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(12) **United States Design Patent** (10) **Patent No.:** **US D879,016 S**  
**Liu** (45) **Date of Patent:** **\*\* Mar. 24, 2020**

(54) **TIRE TREAD**

FOREIGN PATENT DOCUMENTS

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CN 300695918 10/2007  
CN 301653723 S 8/2011

(Continued)

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

(57) **CLAIM**

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

(21) Appl. No.: **29/688,284**

**DESCRIPTION**

(22) Filed: **Apr. 19, 2019**

(30) **Foreign Application Priority Data**

Oct. 23, 2018 (CN) ..... 2018 3 0592024

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

(52) **U.S. Cl.**  
USPC ..... **D12/521**

(58) **Field of Classification Search**

USPC ..... D12/519, 521, 522, 523, 531, 532  
CPC ..... B60C 3/06; B60C 9/17; B60C 11/0304  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D316,239 S	4/1991	Tsuda et al.	
D414,447 S	9/1999	Weber et al.	
D444,744 S	7/2001	Heinen	
D446,174 S	8/2001	Lassan et al.	
D453,730 S *	2/2002	Weber	D12/532
D469,396 S	1/2003	Hutson et al.	
D473,513 S	4/2003	Welbes	
D479,703 S	9/2003	Hutz et al.	
D481,352 S	10/2003	Hutz et al.	
D483,007 S	12/2003	Brayer et al.	
D492,247 S	6/2004	Schmalix et al.	
D579,855 S *	11/2008	Fontaine	D12/521

(Continued)

FIG. 1 is a perspective view of a tire tread of the present application taken generally from the front and a first side of the tire;

FIG. 2 is a front view thereof, and any top, bottom, or rear view would be the same as the front view;

FIG. 3 is a side view of the first side thereof;

FIG. 4 is an enlarged partial, perspective view taken generally from the front and the first side thereof;

FIG. 5 is an enlarged, partial front view thereof;

FIG. 6 is an enlarged, partial side view of the first side thereof;

FIG. 7 is a perspective view of a tire including the tire tread of the present application taken generally from the front and a second side of the tire;

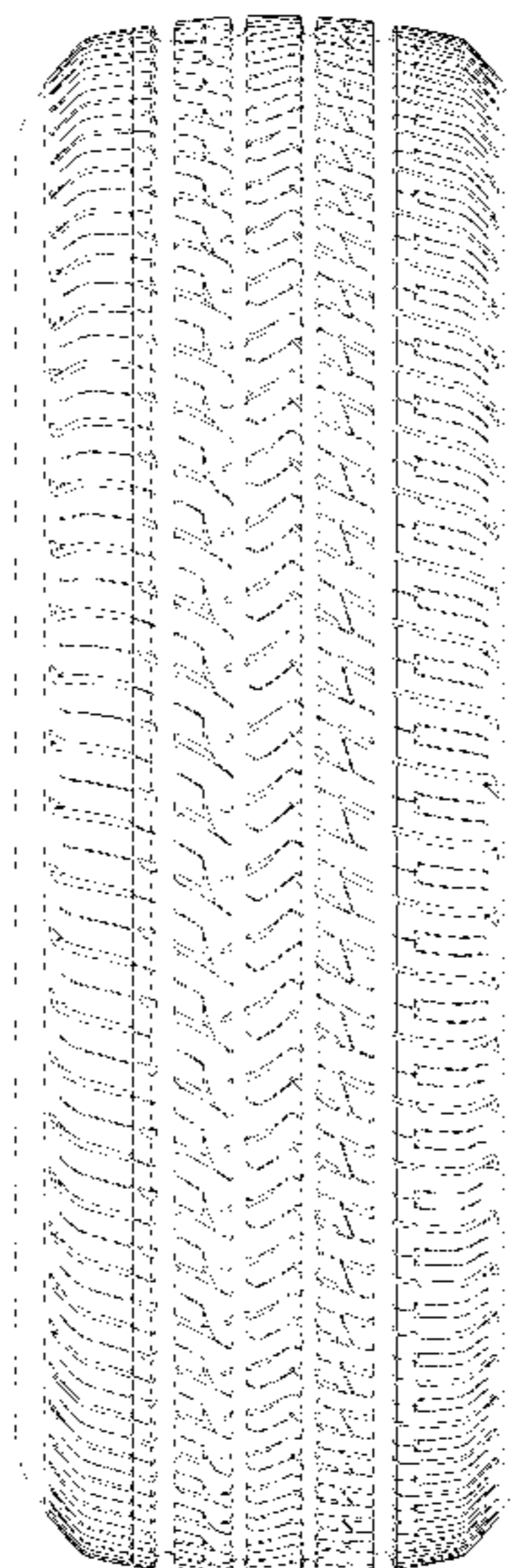
FIG. 8 is a side view of the second side thereof;

FIG. 9 is an enlarged partial, perspective view taken generally from the front and the second side thereof; and,

FIG. 10 is an enlarged, partial side view of the second side thereof.

The outermost broken line on each of the tire sidewalls depicts the boundary of the claim. The broken lines depict subject matter that forms no part of the claimed tire tread design, and are included for the purpose of illustrating the full tire. The tread pattern is understood to repeat uniformly throughout the circumference of the tire.

