



US00D735099S

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

(10) **Patent No.:** **US D735,099 S**

(45) **Date of Patent:** **\*\* Jul. 28, 2015**

(54) **STEERING WHEEL**

(71) Applicant: **Caterpillar Inc.**, Peoria, IL (US)

(72) Inventors: **Christian Ritchie**, Morton, IL (US);  
**Franz Forster**, Redererstr (DE);  
**Bradley Anderson**, Rogers, MN (US);  
**Niladri Manna**, Akashi (JP)

(73) Assignee: **Caterpillar, Inc.**, Peoria, IL (US)

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

(21) Appl. No.: **29/449,707**

(22) Filed: **Mar. 15, 2013**

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

(52) **U.S. Cl.**  
USPC ..... **D12/176**

(58) **Field of Classification Search**  
USPC ..... D12/163, 175, 176, 177; D21/385, 477,  
D21/566; 200/61.54, 61.55, 61.57; 280/731,  
280/750, 775; 74/492, 552, 558.4; 701/41;  
219/204; 296/70  
CPC ..... B62D 1/04; B62D 1/06; B62D 1/10;  
B60R 21/2171; B60K 37/06; F16H 59/04  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,661,481 A 3/1928 Kendrick  
1,779,219 A 10/1930 Sheller

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP 2011186638 A \* 9/2011 ..... B62D 1/04  
JP 2013256236 A \* 12/2013 ..... B62D 1/04

**OTHER PUBLICATIONS**

Image of Steering Wheel from the website [www.bearsplaygrounds.com](http://www.bearsplaygrounds.com), available at least as early as Dec. 21, 2010.

*Primary Examiner* — Philip S Hyder

*Assistant Examiner* — Darlington Ly

(74) *Attorney, Agent, or Firm* — Saidman DesignLaw Group, LLC

(57) **CLAIM**

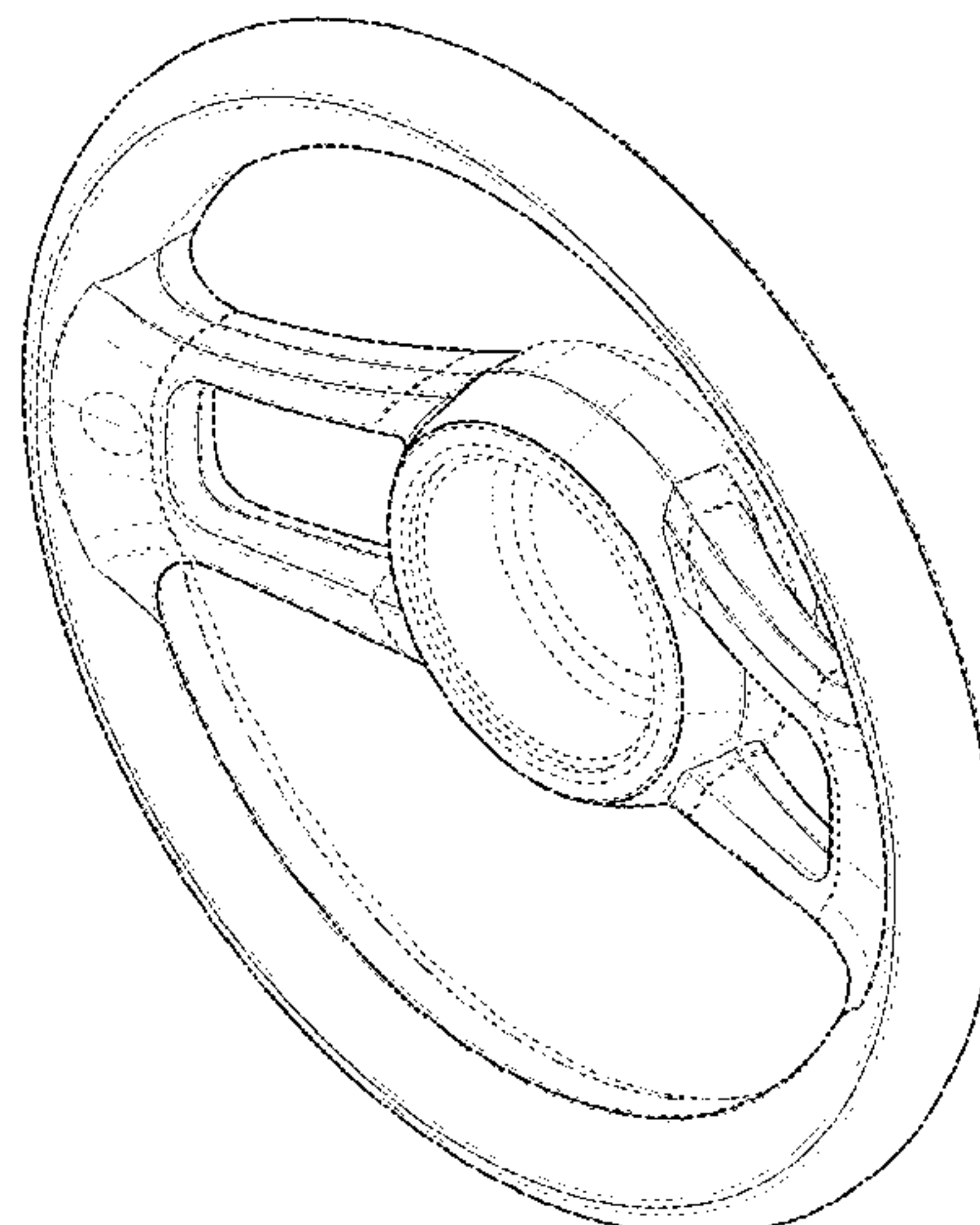
The ornamental design for a steering wheel, as shown and described.

**DESCRIPTION**

FIG. 1 is front perspective view of a steering wheel showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof, the right side view being a mirror image thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is front perspective view of a second embodiment thereof;  
FIG. 8 is a front view thereof;  
FIG. 9 is a rear view thereof;  
FIG. 10 is a left side view thereof, the right side view being a mirror image thereof;  
FIG. 11 is a top view thereof;  
FIG. 12 is a bottom view thereof;  
FIG. 13 is front perspective view of a third embodiment thereof;  
FIG. 14 is a front view thereof;  
FIG. 15 is a rear view thereof;  
FIG. 16 is a left side view thereof, the right side view being a mirror image thereof;  
FIG. 17 is a top view thereof; and,  
FIG. 18 is a bottom view thereof.

The dotted broken lines shown in the drawings illustrate portions of the steering wheel that form no part of the claimed design. The dot-dot-dash broken lines illustrate unclaimed boundaries. In FIGS. 13-18, the gray shading represents a surface pattern that contrasts with the surface pattern on the four central spokes, not any particular color.

