-416, Sep. 1, 1974. p. 411, Middle Col., Figs.1, 2.

Communication Pursuant to Article 94(3) EPC Dated Jul. 8, 2009 From the European Patent Office Re.: Application No. 04731993.4.

Office Action Dated Jul. 24, 2009 From the State Intellectual Property Office of the People's Republic of China Re.: Application No. 200680012560.2 and Its Translation Into English.

International Preliminary Report on Patentability Dated Nov. 4, 2009 From the International Preliminary Examining Authority Re.: Application No. PCT/IL2008/001105.

International Preliminary Report on Patentability Dated Sep. 17, 2009 From the International Bureau of WIPO Re.: Application No. PCT/IL2008/000309.

International Preliminary Report on Patentability Dated Aug. 26, 2009 From the International Bureau of WIPO Re.: Application No. PCT/IL2008/000233.

International Preliminary Report on Patentability Dated Oct. 29, 2009 From the International Bureau of WIPO Re.: Application No. PCT/IL2008/000509.

Official Action Dated Oct. 6, 2009 From the US Patent and Trademark Office Re.: U.S. Appl. No. 10/556,483.

Response Dated Nov. 8, 2009 to Communication Pursuant to Article 94(3) EPC of Jul. 8, 2009 From the European Patent Office Re.: Application No. 04731993.4.

