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

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(54) **BRAKE FRICTION PAD**

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**Related U.S. Application Data**

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(51) **LOC (9) Cl.** ..... **12-16**

(52) **U.S. Cl.** ..... **D12/180**

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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,506,578	A *	8/1924	Grandahl	.....	72/477
1,950,262	A *	3/1934	Norton	.....	428/443
4,056,174	A *	11/1977	Wienand et al.	.....	188/73.36
D254,258	S *	2/1980	Soltis et al.	.....	D12/180
D255,232	S *	6/1980	Rinker et al.	.....	D12/180
D255,675	S *	7/1980	Weiser et al.	.....	D12/180
D260,014	S *	7/1981	Sheill	.....	D12/180
D260,015	S *	7/1981	Sheill	.....	D12/180
4,290,508	A *	9/1981	Baum	.....	188/73.38
4,428,463	A *	1/1984	Burgdorf et al.	.....	188/73.38
D277,093	S *	1/1985	Caplygin	.....	D12/180
D277,175	S *	1/1985	Caplygin	.....	D12/180
4,527,669	A *	7/1985	Meyer et al.	.....	188/73.38
4,823,920	A *	4/1989	Evans	.....	188/73.34
4,926,978	A *	5/1990	Shibata et al.	.....	188/73.1

D357,444	S *	4/1995	Steinke et al.	.....	D12/180
D359,020	S *	6/1995	Steinke et al.	.....	D12/180
D368,461	S *	4/1996	Steinke et al.	.....	D12/180
5,799,754	A *	9/1998	Kazuro et al.	.....	188/1.11 W
5,875,873	A *	3/1999	Kay et al.	.....	188/73.38
D417,642	S *	12/1999	Ashley, Sr.	.....	D12/180
6,142,263	A *	11/2000	Lotfipour	.....	188/73.37
D507,217	S *	7/2005	Goldenberg et al.	.....	D12/180
7,111,709	B2 *	9/2006	Baba	.....	188/73.37
7,222,701	B2 *	5/2007	Pham	.....	188/250 G
D576,089	S *	9/2008	Jones	.....	D12/180
D588,968	S *	3/2009	Liu et al.	.....	D12/180
D588,969	S *	3/2009	Liu et al.	.....	D12/180
D588,970	S *	3/2009	Liu et al.	.....	D12/180
D588,971	S *	3/2009	Liu et al.	.....	D12/180
D588,972	S *	3/2009	Liu et al.	.....	D12/180
D588,973	S *	3/2009	Liu et al.	.....	D12/180
D588,974	S *	3/2009	Liu et al.	.....	D12/180
D589,419	S *	3/2009	Liu et al.	.....	D12/180
D590,310	S *	4/2009	Liu et al.	.....	D12/180
2004/0154885	A1 *	8/2004	Gotti et al.	.....	188/250 B
2008/0011562	A1 *	1/2008	Hilbrandt	.....	188/250 B

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a brake friction pad, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a brake friction pad;