**1 Claim, 15 Drawing Sheets**



(56)

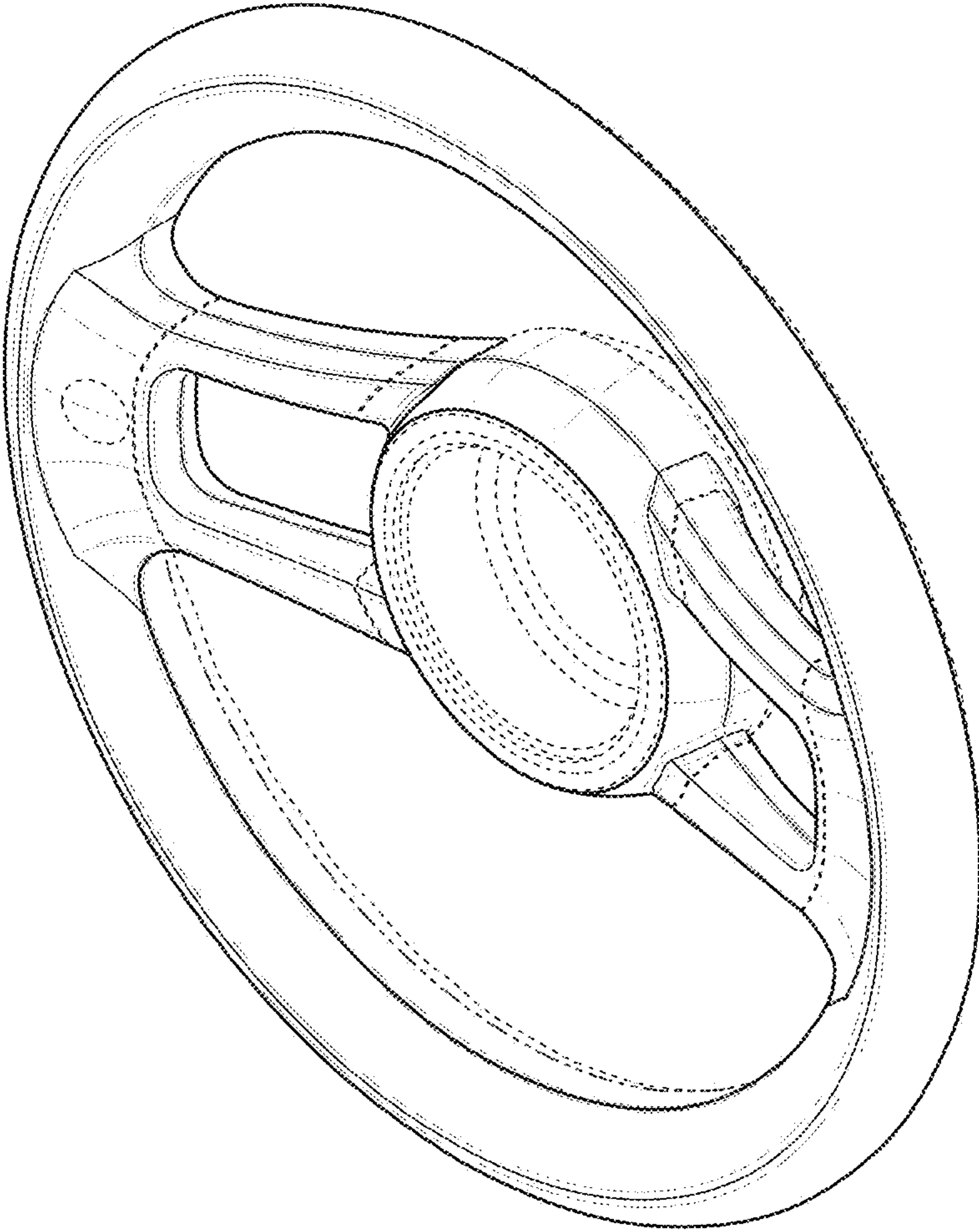
**References Cited**

U.S. PATENT DOCUMENTS

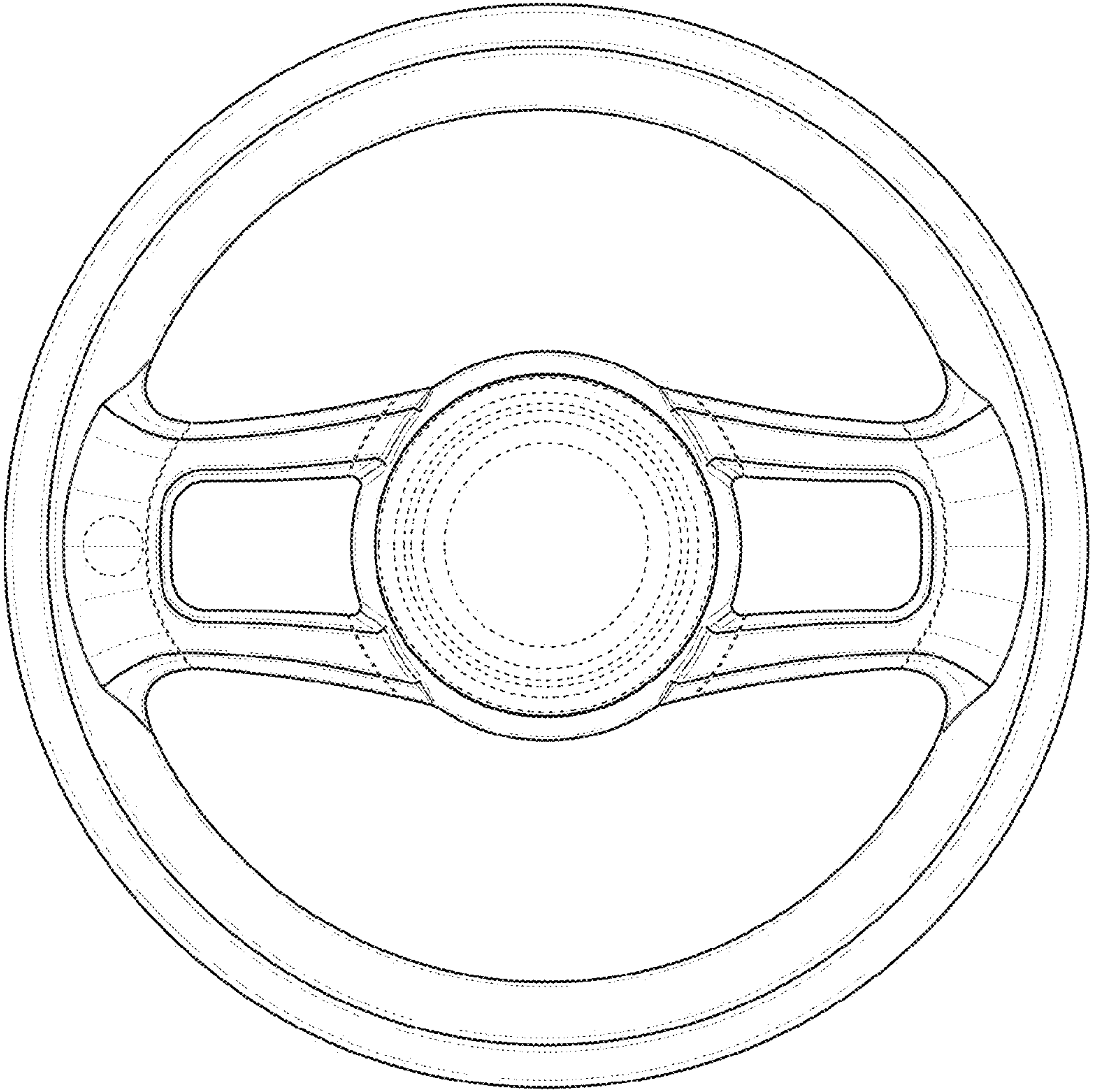
2,455,887 A 12/1948 Braude  
D305,223 S 12/1989 Breiding et al.  
D356,765 S \* 3/1995 DiMatteo ..... D12/176  
D461,435 S 8/2002 Johnson  
D611,321 S 3/2010 Boies et al.  
D636,711 S \* 4/2011 Anzi ..... D12/176  
D647,441 S \* 10/2011 Anzi ..... D12/176

