



US00D604213S

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

(10) **Patent No.:** **US D604,213 S**
(45) **Date of Patent:** **** Nov. 17, 2009**

- (54) **BRAKE FRICTION PAD**
- (75) Inventors: **Weiming Liu**, Windsor (CA); **Rodney J. Silvey**, Cookeville, TN (US); **Jason Heath Mahan**, Lafayette, TN (US)
- (73) Assignee: **Federal-Mogul World Wide, Inc.**, Southfield, MI (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/336,247**
- (22) Filed: **Apr. 30, 2009**

Related U.S. Application Data

- (62) Division of application No. 29/332,361, filed on Feb. 13, 2009, which is a division of application No. 29/282,918, filed on Aug. 1, 2007, now Pat. No. Des. 588,970.
- (51) **LOC (9) Cl.** **12-16**
- (52) **U.S. Cl.** **D12/180**
- (58) **Field of Classification Search** D12/180, D12/174, 400; D15/138-140; 72/339; 188/73.31-73.39, 188/73.43, 73.45, 218 XL, 73.1, 250 B, 250 E, 188/250 R, 251 R; 192/107 M, 107 R; 428/443; 488/1.11 W, 1.11 R
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

Primary Examiner—Robert M Spear
Assistant Examiner—Cynthia Underwood
(74) *Attorney, Agent, or Firm*—Robert L. Stearns; Dickinson Wright PLLC