\* cited by examiner

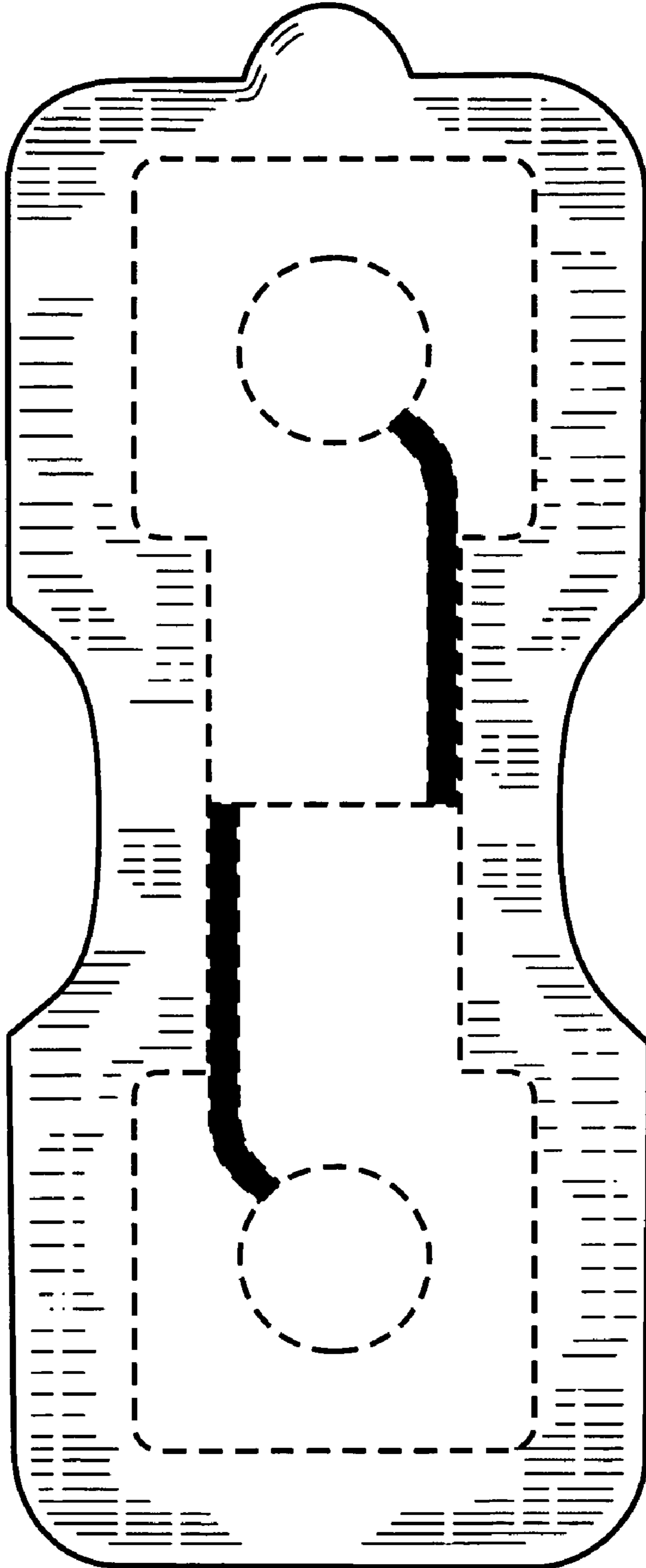


Fig. 1