D649,096 S \* 11/2011 Lucas et al. .... D12/176  
D661,629 S \* 6/2012 Lucas et al. .... D12/176  
D690,633 S \* 10/2013 Lucas et al. .... D12/176  
D696,991 S \* 1/2014 Bose et al. .... D12/176  
D696,992 S \* 1/2014 Pohanka et al. .... D12/176  
D700,118 S \* 2/2014 Hardin et al. .... D12/176  
D706,187 S \* 6/2014 Tilscher et al. .... D12/176  
2007/0152428 A1 \* 7/2007 Poli et al. .... 280/728.2  
2012/0096979 A1 \* 4/2012 Trujillo Linke ..... 74/552  
2014/0081521 A1 \* 3/2014 Frojdh et al. .... 701/36

\* cited by examiner

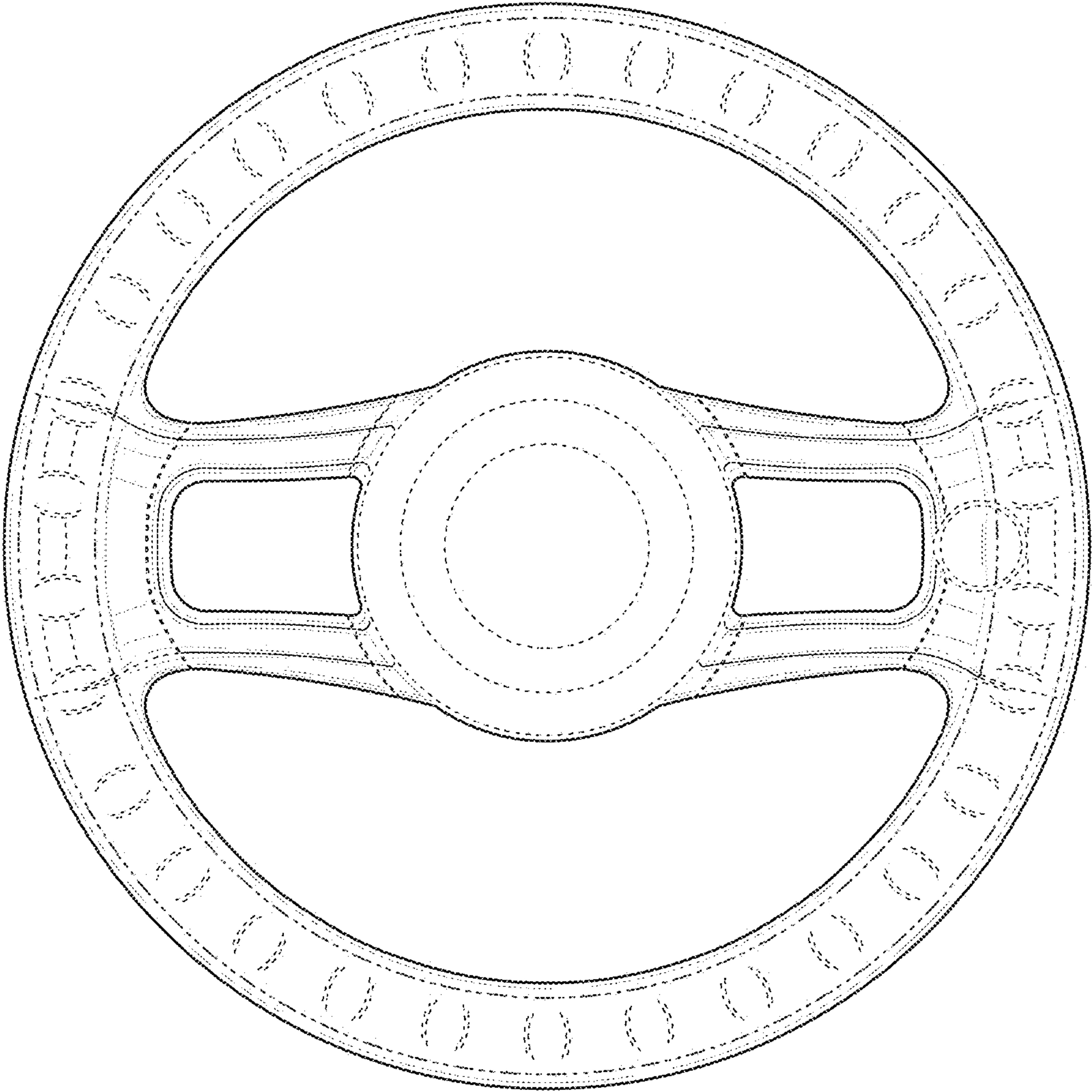


*Fig. 1*

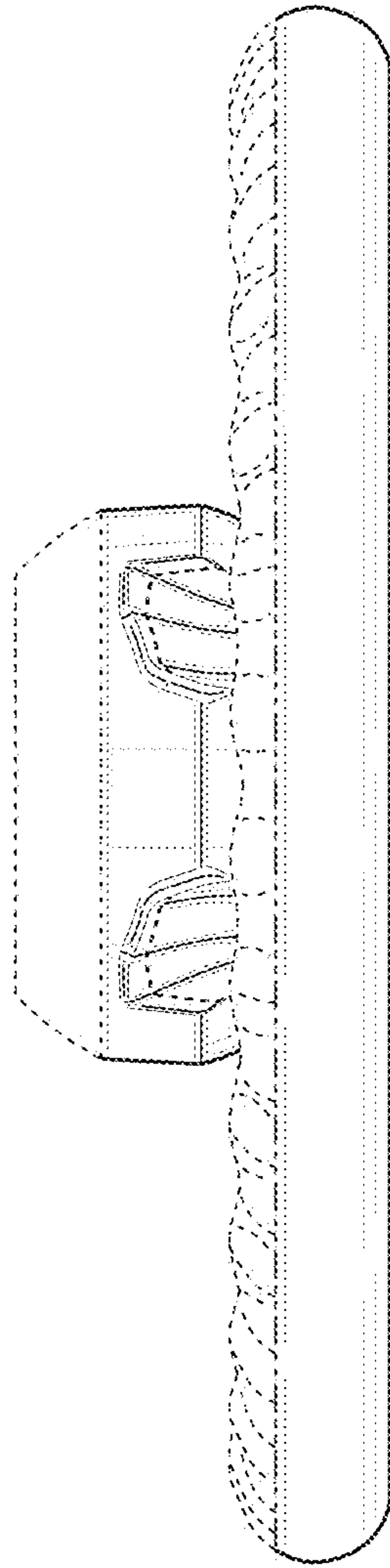


*Fig. 2*

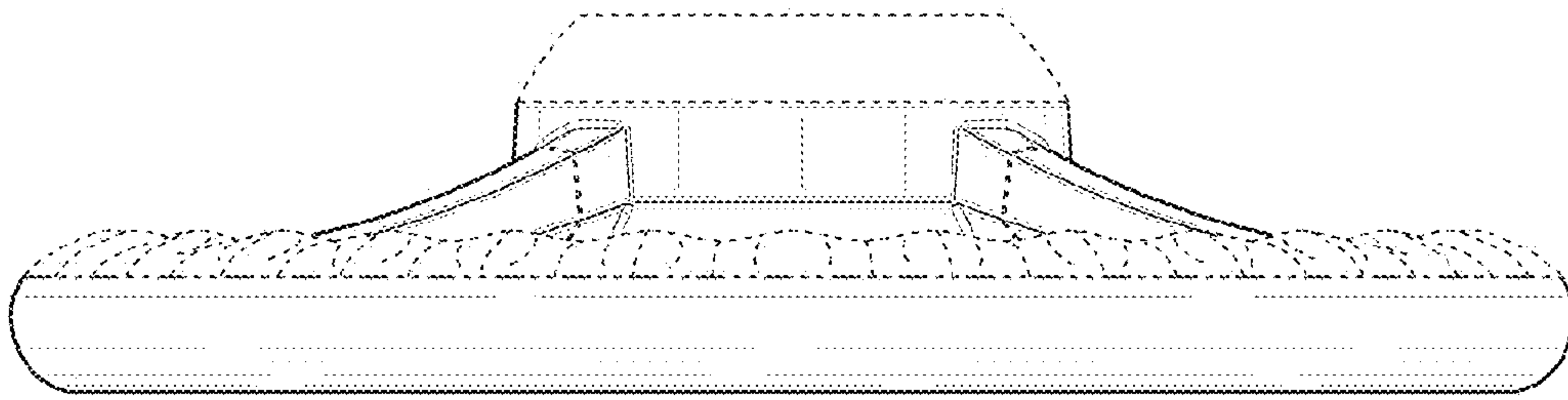