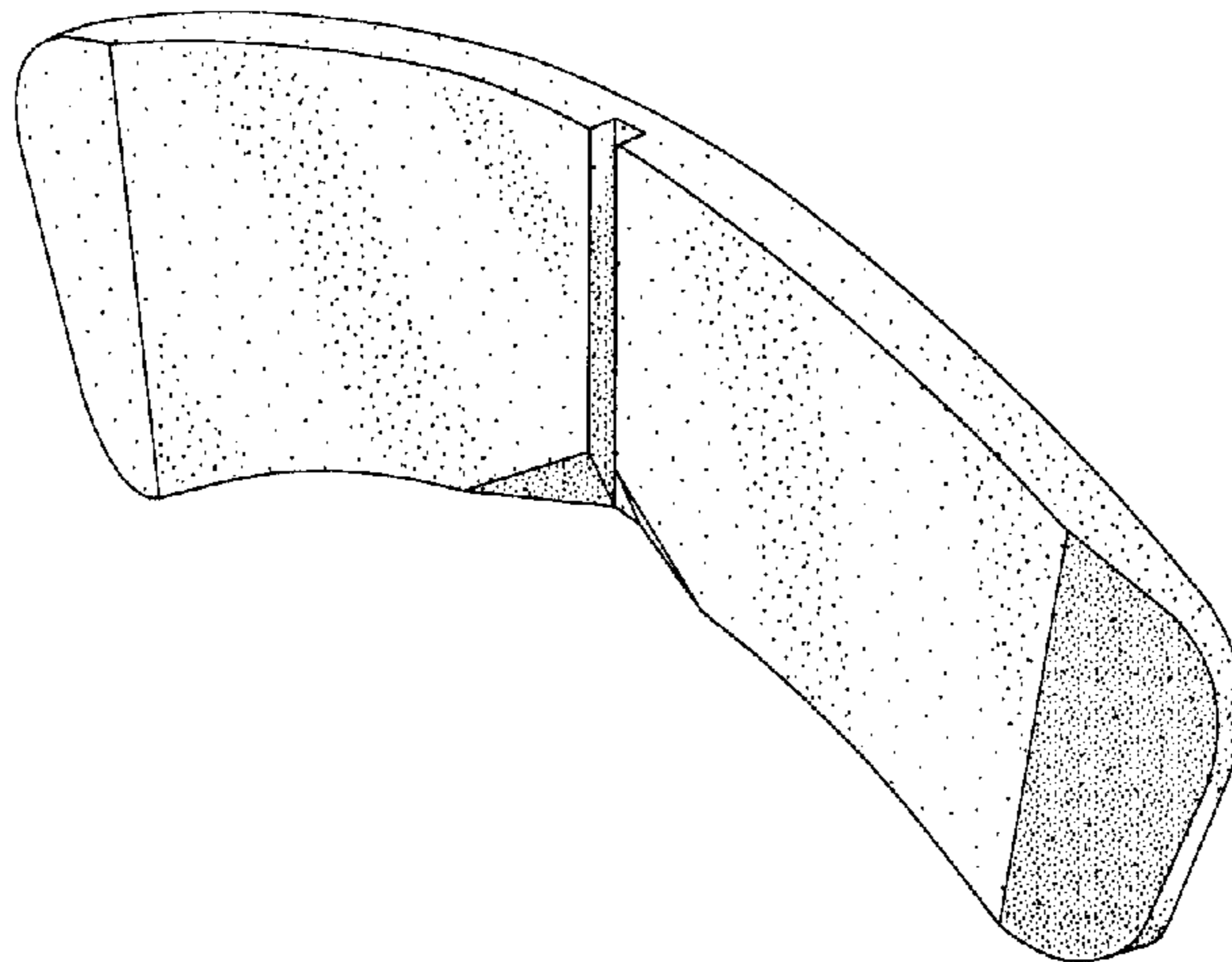
FIG. 2 is a front view thereof;

FIG. 3 is a top view thereof;

FIG. 4 is a bottom view thereof; and,

FIG. 5 is a right side elevational view thereof, the left side elevational view being a mirror image of the right side elevational view.