**1 Claim, 10 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D597,474 S 8/2009 Yamakawa et al.  
 D606,002 S 12/2009 Yamakawa et al.  
 D645,808 S 9/2011 Takemoto  
 D649,509 S 11/2011 Allison et al.  
 D684,520 S 6/2013 Fu  
 D713,325 S 9/2014 Maxwell et al.  
 D719,079 S 12/2014 Horiuchi et al.  
 D726,104 S 4/2015 Scheifele  
 D729,154 S \* 5/2015 Kwak ..... D12/588  
 D730,809 S 6/2015 Bonifas  
 D733,635 S 7/2015 Digman et al.  
 D753,051 S 4/2016 Kato  
 D755,111 S 5/2016 Yang et al.  
 D760,640 S 7/2016 Chen  
 D774,446 S 12/2016 Hayashi  
 D777,083 S 1/2017 Skurich et al.  
 D780,669 S 3/2017 Takahashi  
 D781,213 S \* 3/2017 Harris ..... D12/523  
 D789,278 S 6/2017 Shondel

D791,683 S 7/2017 Fu  
 D795,793 S 8/2017 Schoeppner et al.  
 D816,588 S 5/2018 Kwak  
 D817,258 S \* 5/2018 Kikuchi ..... D12/521  
 D826,138 S \* 8/2018 Yamaoka ..... D12/521  
 D835,570 S 12/2018 Montesello  
 D836,061 S 12/2018 Petr  
 D836,536 S 12/2018 Price et al.  
 D843,309 S 3/2019 Arai  
 D843,310 S \* 3/2019 Yamaoka ..... D12/521  
 D845,876 S \* 4/2019 Youn ..... D12/523  
 D854,489 S \* 7/2019 Park ..... D12/521  
 D856,267 S \* 8/2019 Park ..... D12/521  
 2012/0285592 A1 11/2012 Kameda