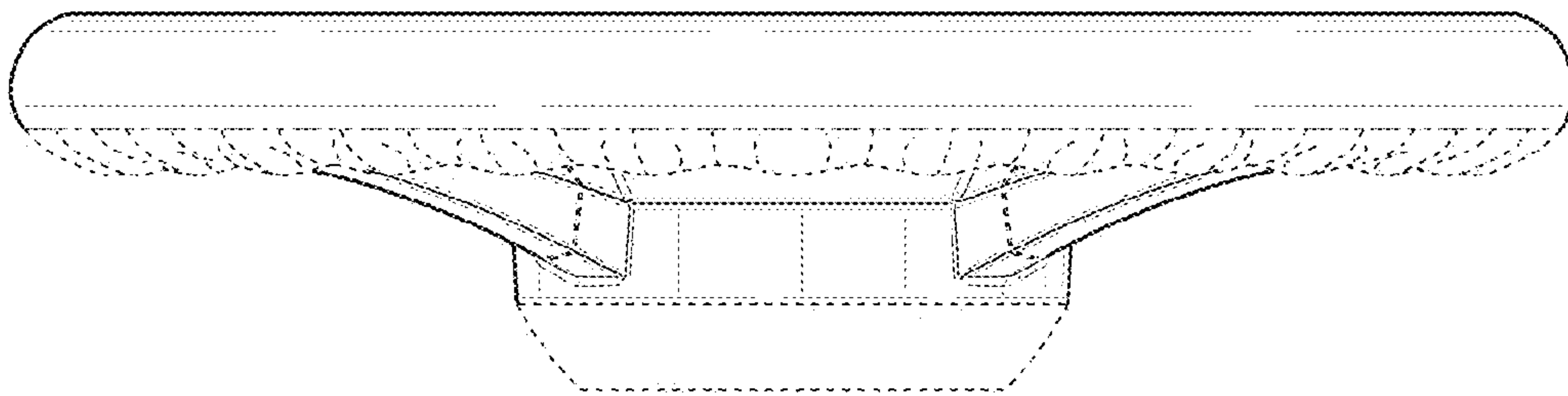
**Fig. 3**



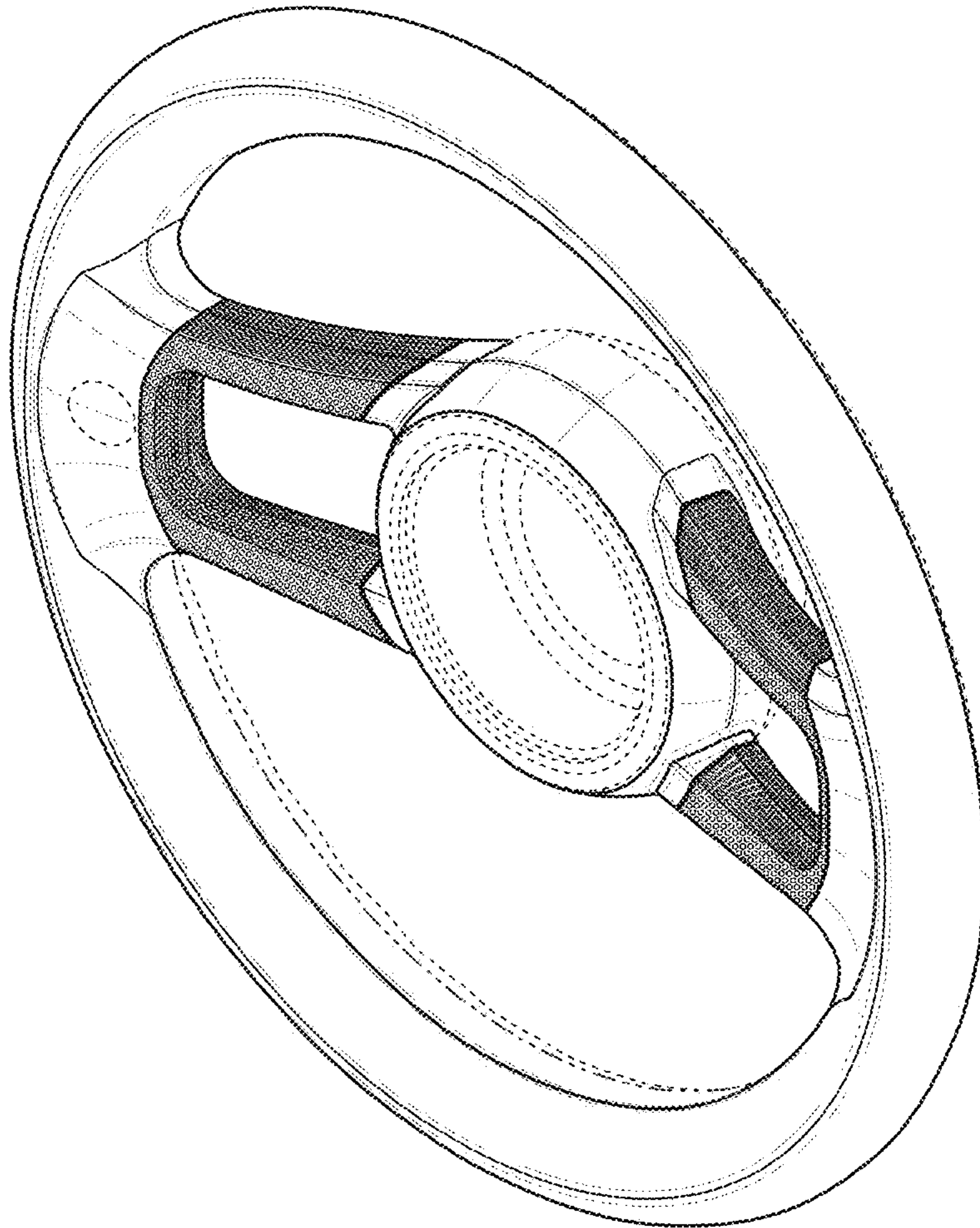
**Fig. 4**



*Fig. 5*

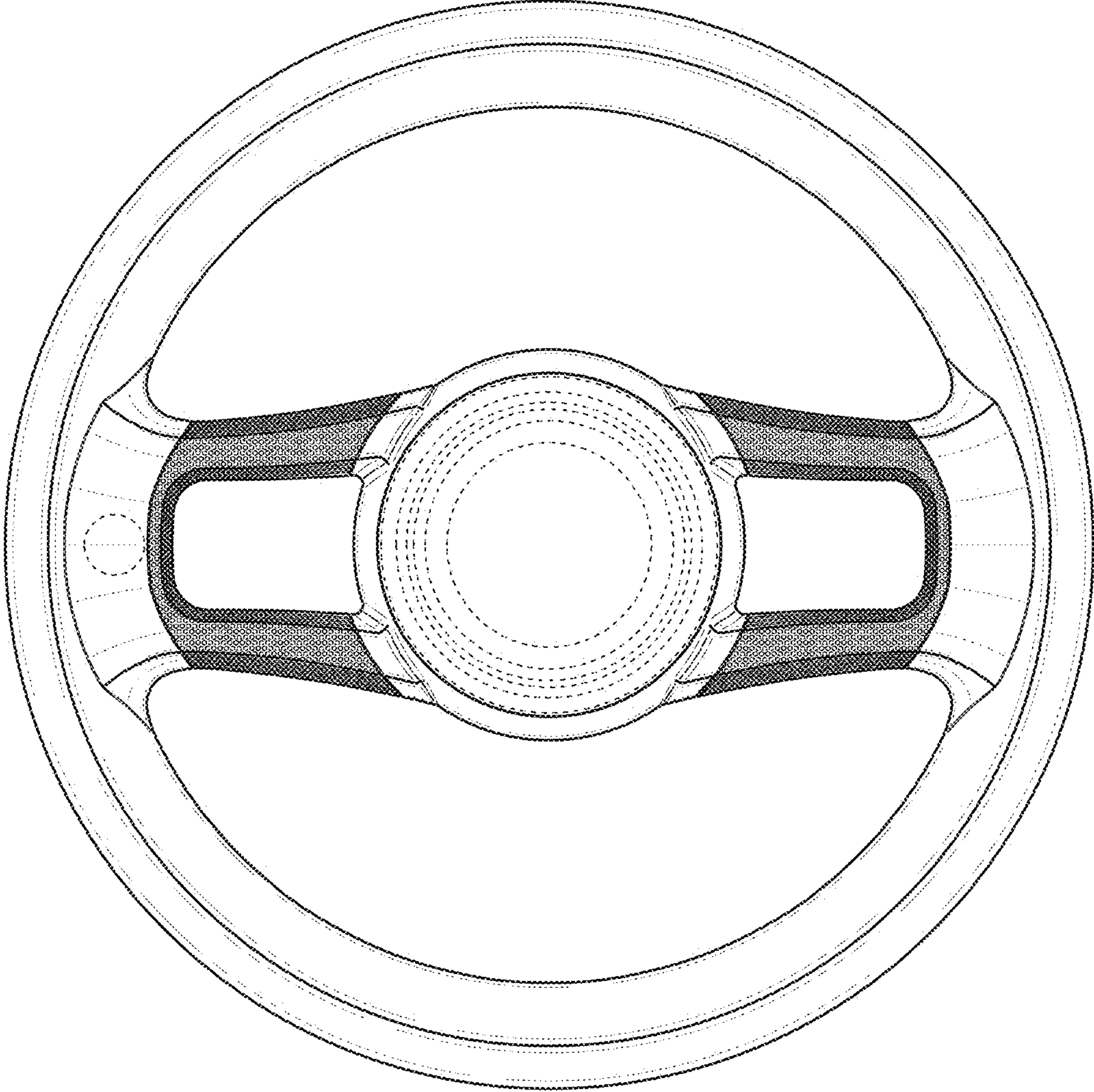


*Fig. 6*

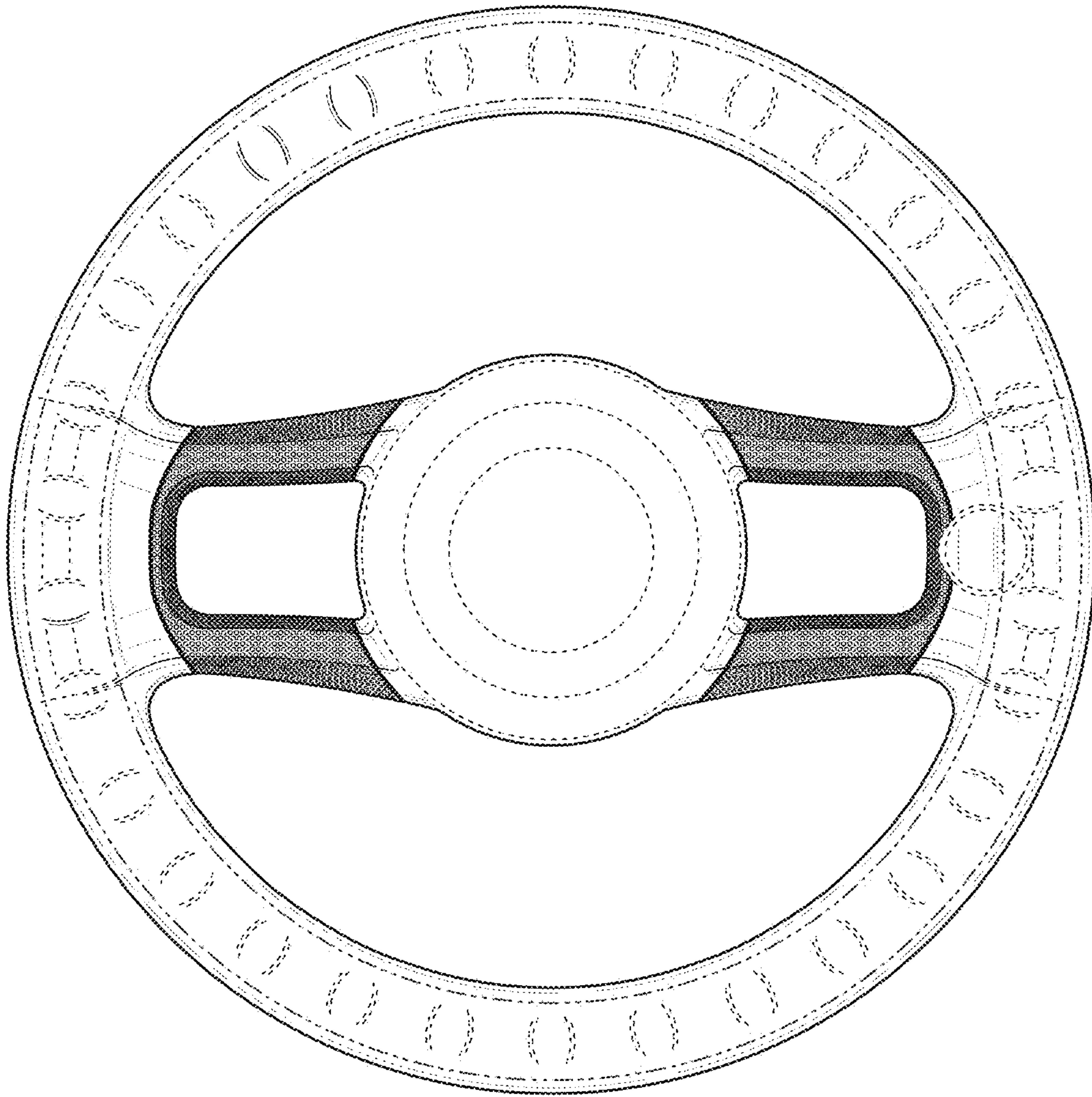