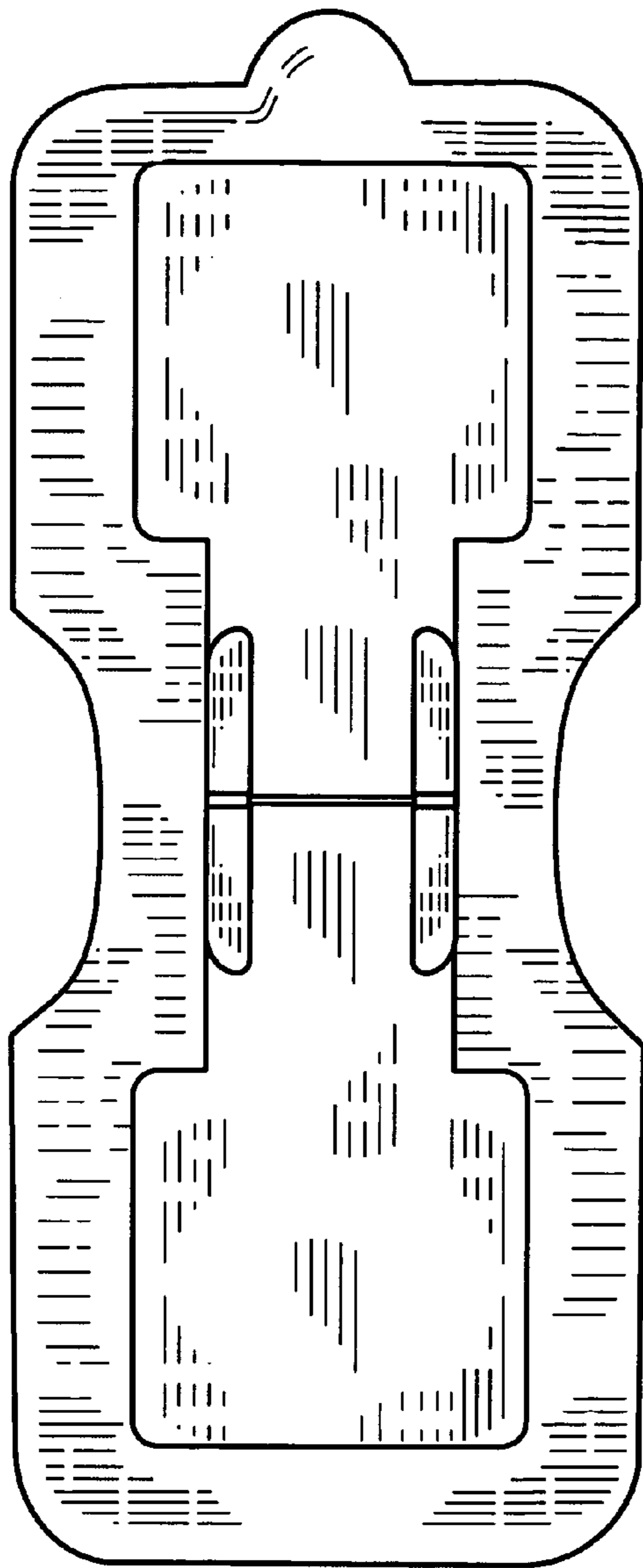


Fig. 2

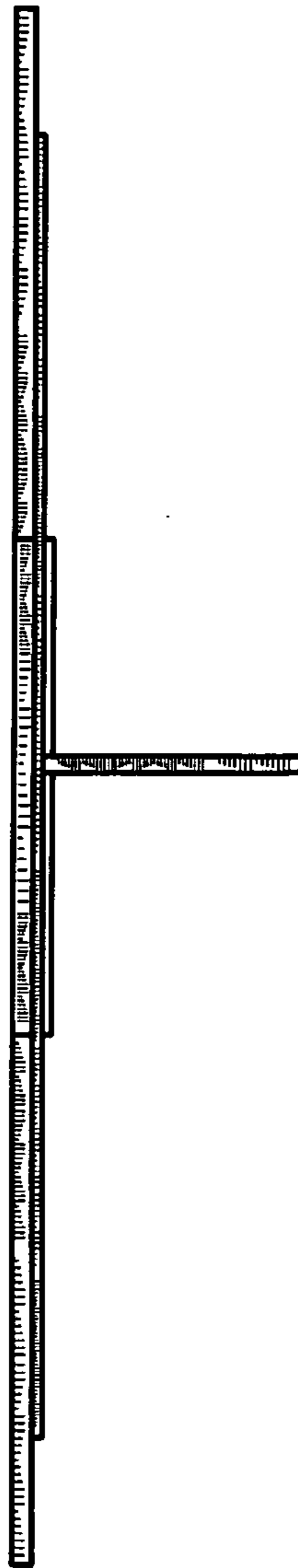


