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(12) **United States Design Patent** (10) **Patent No.:** **US D519,916 S**  
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(54) **SHOULDER TREAD FOR A TIRE**

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(\*\*) Term: **14 Years**

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(51) **LOC (8) Cl.** ..... **12-15**

(52) **U.S. Cl.** ..... **D12/605**

(58) **Field of Classification Search** ..... D12/541, D12/544, 547, 549, 550, 552, 553, 554, 555, D12/556, 558, 559, 560, 561, 563, 564, 565, D12/566, 567, 576, 579, 586, 588, 589, 590, D12/591, 602, 603, 604, 605; 152/209.01, 152/209.08, 209.09, 209.18, 209.25, 209.28

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,057,089 A	11/1977	Johannsen	.....	152/209
4,667,717 A	5/1987	Graas	.....	152/209
4,726,407 A	2/1988	Hayakawa et al.	.....	152/209
5,152,854 A	10/1992	Matsumoto	.....	152/209
5,291,929 A *	3/1994	Daisho et al.	.....	152/209.28
5,375,639 A *	12/1994	Suzuki et al.	.....	152/209.18
D354,261 S	1/1995	Graas	.....	D12/136

(Continued)

**OTHER PUBLICATIONS**

Bridgestone Dueler A/T Tire, 2003 Tread Design Guide, Jan. 2003, p. 14. 2/4.\*  
Cordovan Power King High Traction Radial Tire, 2003 Tread Design Guide, Jan. 2003, p. 20. 2/2.\*  
Duralon Road Runner A/S Tire, 2003 Tread Design Guide, Jan. 2003, p. 23. 4/1.\*  
Federal Super Steel 535 Tire, 2003 Tread Design Guide, Jan. 2003, p. 25. 4/3.\*  
GT Radial Champiro HPZ55 Tire, 2003 Tread Design Guide, Jan. 2003, p. 31. 4/2.\*  
Laramie Pacemark Super GT Tire, 2003 Tread Design Guide, Jan. 2003, p. 37. 3/5.\*  
Catalog page, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, Ohio 44316-001. Published at least as early as May 22, 2003.  
Page 17, *Tread Design Guide*, 2002, Bridgestone Potenza S02 tire (4/1).  
Page 39, Advertisement in Mar., 2001, *Tire Review* magazine, Toyo Tire (USA) Corp., 6415 Katella Avenue, Cypress, California 90630.