FOREIGN PATENT DOCUMENTS

CN 302873072 S 7/2014  
 CN 303107048 S 2/2015  
 EM RCD 8/2009  
 001154983-007

\* cited by examiner

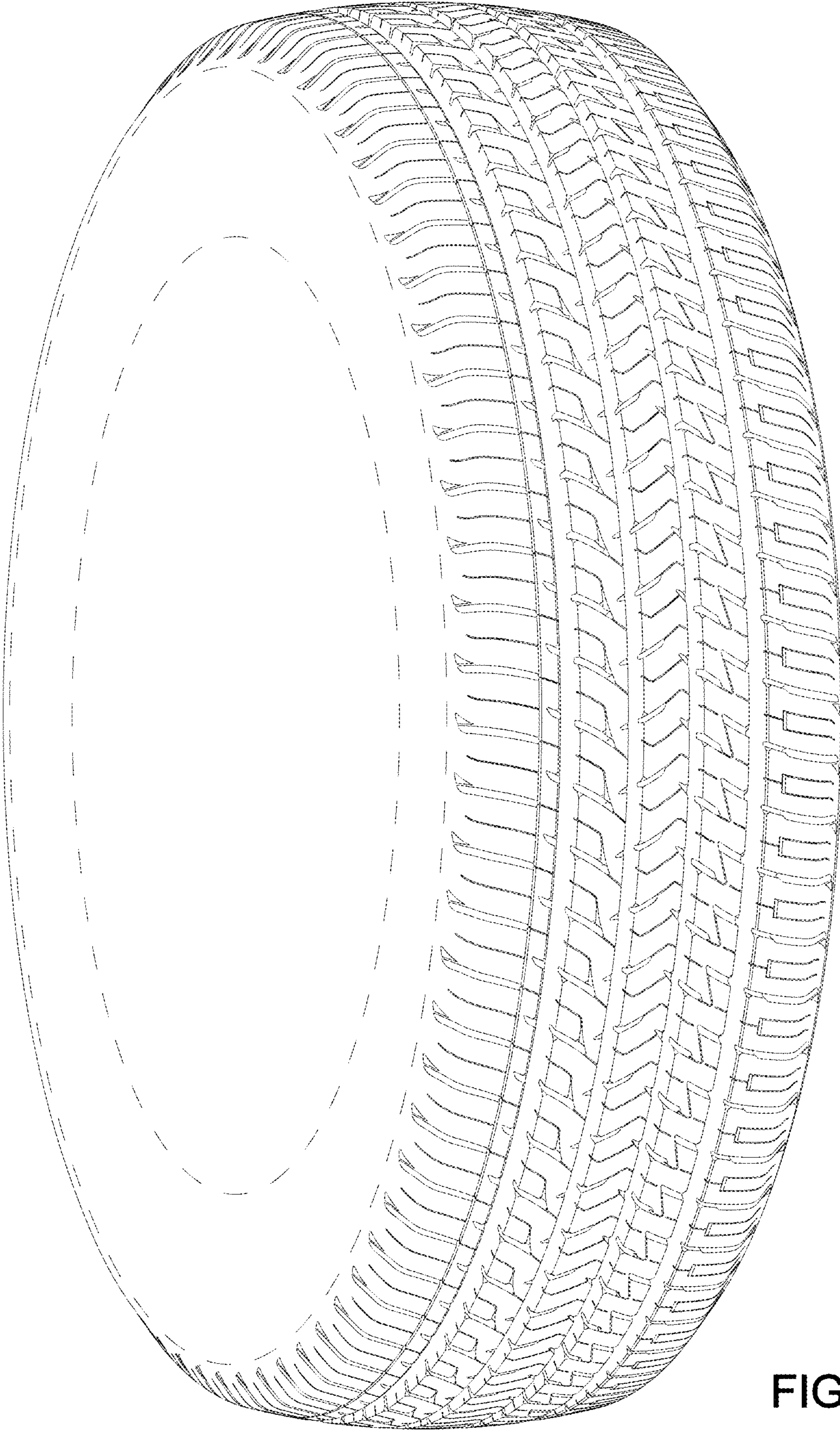


FIG 1