Fig. 3

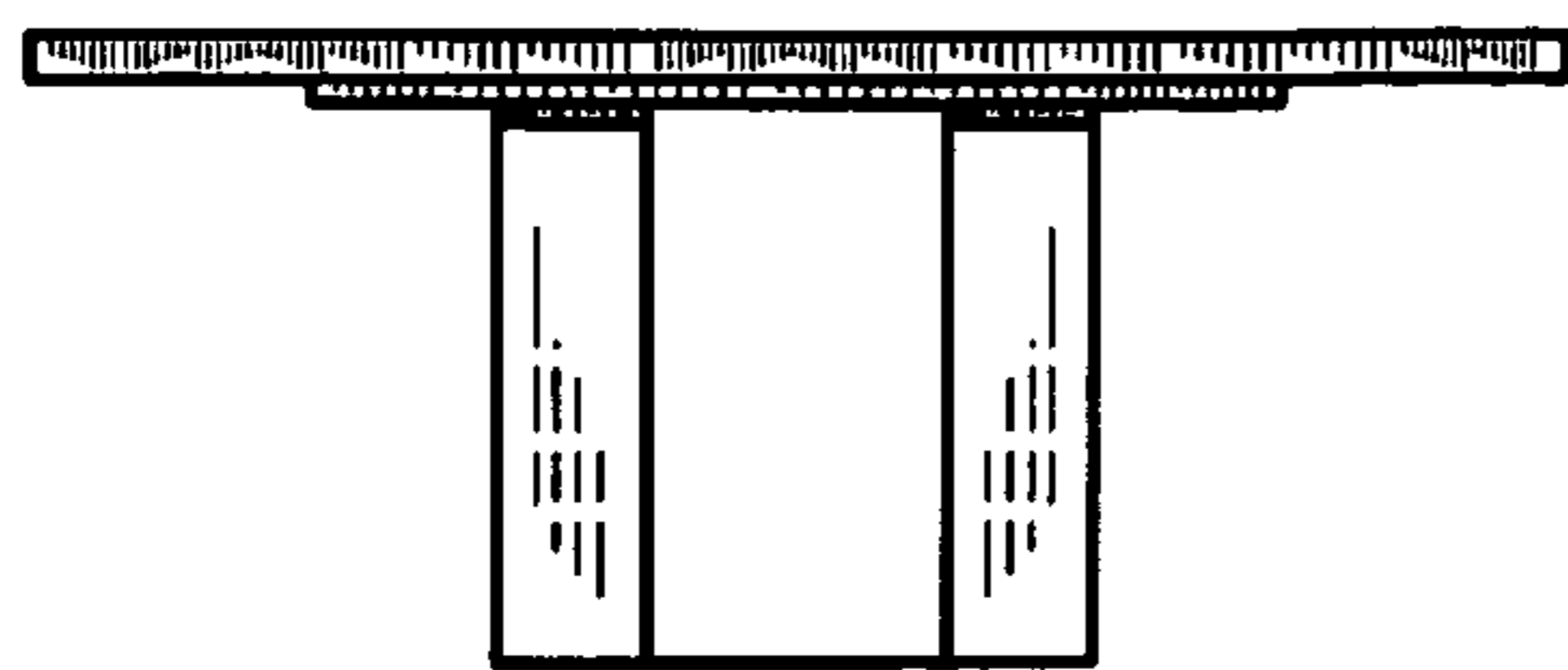


Fig. 4