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(57) **CLAIM**

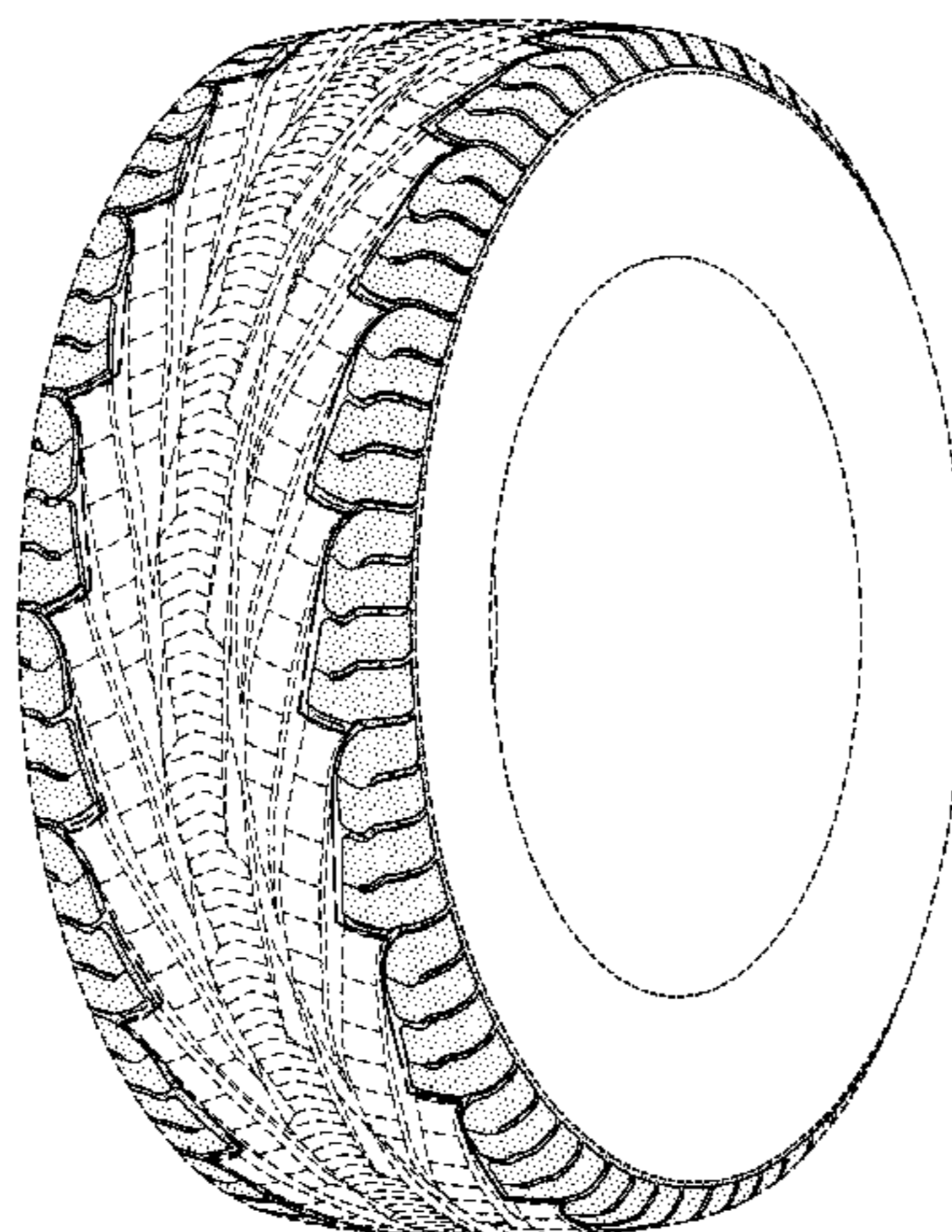
The ornamental design for a shoulder tread for a tire, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a shoulder tread for a tire showing our new design, it being understood that the pattern repeats uniformly throughout the circumference of the tread; FIG. 2 is a front elevational view thereof; FIG. 3 is a right side elevational view thereof; the opposite side being a mirror image thereof; and, FIG. 4 is an enlarged fragmentary front elevational view thereof.

In the drawings, the broken lines defining the central tire tread surface, sidewall, inner bead and the peripheral boundary between the tire tread and the central tire tread surface, sidewall are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

D358,793 S	5/1995	Himuro et al.	.....	D12/151	D454,833 S	3/2002	Buresh et al.	.....	D12/567
D359,716 S *	6/1995	Lagnier	.....	D12/605	D455,393 S	4/2002	Ratliff, Jr.	.....	D12/546
5,421,391 A	6/1995	Himuro	.....	152/209	D462,313 S	9/2002	Maxwell	.....	D12/546
D366,020 S	1/1996	Himuro et al.	.....	D12/149	D469,055 S	1/2003	Johanning et al.	.....	D12/563
D370,880 S	6/1996	Graas	.....	D12/151	6,505,661 B1 *	1/2003	Nakagawa et al.	....	152/209.15
