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(12) **United States Design Patent** (10) **Patent No.:** **US D786,751 S**  
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(54) **VEHICLE BRAKE FRICTION PAD**  
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D588,970 S \* 3/2009 Liu ..... D12/180  
D588,971 S \* 3/2009 Liu ..... D12/180  
D588,972 S \* 3/2009 Liu ..... D12/180  
D588,973 S \* 3/2009 Liu ..... D12/180  
D588,974 S \* 3/2009 Liu ..... D12/180  
D589,419 S \* 3/2009 Liu ..... D12/180  
D590,310 S \* 4/2009 Liu ..... D12/180  
D596,092 S \* 7/2009 Liu ..... D12/180  
D596,093 S \* 7/2009 Liu ..... D12/180  
D596,544 S \* 7/2009 Liu ..... D12/180  
D597,900 S \* 8/2009 Liu ..... D12/180

(Continued)

(\*\*) Term: **15 Years**

**OTHER PUBLICATIONS**

(21) Appl. No.: **29/538,120**

QuietCast Copper Free Ceramic Brake Pads, image post date 2015, site visited Jan. 9, 2017, (online), <<https://www.boschautoparts.com/en/auto/brakes/quietcast-ceramic-brake-pads>>.\*

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(Continued)

(51) **LOC (10) Cl.** ..... **12-16**

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

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(58) **Field of Classification Search**  
USPC ..... D12/14, 106, 114, 118, 122, 161, 162, D12/179, 180, 207, 217, 400  
CPC ..... B60T 7/00; B60T 8/265; B60T 83/255; B60T 11/00; B60T 11/103; B60T 13/00; B60T 13/66; B60T 17/223; B60T 2201/00; B60T 2201/03; B60T 2260/00; B60T 2270/00; B60T 2270/82; B60T 2270/83; B60T 2270/84; B60T 1/06; B62L 1/02; B62L 3/02; B62K 23/06; B62D 13/025; B62D 21/18; B62D 53/045; B62D 63/04; B62D 65/02; B62D 65/18; F16D 55/00; F16D 55/226; F16D 65/00; F16D 65/092; F16D 65/095; F16D 65/097; F16D 65/18; F16D 65/38; F16D 65/847; B32B 3/06  
See application file for complete search history.

(57) **CLAIM**

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

**DESCRIPTION**

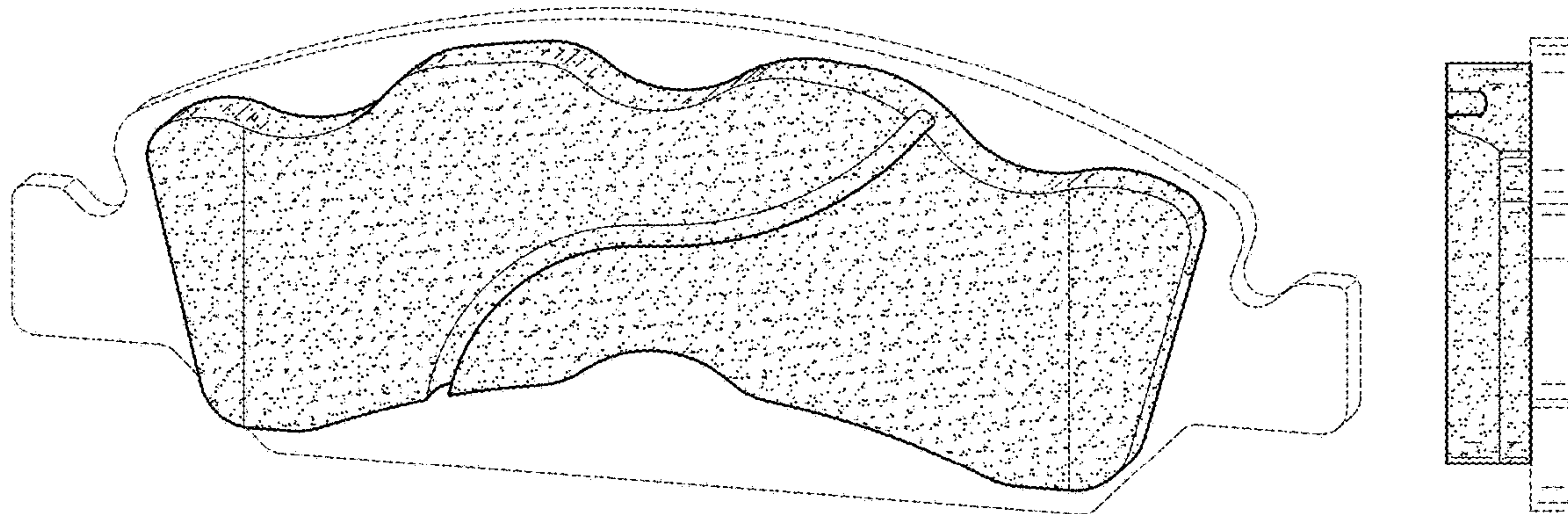
FIG. 1 is a perspective view of the vehicle brake friction pad; FIG. 2 is a front view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a right side elevation view thereof; and, FIG. 6 is a left side elevation view thereof. The broken lines shown in the drawings depict an illustrative brake pad backing plate that forms no part of the claimed design. And the markings depicted on the surfaces of the vehicle brake friction pad denote a friction material.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D588,968 S \* 3/2009 Liu ..... D12/180  
D588,969 S \* 3/2009 Liu ..... D12/180