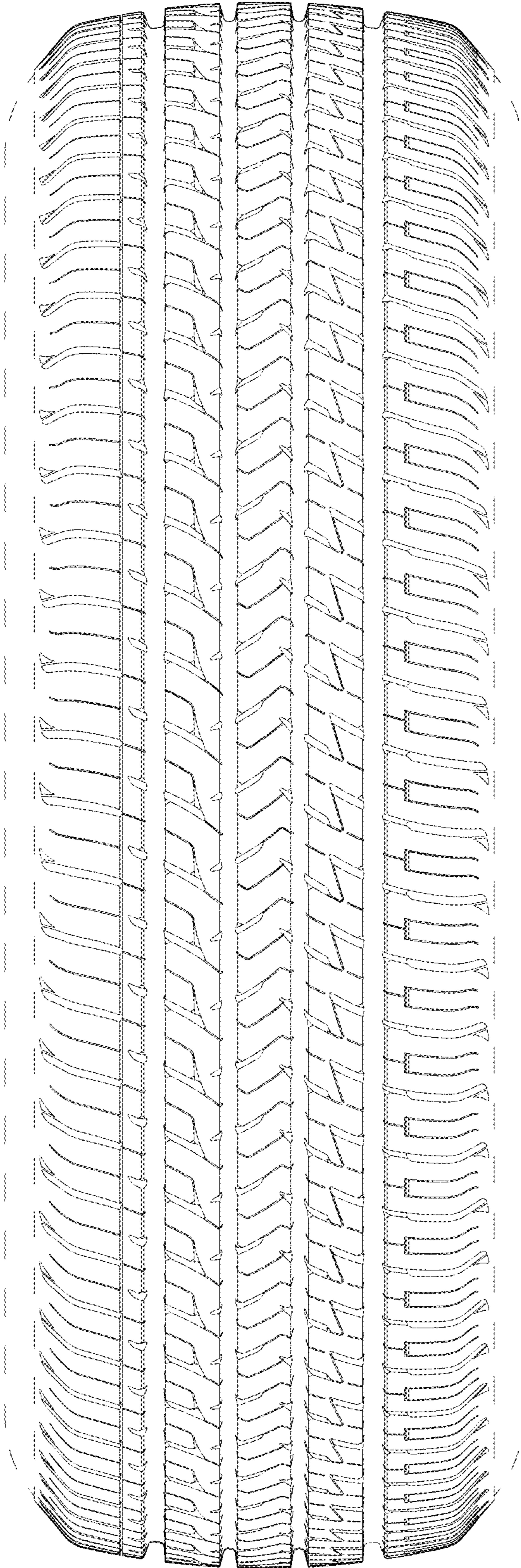


FIG 2

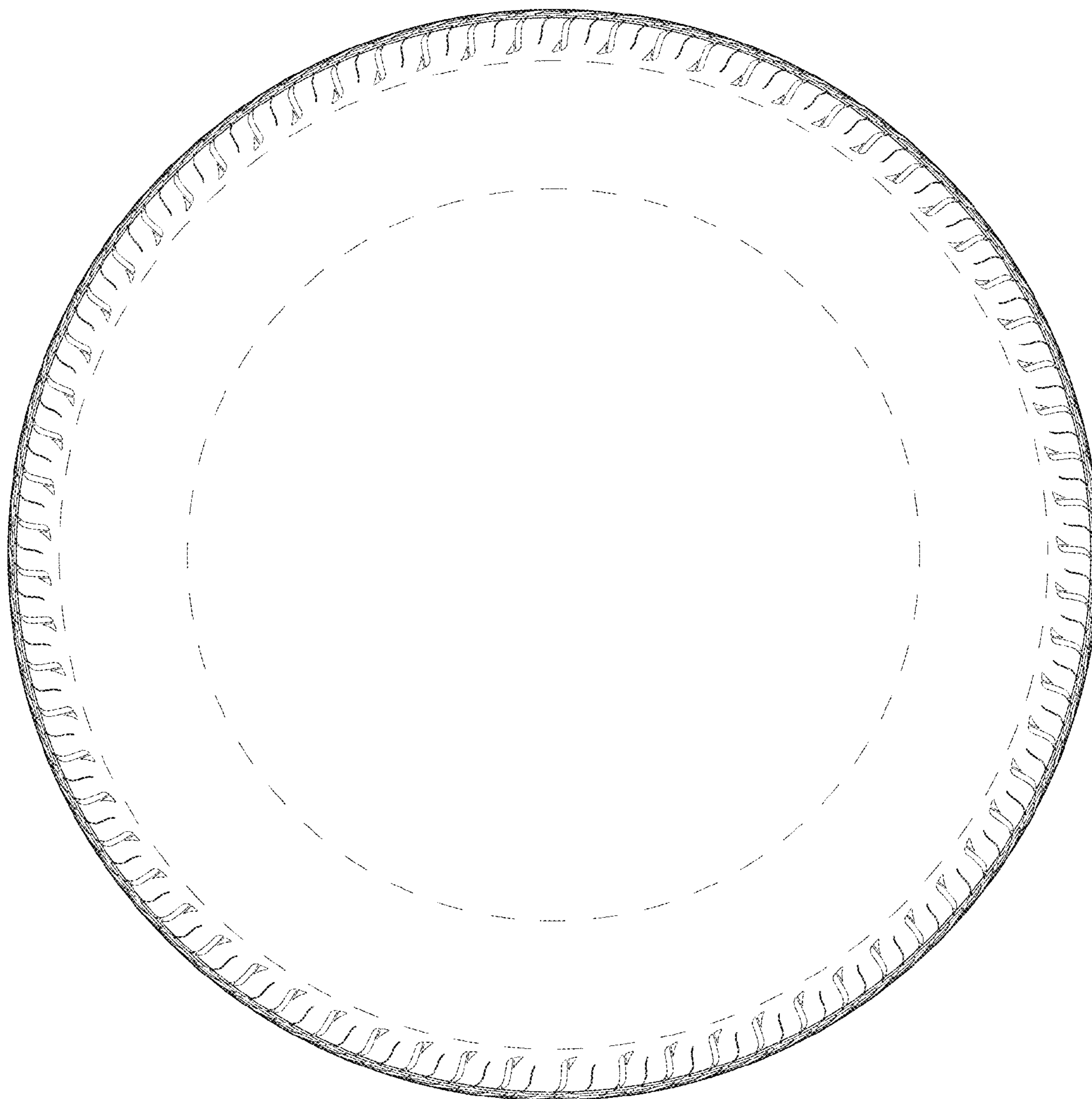


FIG 3



FIG 4