5,609,699 A	3/1997	Himuro	.....	152/209	D470,100 S	2/2003	Johanning et al.	.....	D12/563
5,707,461 A	1/1998	Himuro	.....	152/209	6,520,230 B1	2/2003	Ratliff, Jr.	.....	152/209
5,725,700 A	3/1998	Iciki	.....	152/209	D471,152 S	3/2003	Graas et al.	.....	D12/563
5,885,384 A	3/1999	Himuro	.....	152/209	D475,009 S	5/2003	Ochi	.....	D12/600
5,967,210 A	10/1999	Himuro	.....	152/209	6,601,624 B1	8/2003	Ratliff, Jr.	.....	152/209
D416,836 S	11/1999	Himuro	.....	D12/147	6,659,146 B1 *	12/2003	Dorrie et al.	.....	152/209.15
6,109,317 A *	8/2000	Iwamura et al.	.....	152/209.18	D491,883 S *	6/2004	Landers et al.	.....	D12/553
6,123,129 A	9/2000	Himuro	.....	152/209	D501,180 S *	1/2005	Landers et al.	.....	D12/563
D432,057 S	10/2000	Himuro	.....	D12/146	D504,105 S *	4/2005	Landers et al.	.....	D12/553
6,148,886 A *	11/2000	Takasugi et al.	.....	152/209.2	2001/0017177 A1	8/2001	Himuro	.....	152/209
6,213,180 B1	4/2001	Himuro	.....	152/209	2002/0062892 A1	5/2002	Himuro	.....	152/209
D445,730 S	7/2001	Himuro	.....	D12/147	2004/0256039 A1 *	12/2004	Ratliff et al.	.....	152/209.18
6,302,174 B1 *	10/2001	Suzuki	.....	152/209.15	2004/0256041 A1 *	12/2004	Ratliff, Jr.	.....	152/209.18
D450,033 S	11/2001	Graas et al.	.....	D12/563					