**1 Claim, 2 Drawing Sheets**



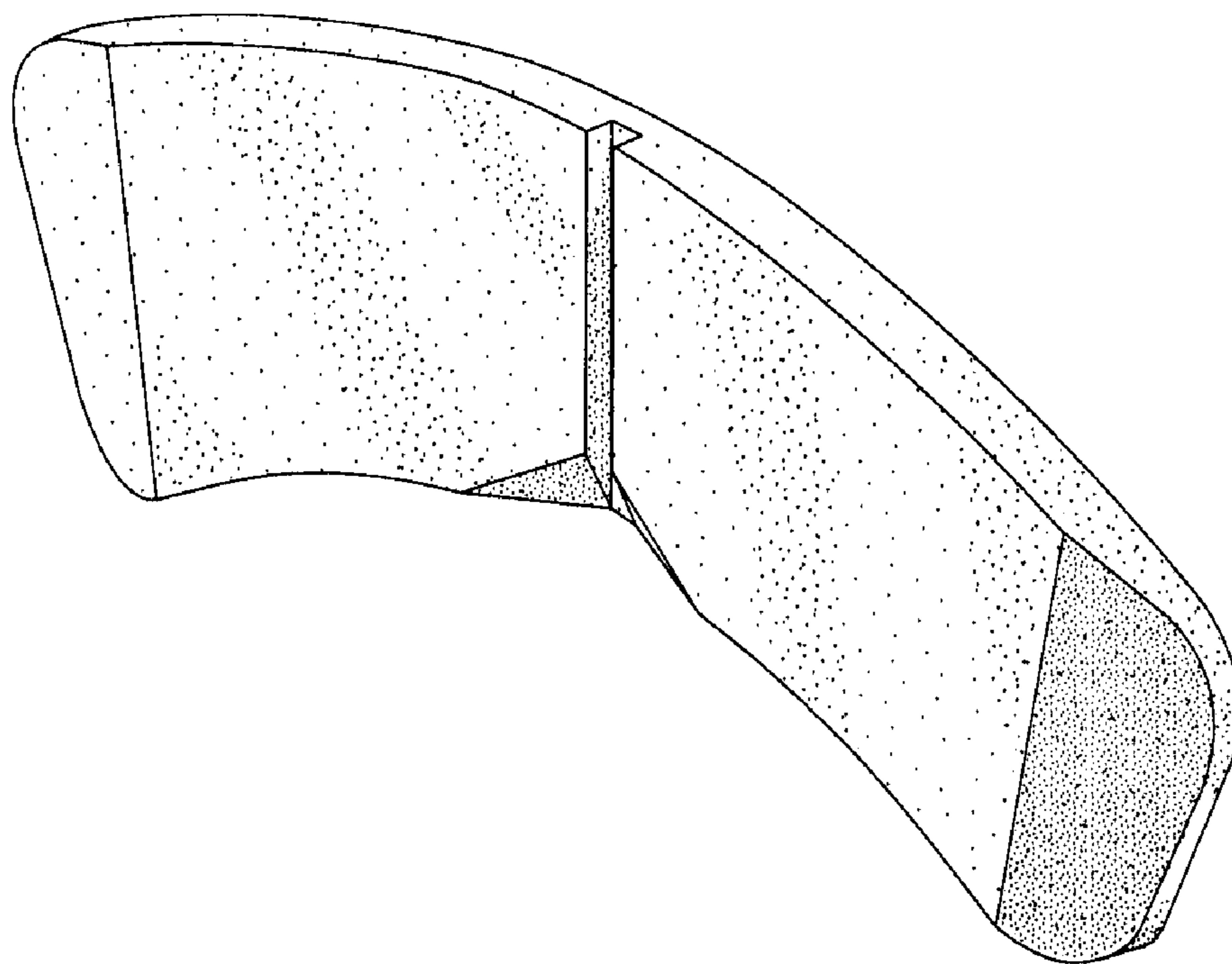


Fig. 1

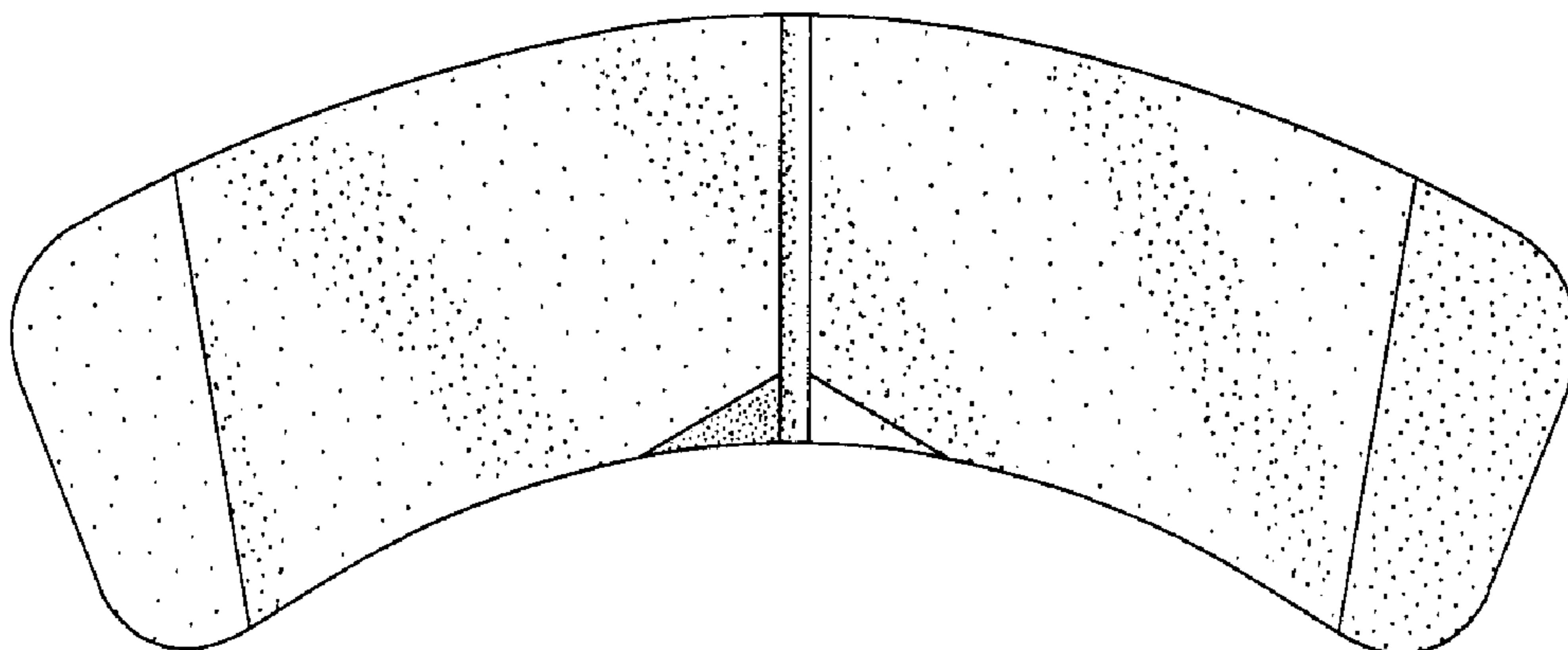