*Fig. 7*

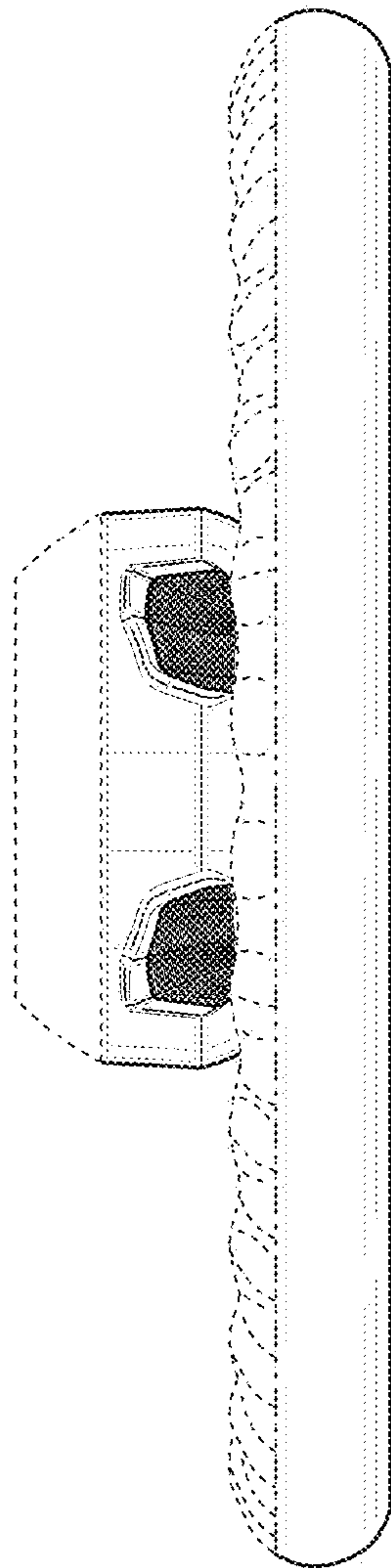




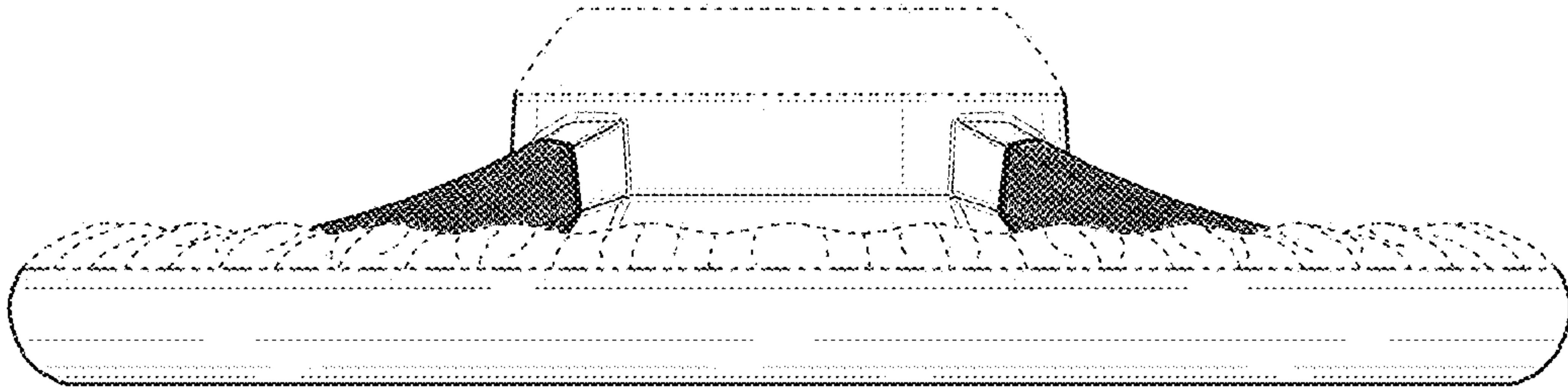
*Fig. 8*



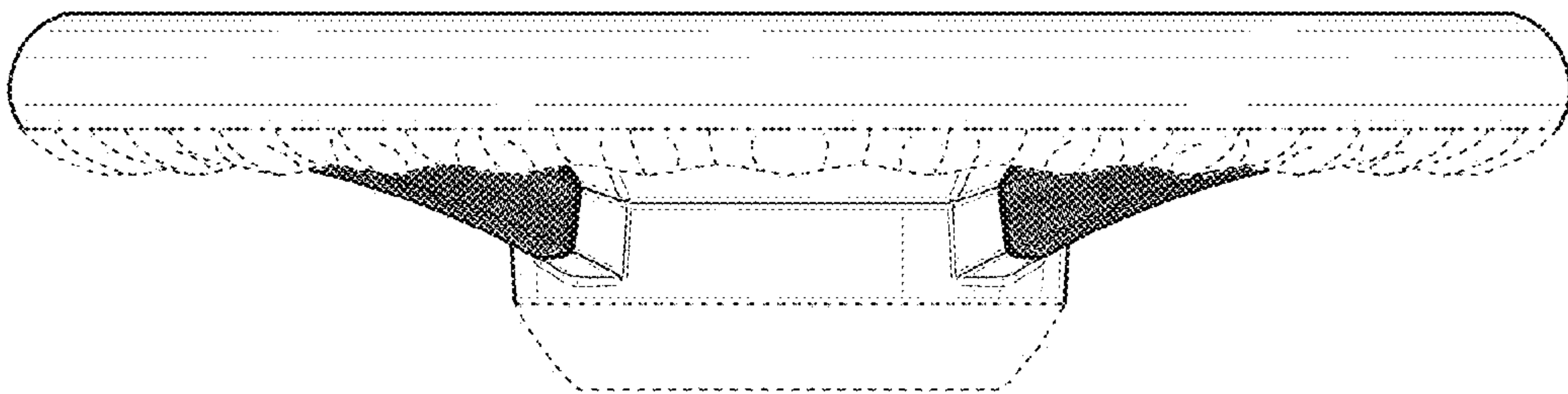
*Fig. 9*



*Fig. 10*

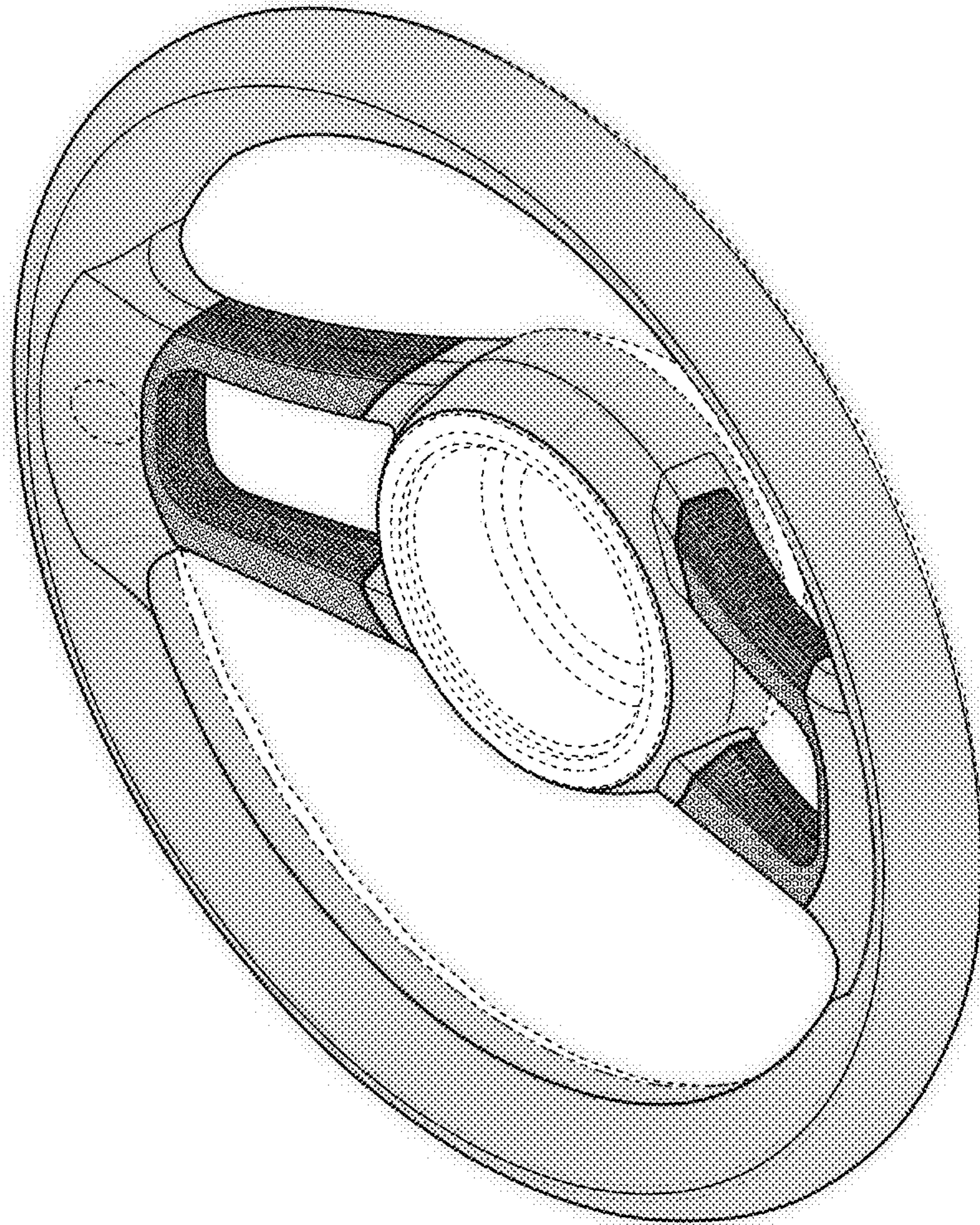


*Fig. 11*