\* cited by examiner



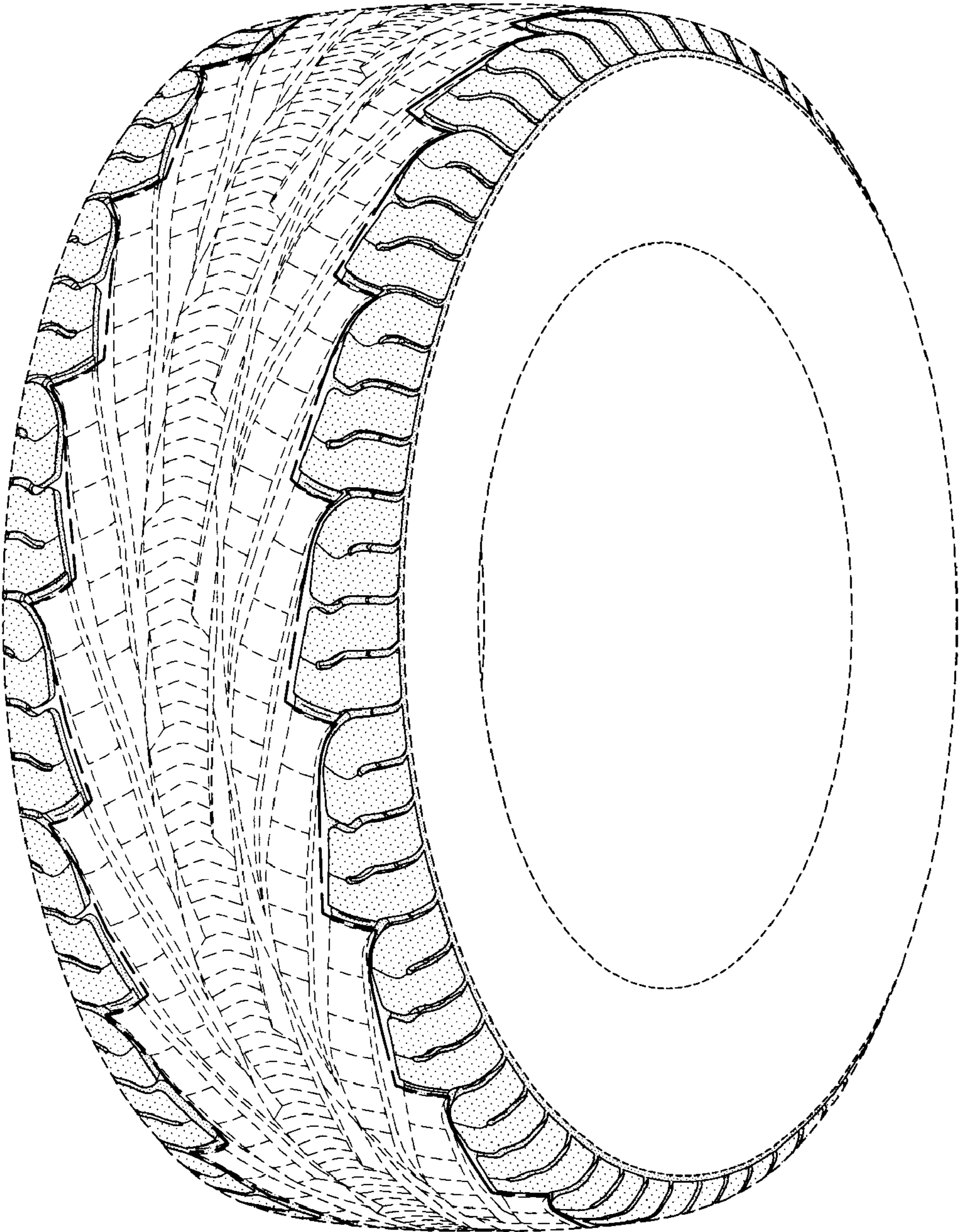


FIG-1