Fig. 2

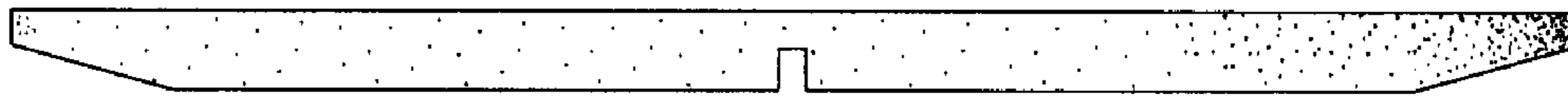


Fig. 3



Fig. 4

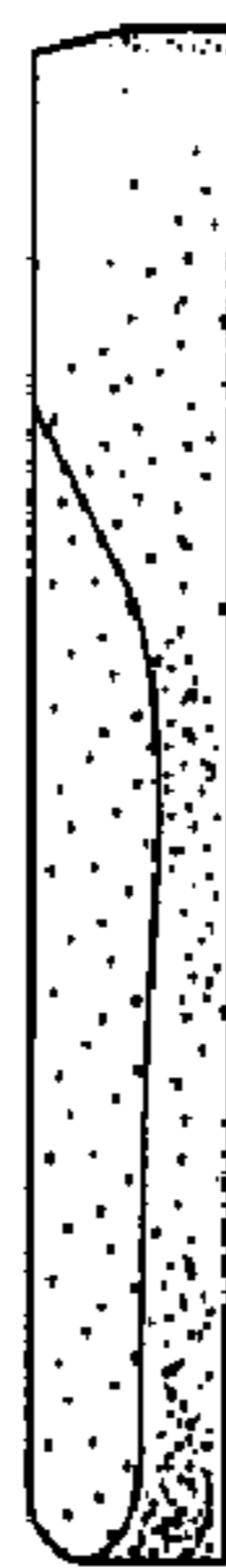


Fig. 5