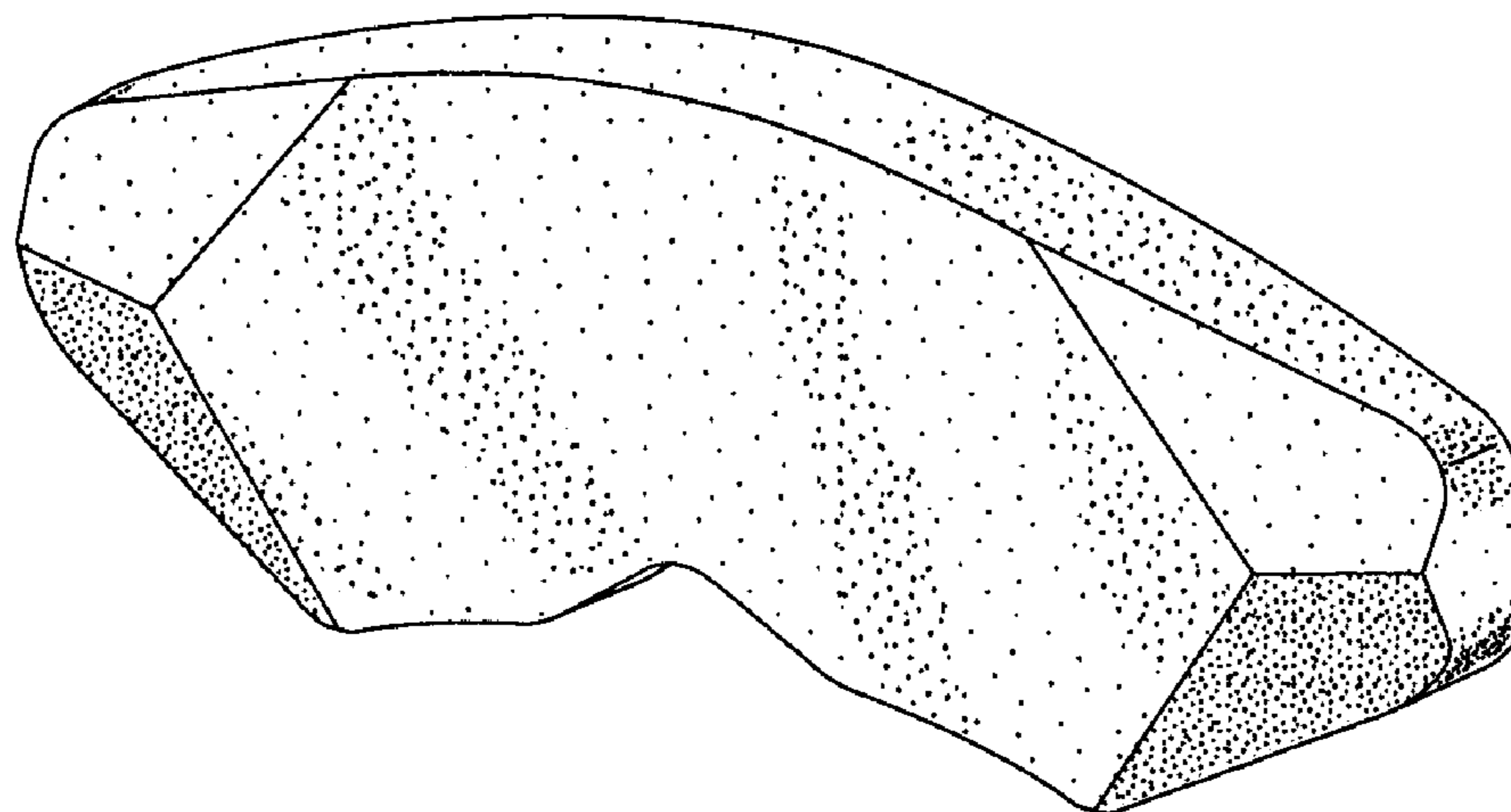
(57) **CLAIM**

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



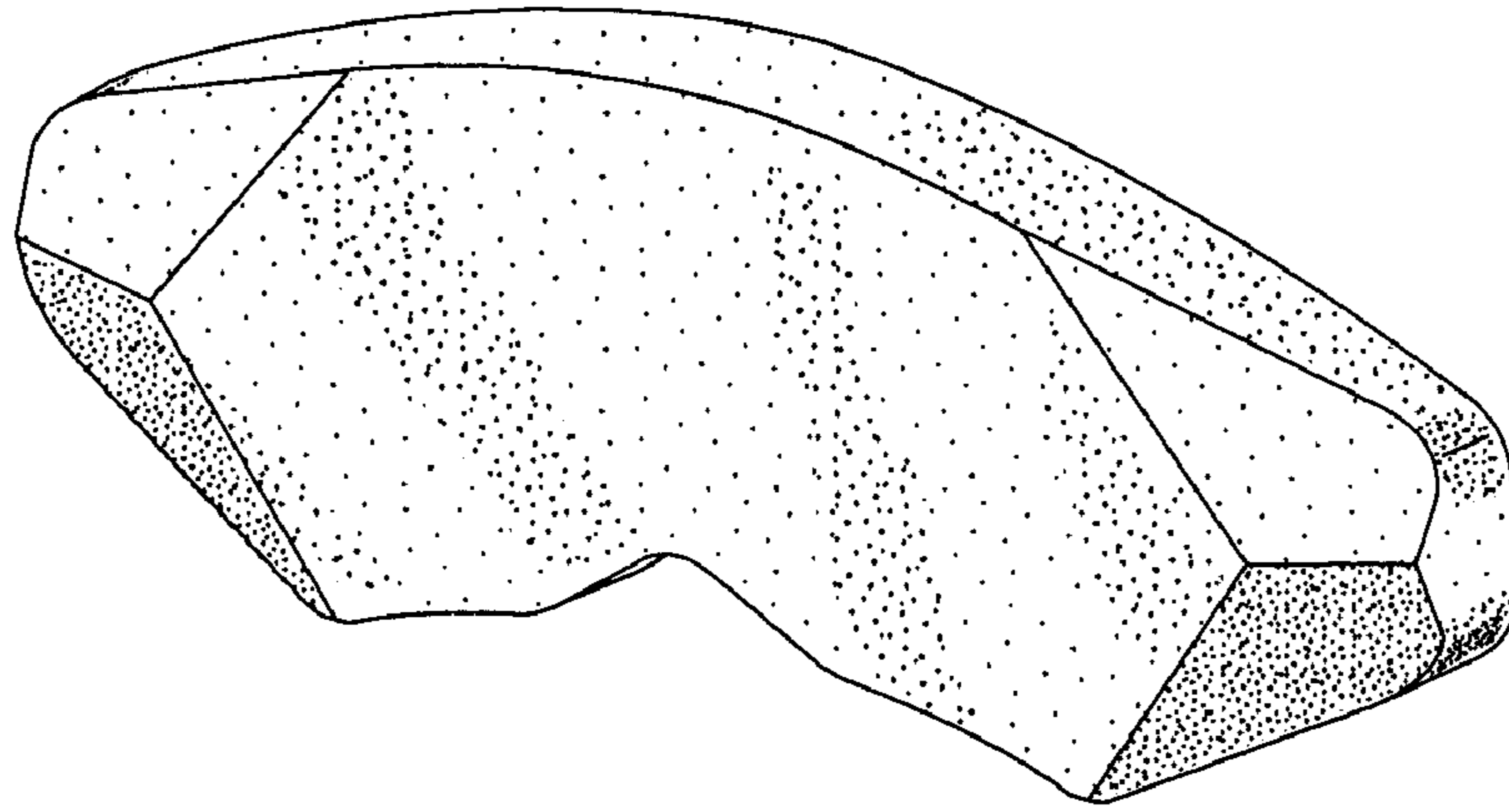


Fig. 1