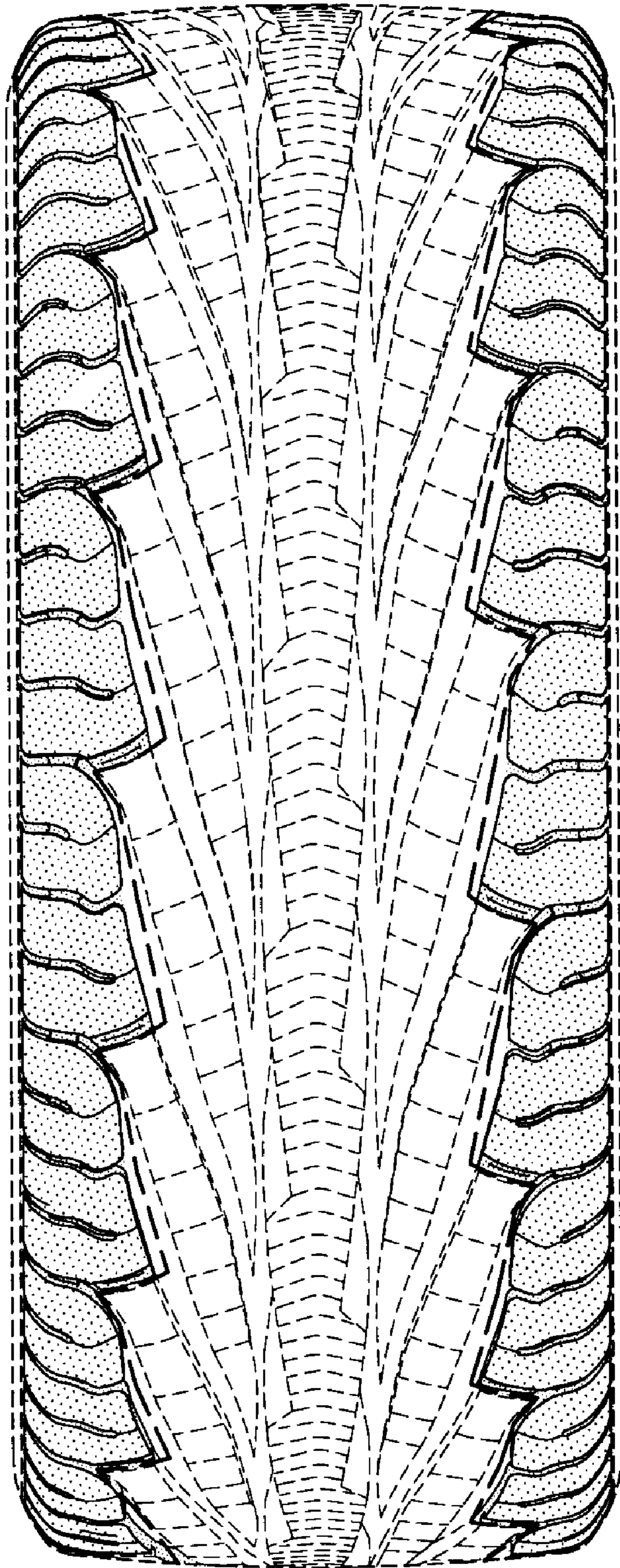


FIG-2

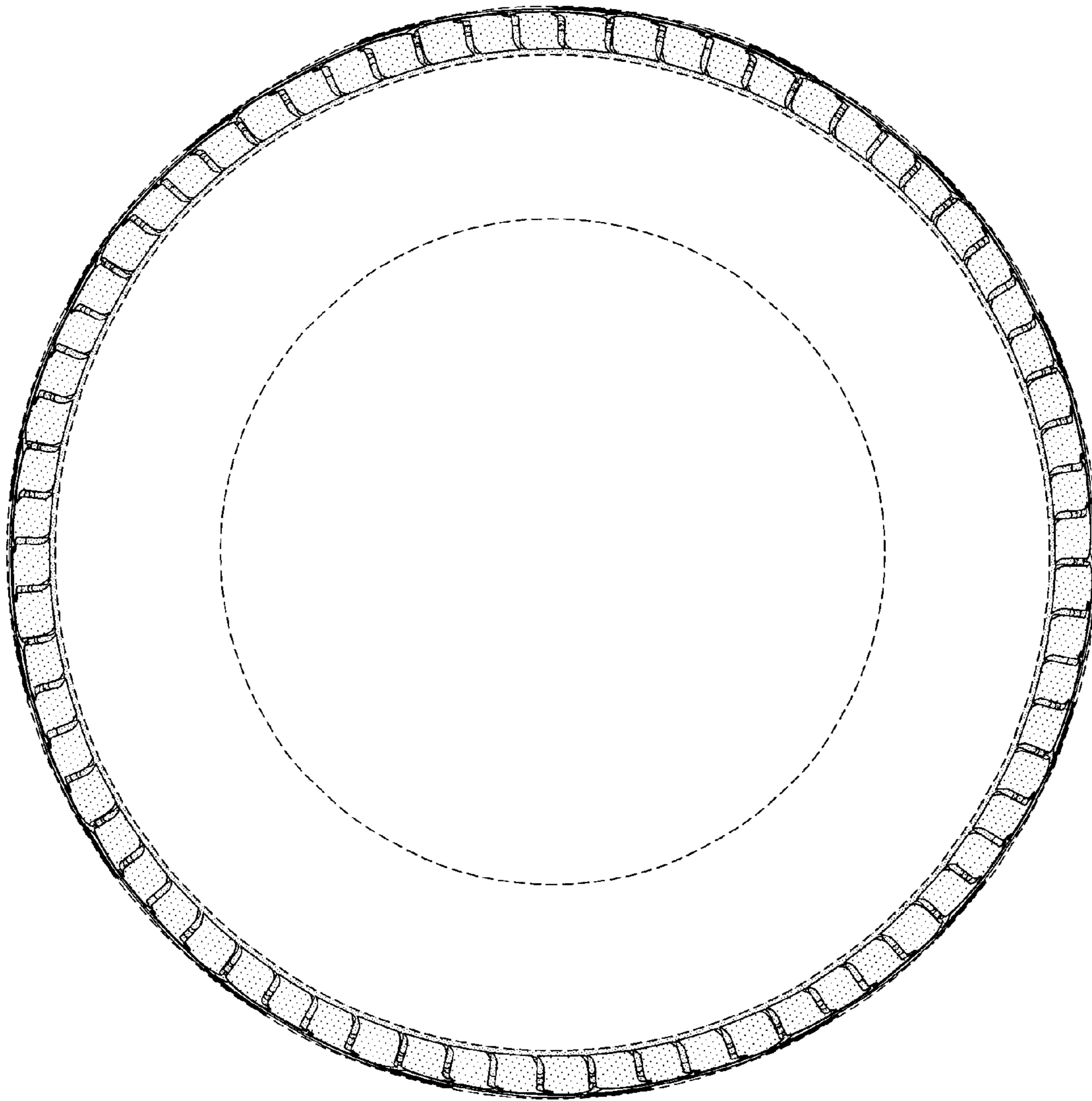