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D597,901 S *	8/2009	Liu	.....	D12/180					
D597,902 S *	8/2009	Liu	.....	D12/180					
D597,903 S *	8/2009	Liu	.....	D12/180					
D597,904 S *	8/2009	Liu	.....	D12/180					
D597,905 S *	8/2009	Liu	.....	D12/180					
D597,906 S *	8/2009	Liu	.....	D12/180					
D597,907 S *	8/2009	Liu	.....	D12/180					
D598,342 S *	8/2009	Liu	.....	D12/180					
D598,343 S *	8/2009	Liu	.....	D12/180					
D598,344 S *	8/2009	Liu	.....	D12/180					
D599,723 S *	9/2009	Liu	.....	D12/180					
D602,824 S *	10/2009	Liu	.....	D12/180					
D602,825 S *	10/2009	Liu	.....	D12/180					
D602,826 S *	10/2009	Liu	.....	D12/180					
D602,827 S *	10/2009	Liu	.....	D12/180					
D603,768 S *	11/2009	Liu	.....	D12/180					
D603,769 S *	11/2009	Liu	.....	D12/180					
D603,770 S *	11/2009	Liu	.....	D12/180					
D603,771 S *	11/2009	Liu	.....	D12/180					
D604,213 S *	11/2009	Liu	.....	D12/180					
D604,214 S *	11/2009	Liu	.....	D12/180					
D604,215 S *	11/2009	Liu	.....	D12/180					
D608,704 S *	1/2010	Liu	.....	D12/180					
D608,705 S *	1/2010	Liu	.....	D12/180					
D608,707 S *	1/2010	Liu	.....	D12/180					
D608,708 S *	1/2010	Liu	.....	D12/180					
D610,508 S *	2/2010	Liu	.....	D12/180					
D610,509 S *	2/2010	Liu	.....	D12/180					
D610,510 S *	2/2010	Liu	.....	D12/180					
D612,780 S *	3/2010	Liu	.....	D12/180					
D614,551 S *	4/2010	Liu	.....	D12/180					
D614,552 S *	4/2010	Liu	.....	D12/180					
D614,553 S *	4/2010	Liu	.....	D12/180					
D615,010 S *	5/2010	Liu	.....	D12/180					
D618,601 S *	6/2010	Liu	.....	D12/180					
D626,043 S *	10/2010	Liu	.....	D12/180					
D630,984 S *	1/2011	Arbesman	.....	D12/180					
D660,206 S *	5/2012	Liu	.....	D12/180					
D669,828 S *	10/2012	Liu	.....	D12/180					
D680,480 S *	4/2013	Magaard	.....	D12/180					
D684,906 S *	6/2013	Magaard	.....	D12/180					
D691,075 S *	10/2013	Magaard	.....	D12/180					
D764,987 S *	8/2016	Radhakrishnan	.....	D12/180					
2003/0178266 A1 *	9/2003	Hulten	.....	F16D 65/0006					
				188/250 R					
2004/0154885 A1 *	8/2004	Gotti	.....	F16D 65/092					
				188/250 B					
2005/0023091 A1 *	2/2005	Ol	.....	F16D 69/04					
				188/250 R					
2005/0082124 A1 *	4/2005	Kulis	.....	F16D 65/0006					
				188/73.36					
2007/0039789 A1 *	2/2007	Sano	.....	F16D 65/092					
				188/250 B					
2008/0011562 A1 *	1/2008	Hilbrandt	.....	F16D 65/092					
				188/250 B					
2008/0190712 A1 *	8/2008	Hagberg	.....	F16D 65/092					
				188/1.11 L					
2008/0251326 A1 *	10/2008	Lundskog	.....	F16D 65/092					
				188/1.11 W					
2008/0264738 A1 *	10/2008	Reeves	.....	F16D 55/228					
				188/72.5					
2009/0031550 A1 *	2/2009	Liu	.....	F16D 65/092					
				29/527.1					
2009/0032343 A1 *	2/2009	Liu	.....	F16D 65/0006					
				188/250 B					
2009/0159640 A1 *	6/2009	Liu	.....	B23K 1/0016					
				228/37					
2013/0134001 A1 *	5/2013	Liu	.....	F16D 65/08					
				188/325					
2016/0003317 A1 *	1/2016	Buxton	.....	F16D 69/00					
				188/250 B					