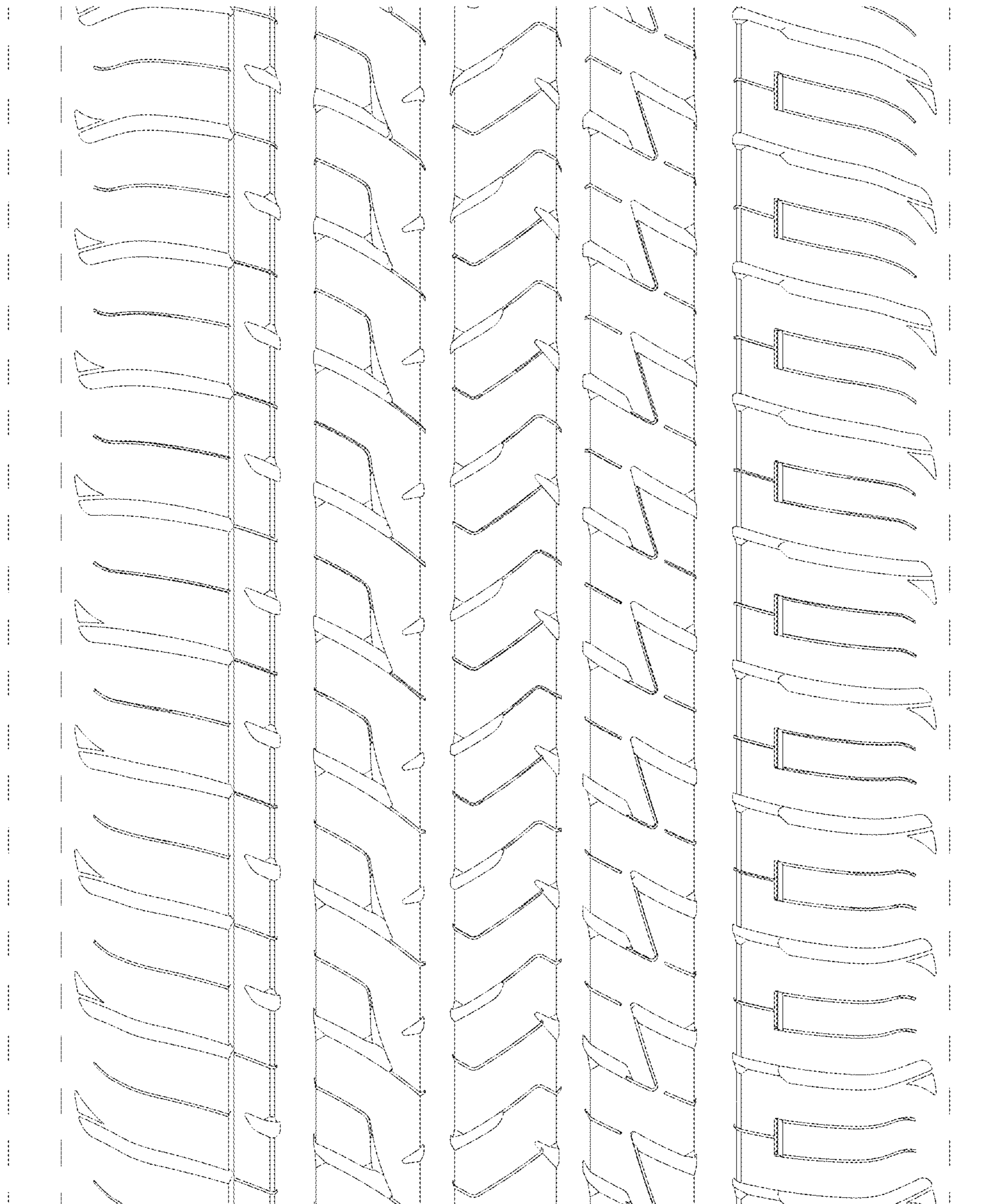


FIG 5

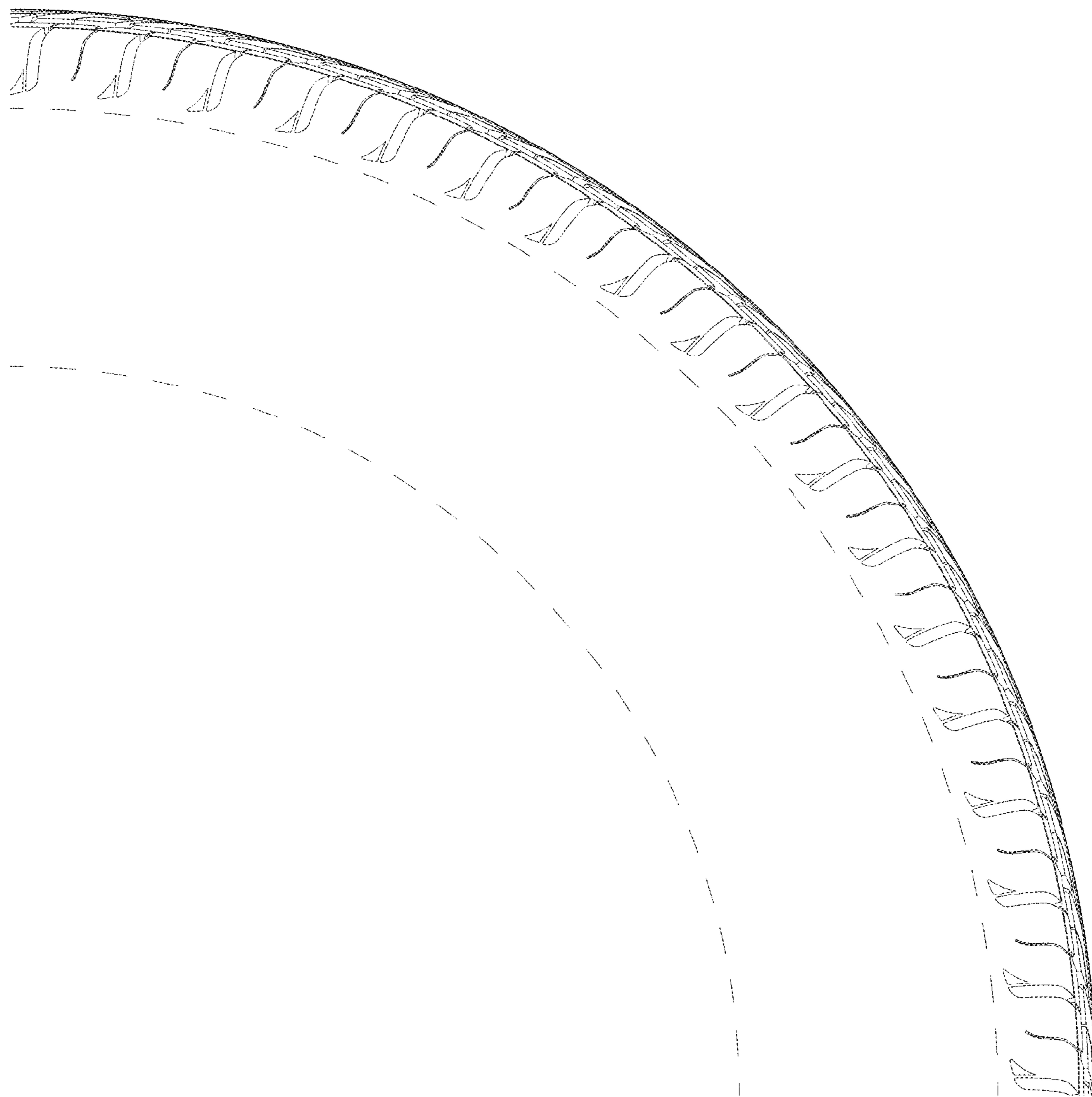


FIG 6