FIG-3



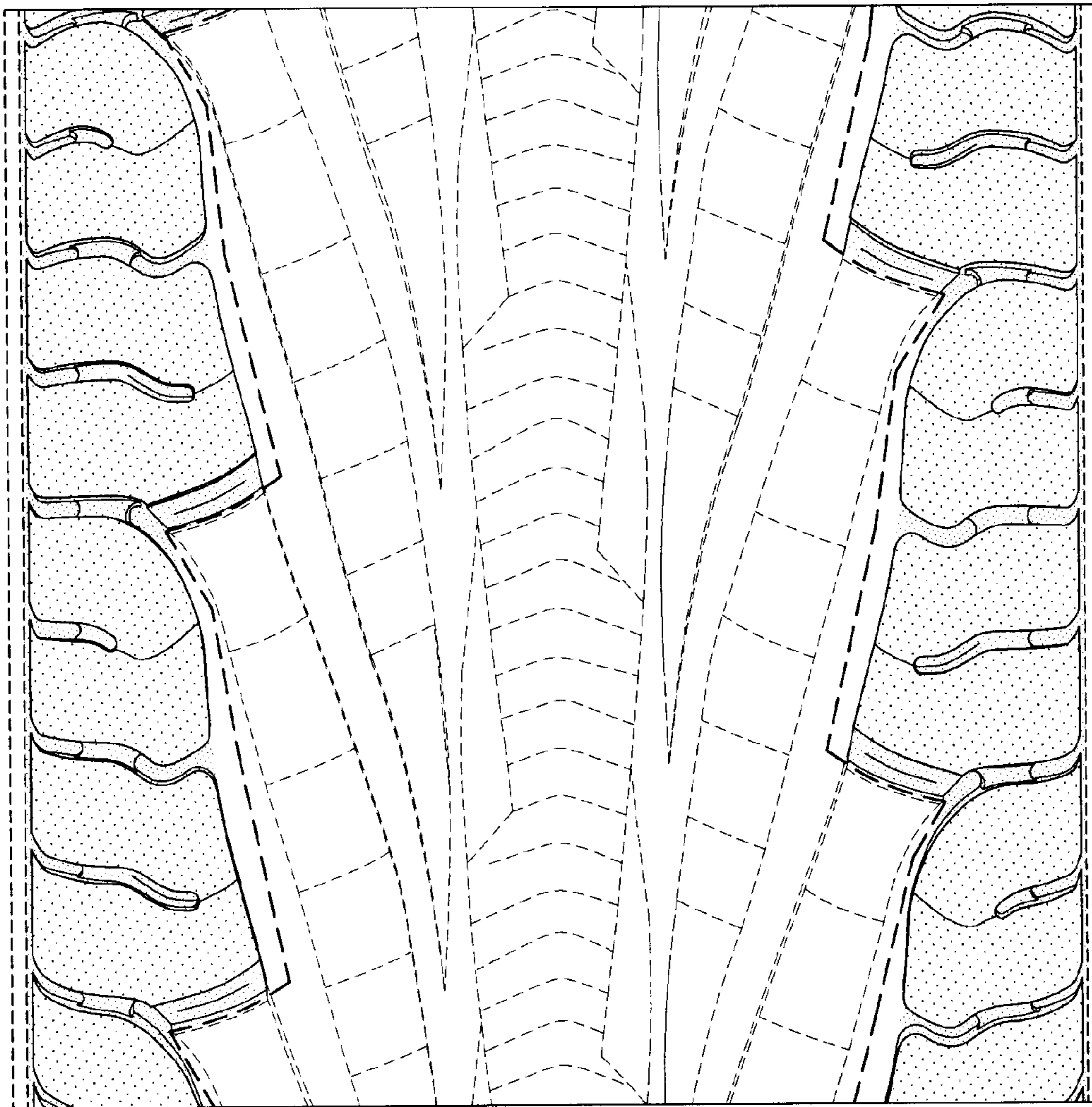


FIG-4