OTHER PUBLICATIONS

Toyota LandCruiser, Prado, FJ Cruiser Rear Disc Pads, image post date Oct. 9, 2014, site visited Jan. 9, 2017, (online), <<https://www.tineye.com/search/11faac0cfe124d1070005e2d2ce352afe3be4c8b/?pluginver=>>>.\*

\* cited by examiner



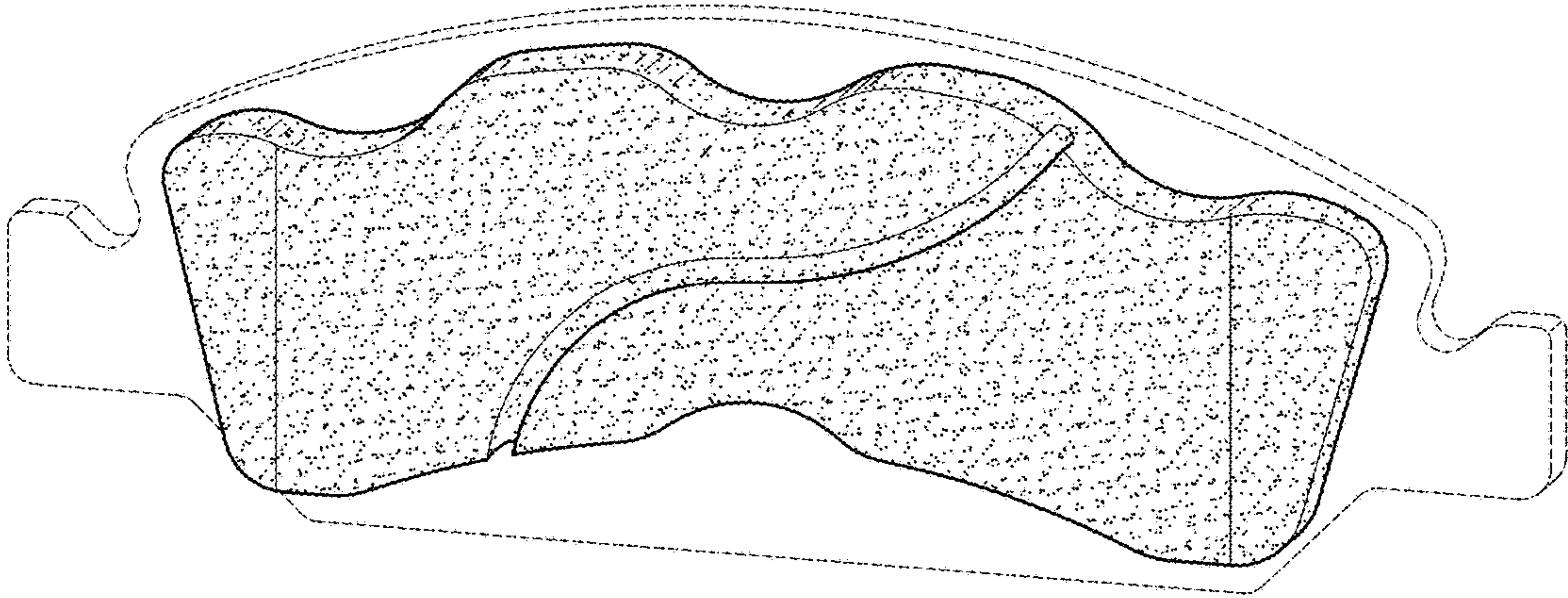


FIG. 1

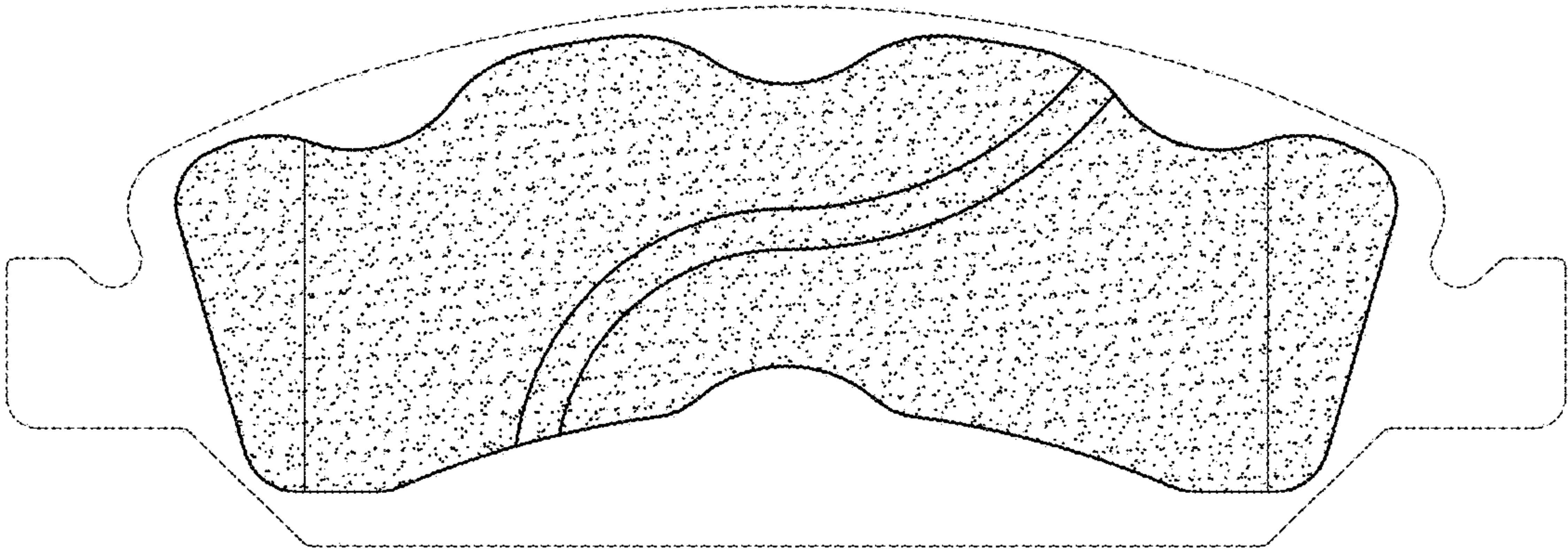


FIG. 2