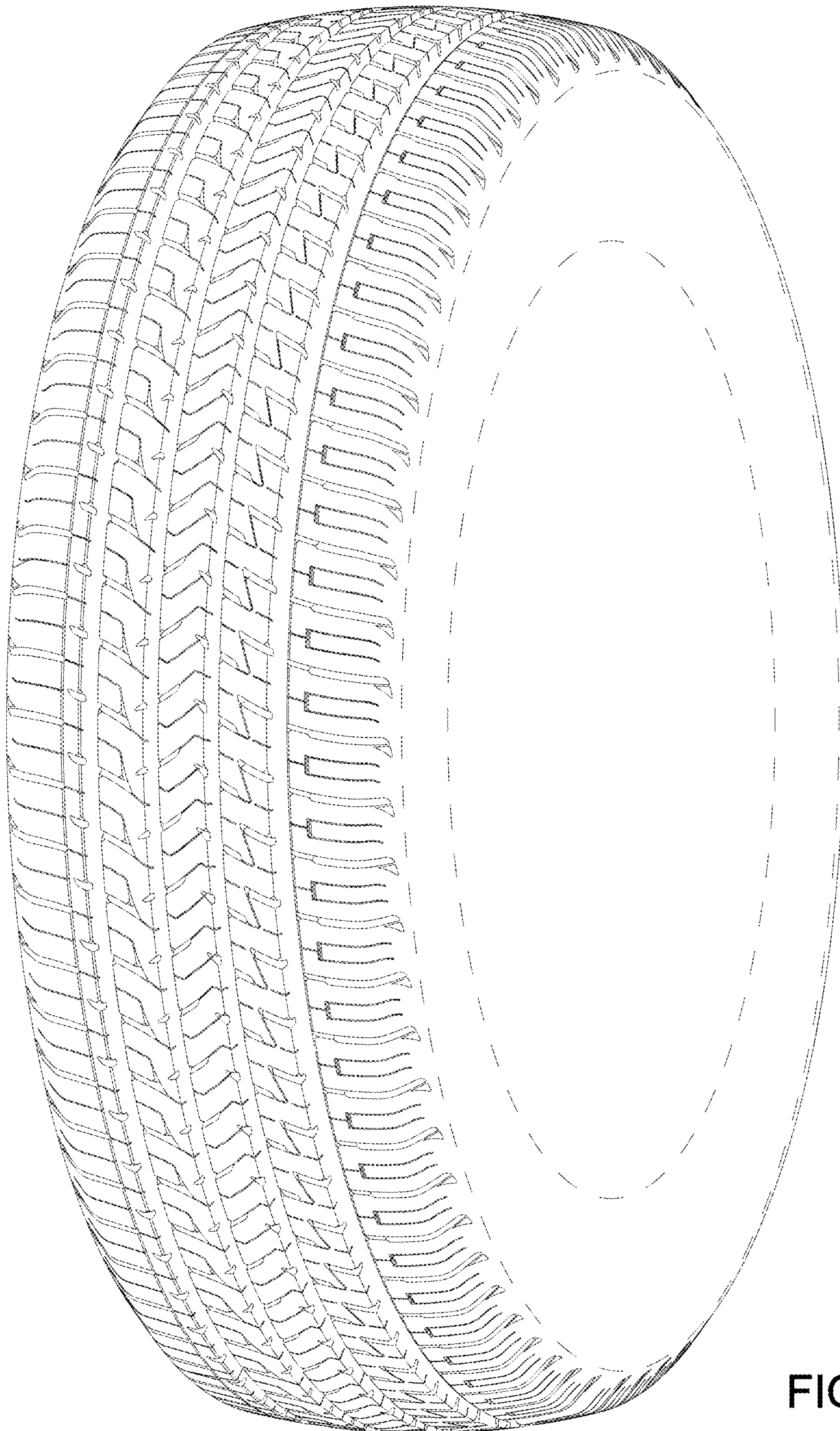


FIG 7

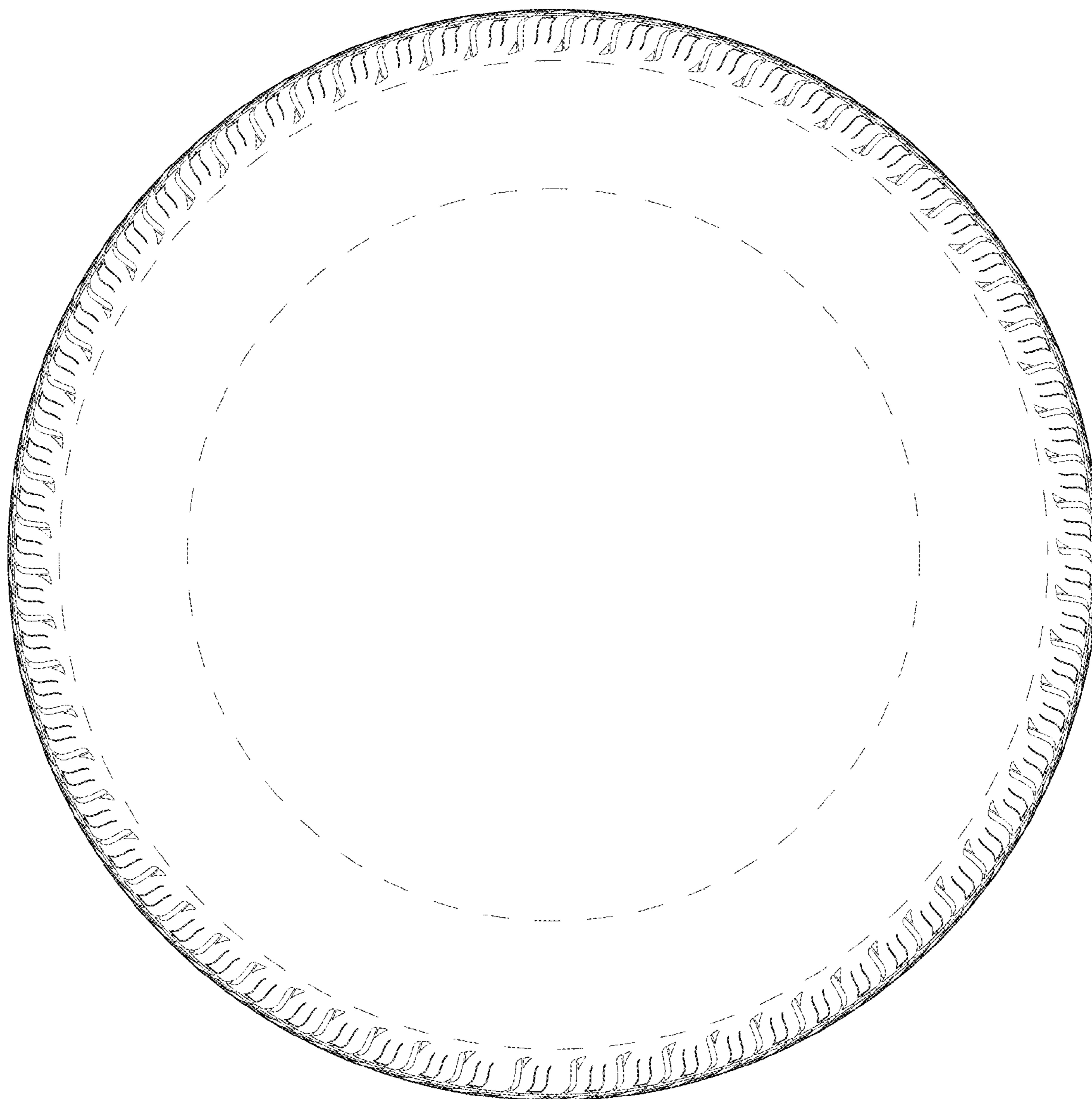


FIG 8