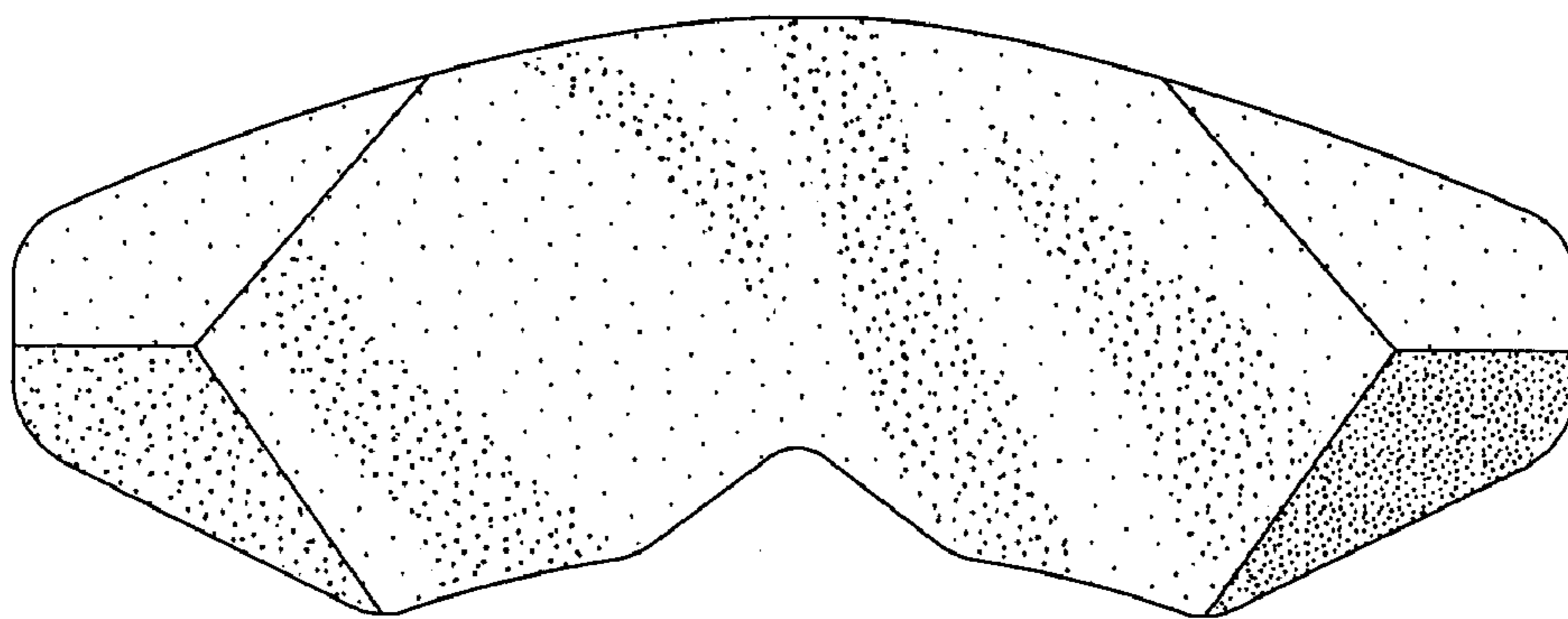


Fig. 2

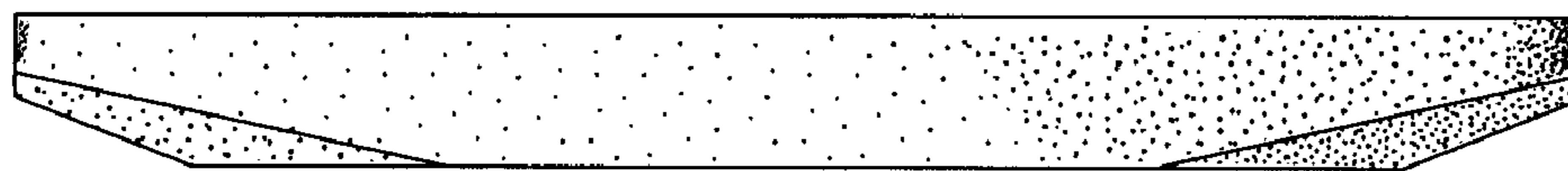


Fig. 3

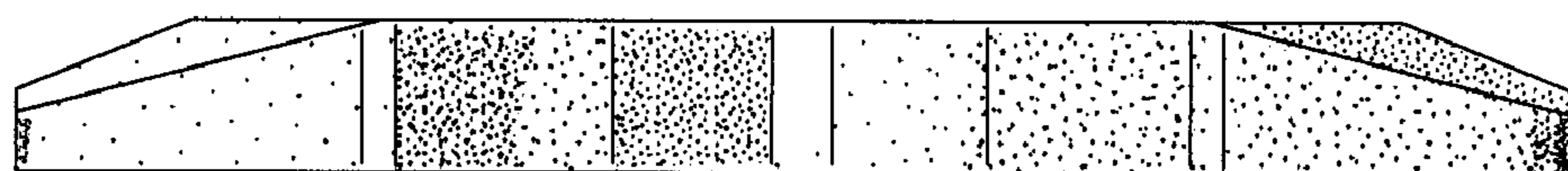


Fig. 4



Fig. 5