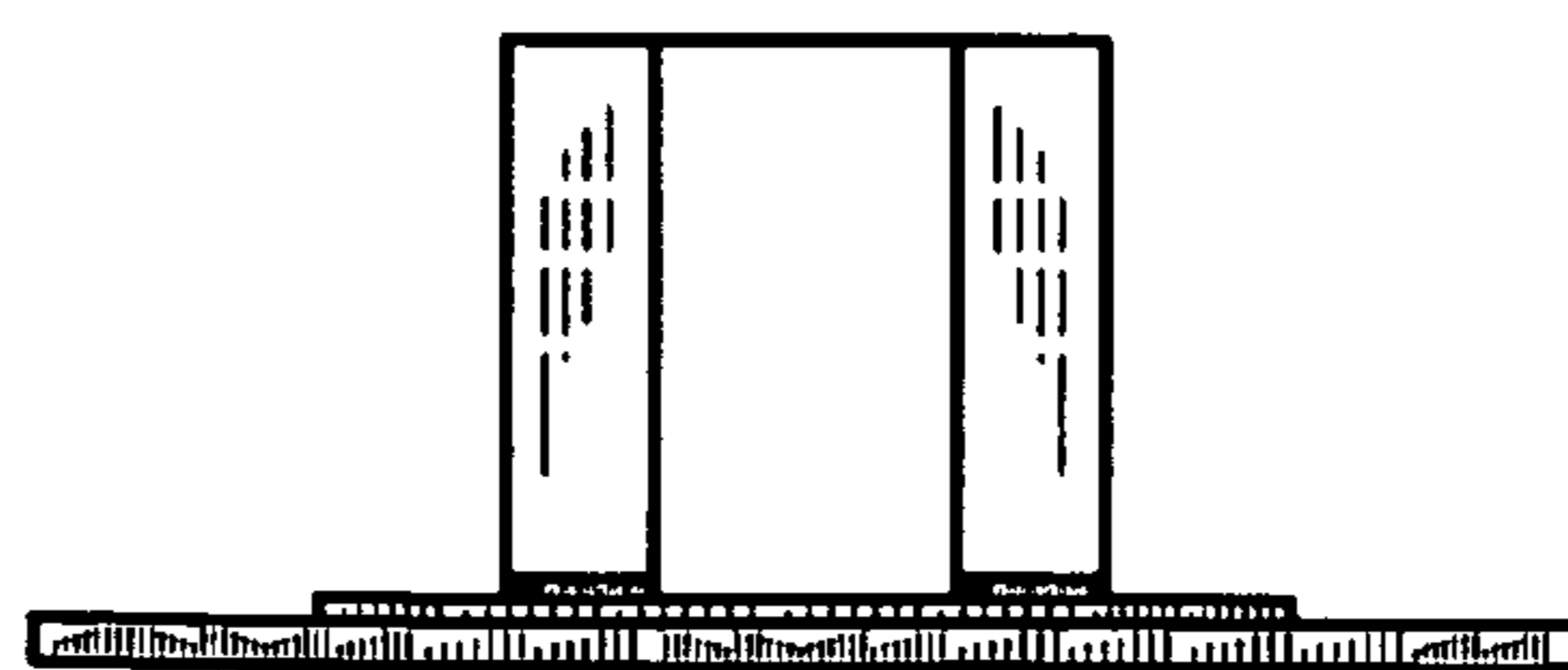


Fig. 5

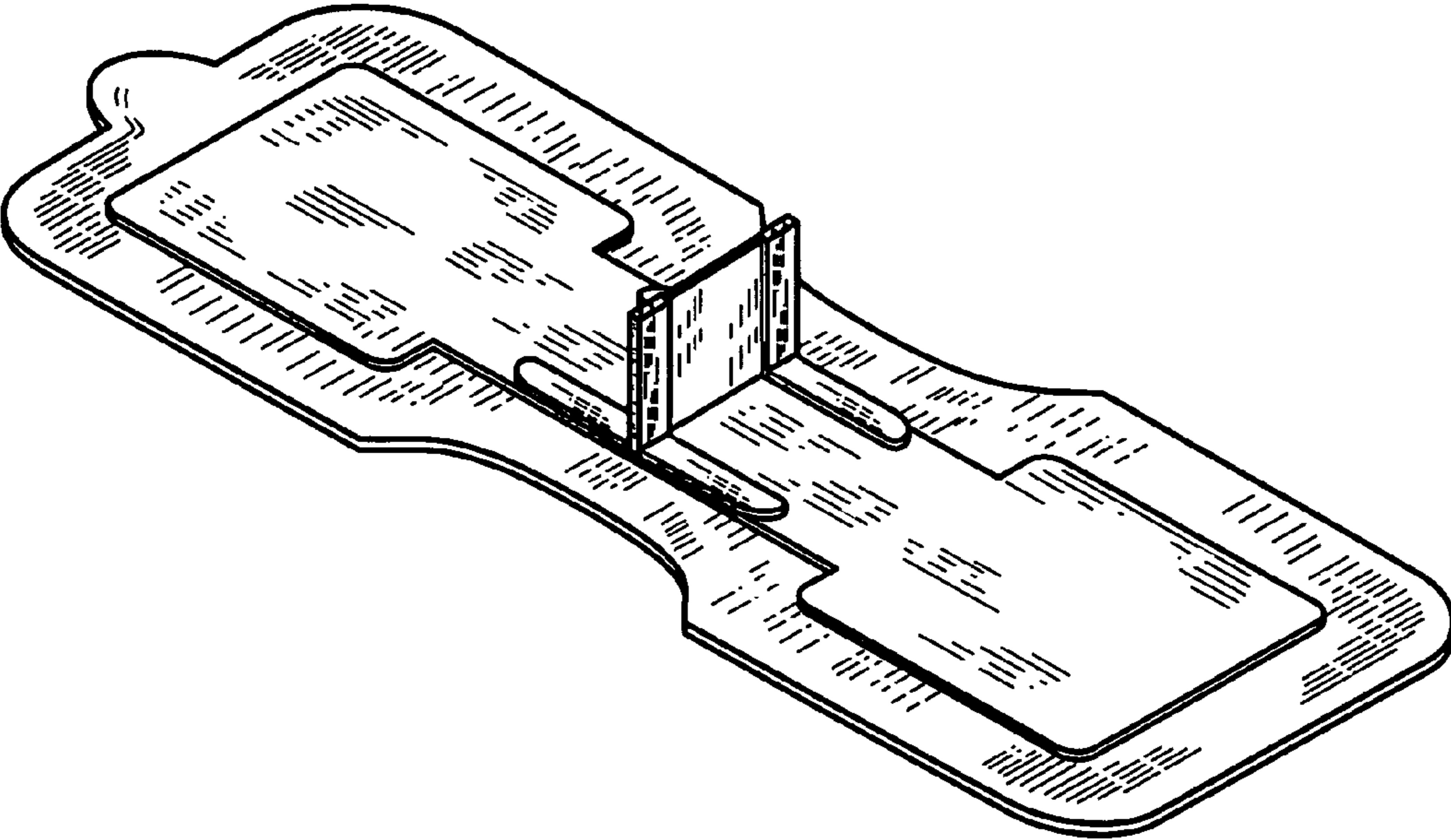


Fig. 6