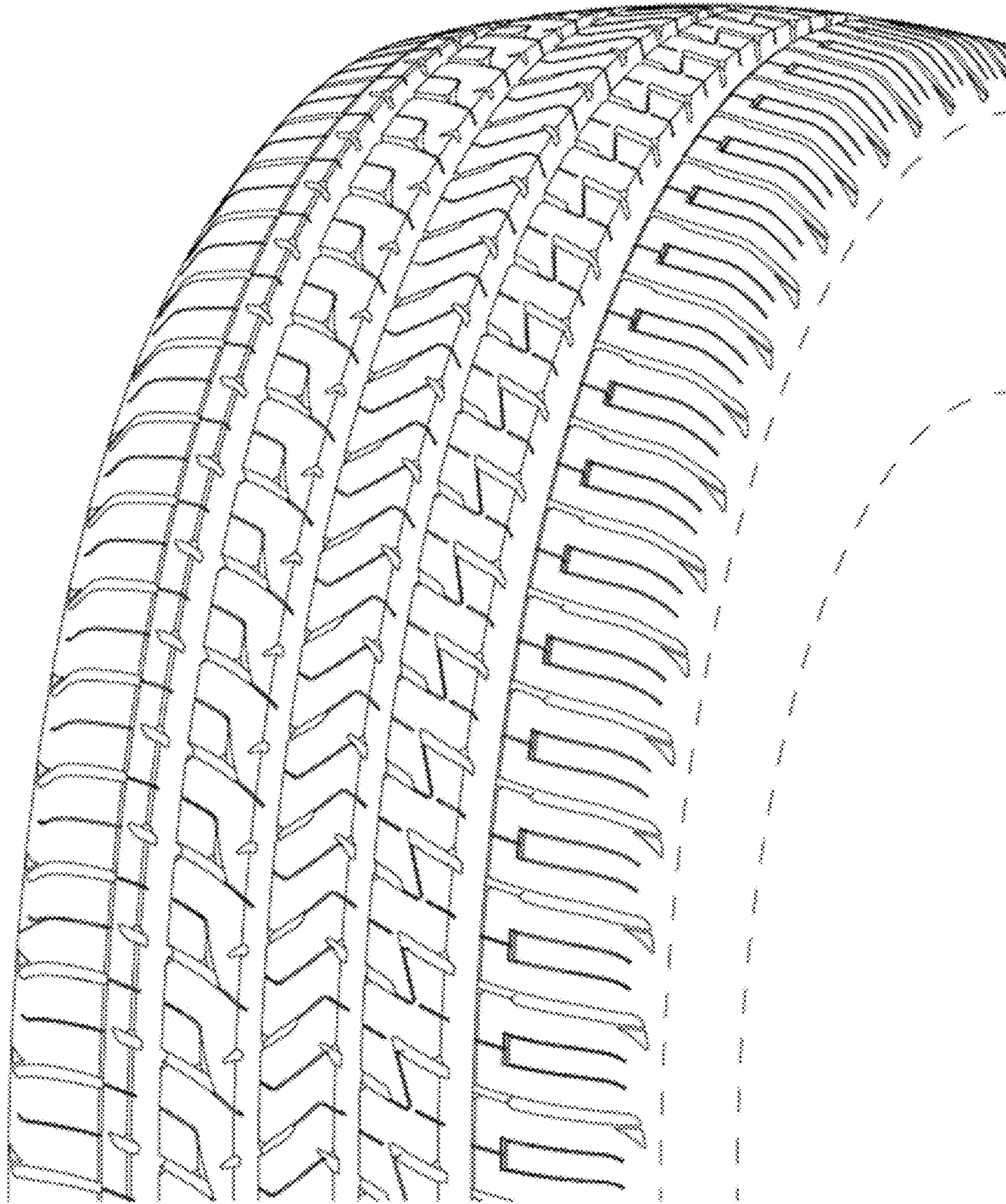


FIG 9

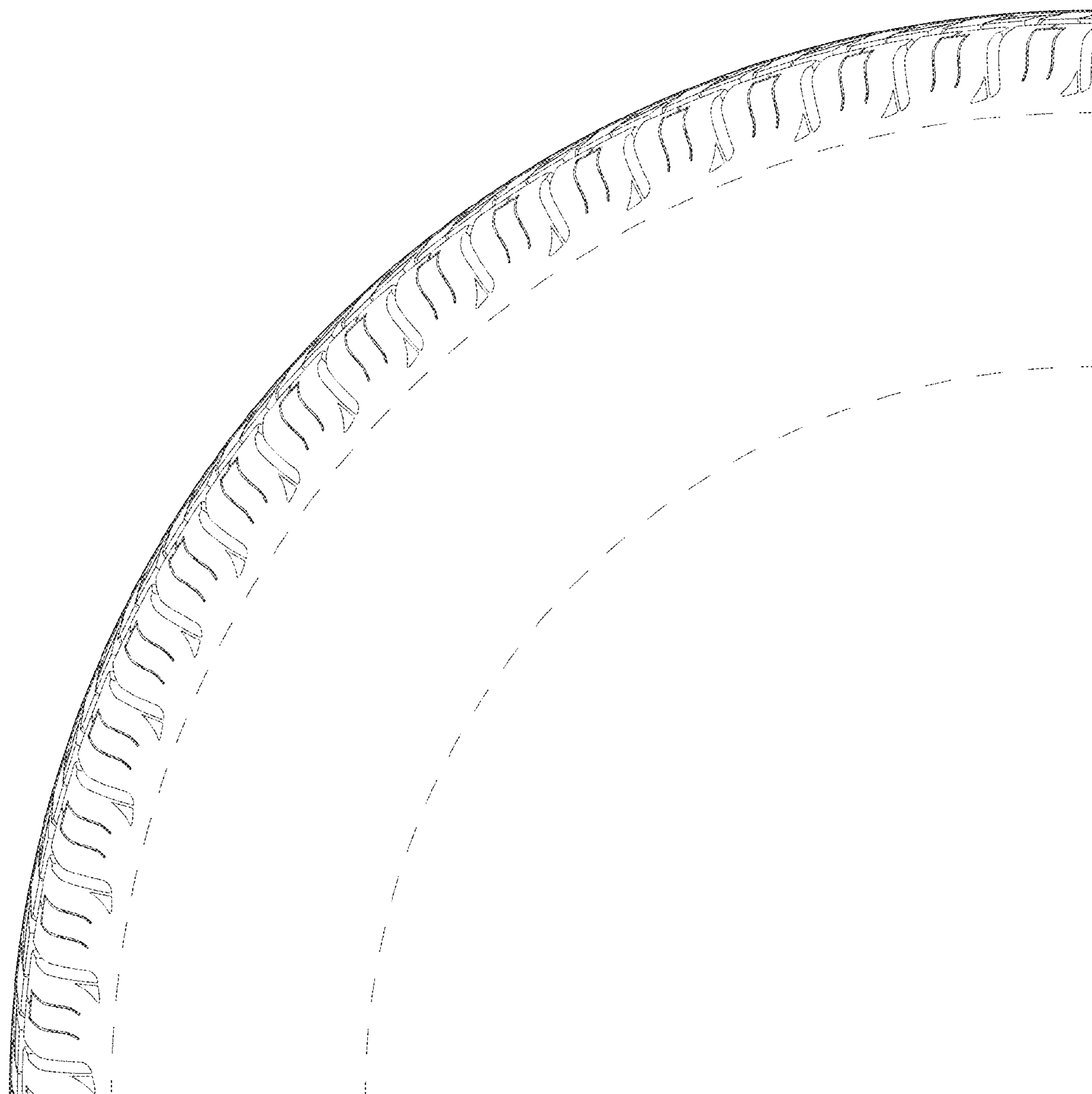


FIG 10