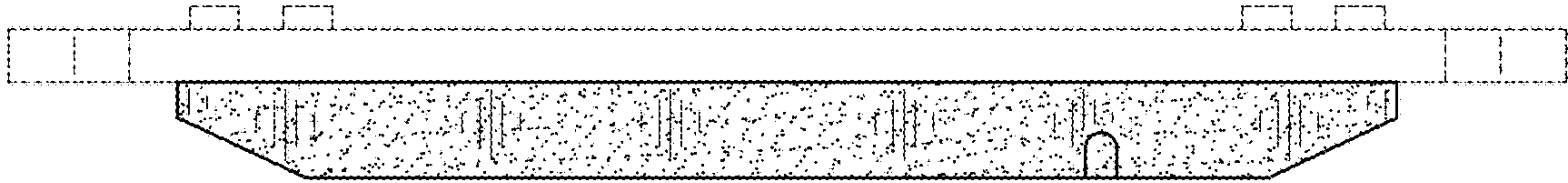


FIG. 3

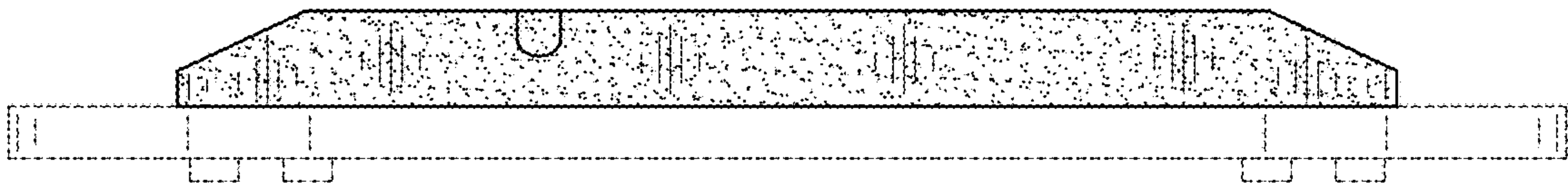


FIG. 4

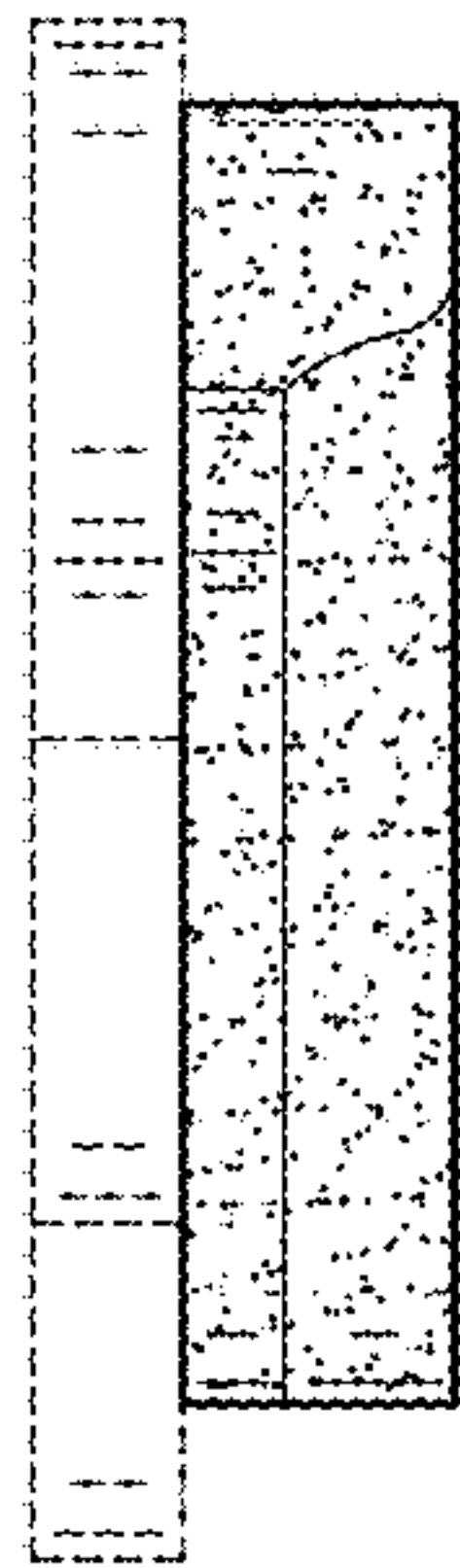


FIG. 5

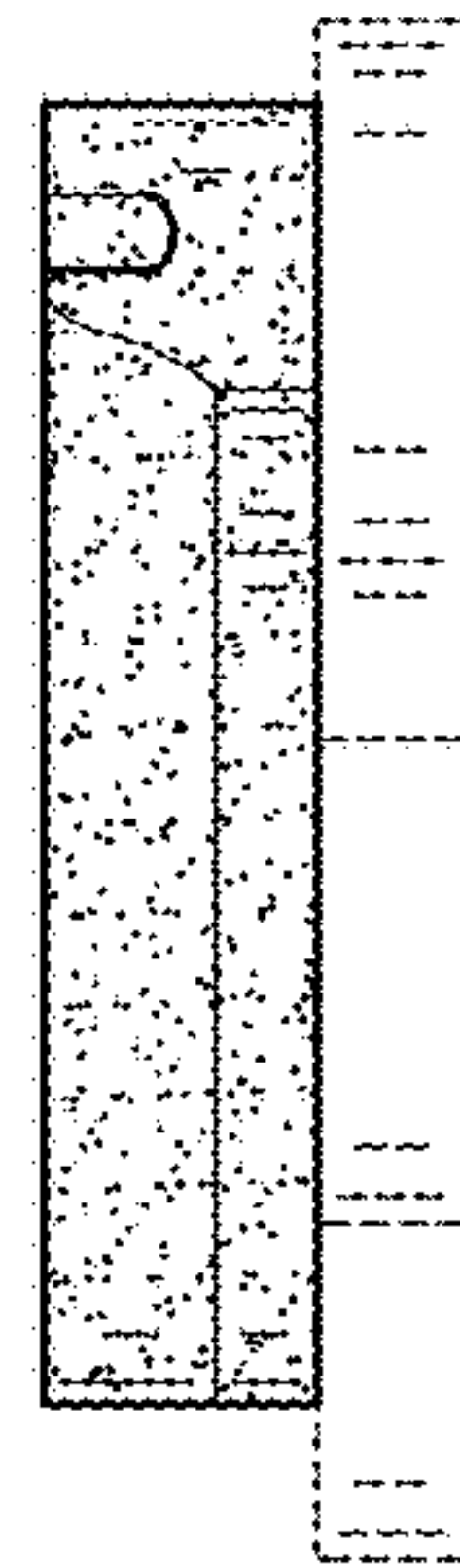


FIG. 6