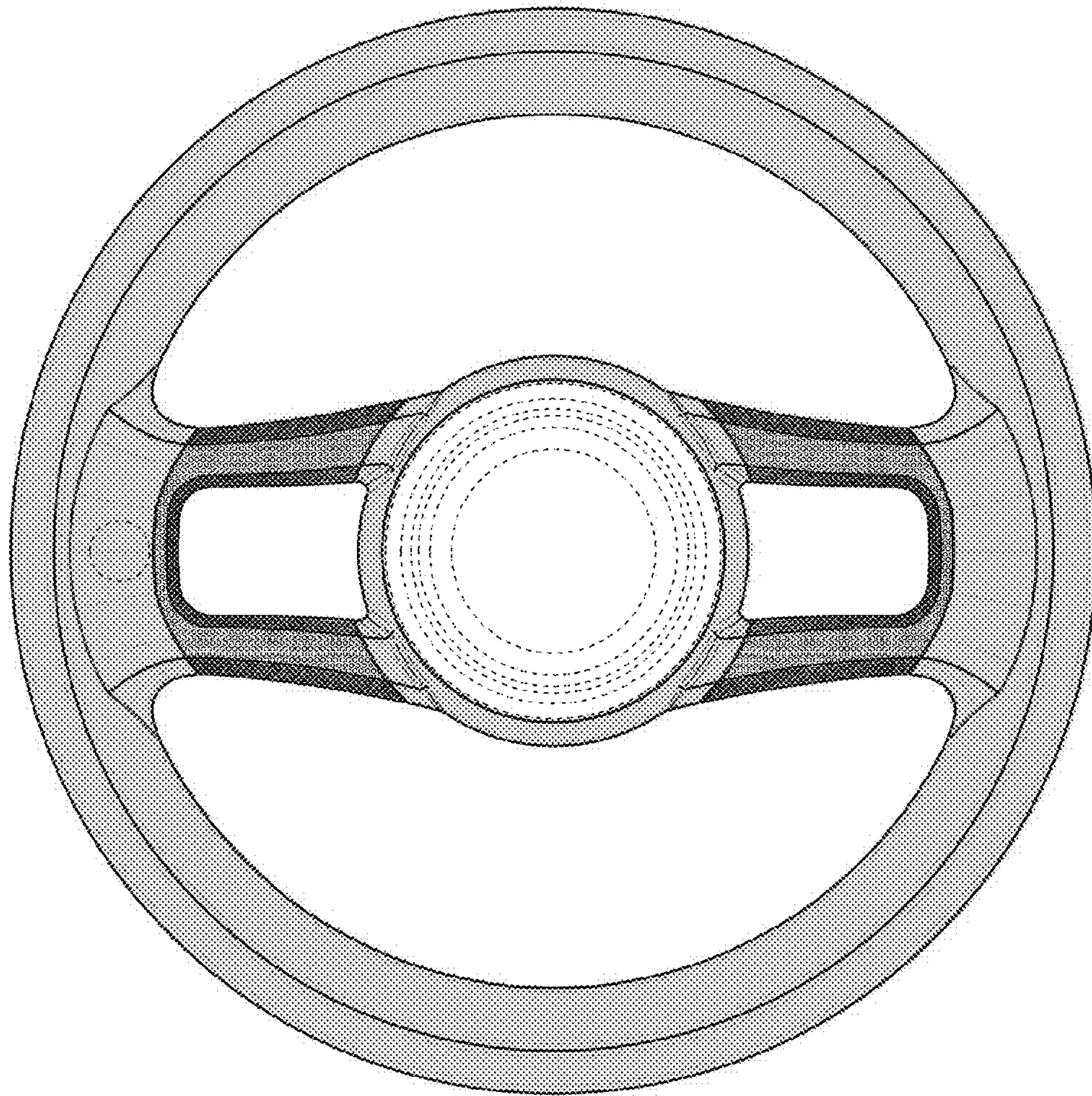
*Fig. 12*



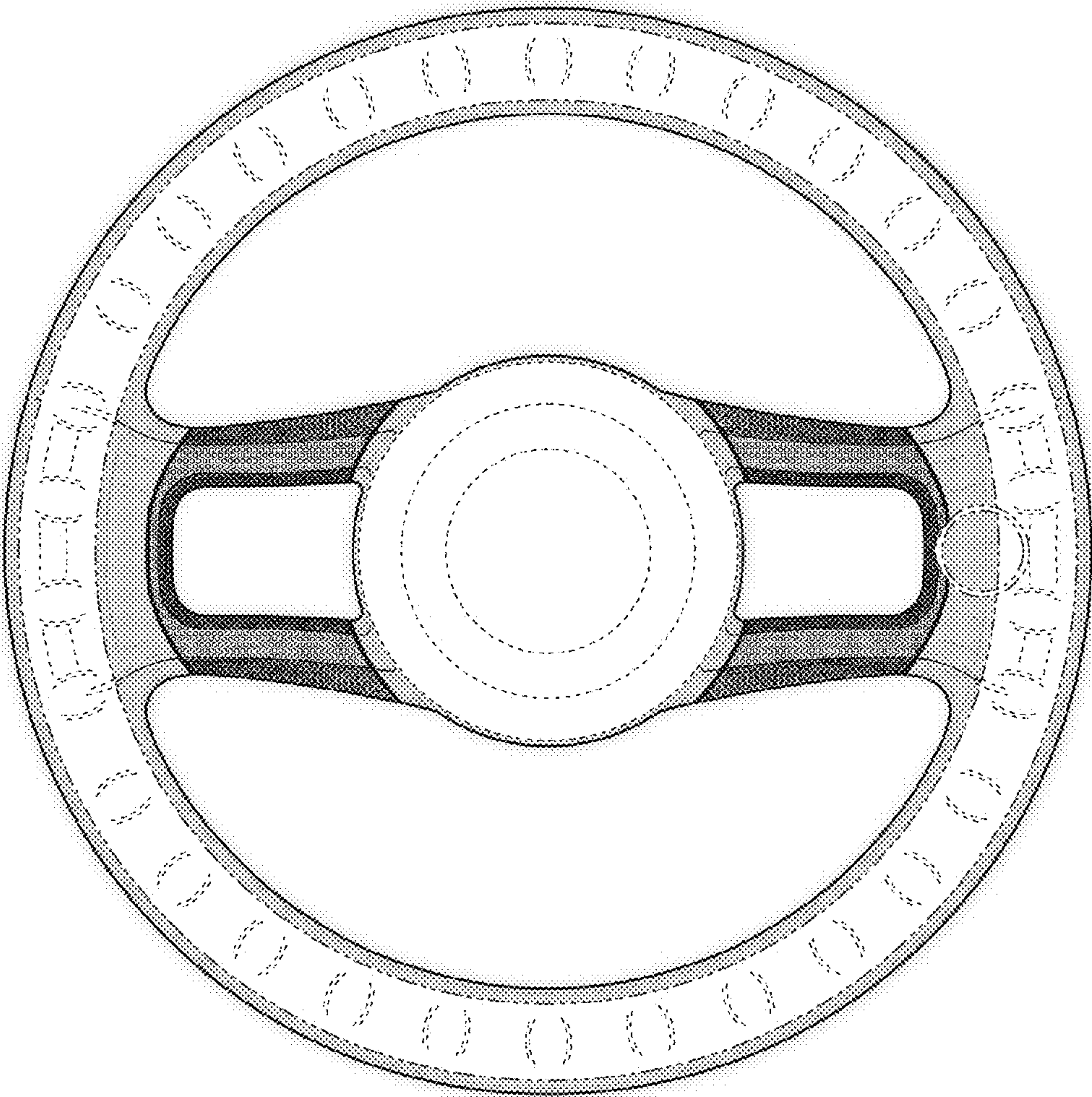


*Fig. 13*



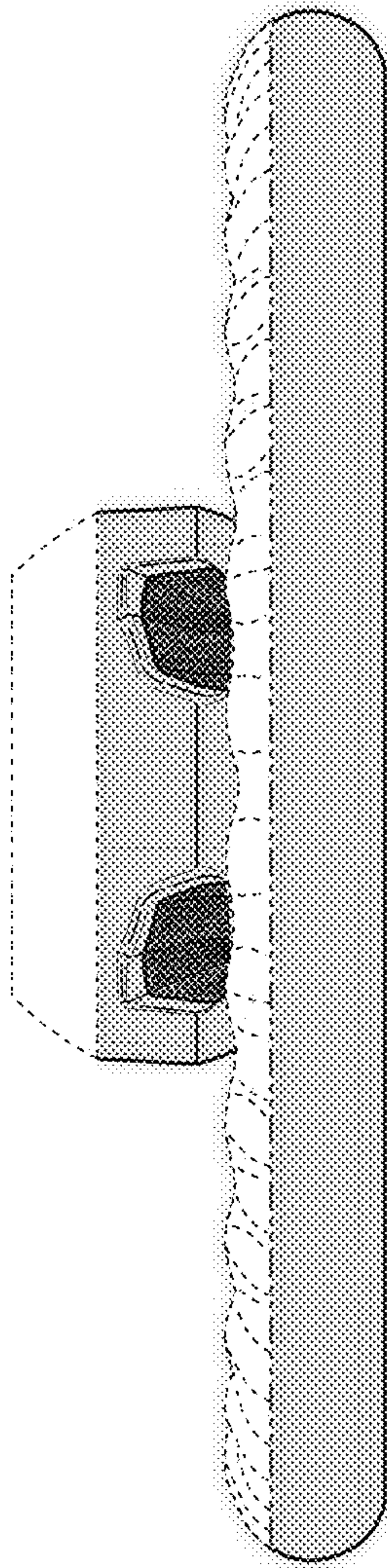


*Fig. 14*



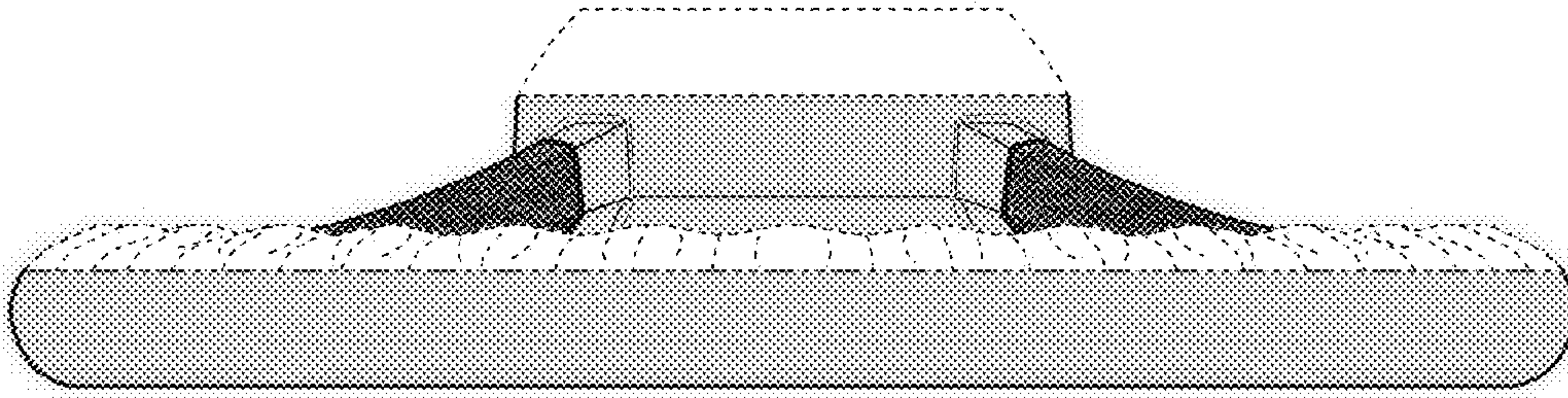
*Fig. 15*



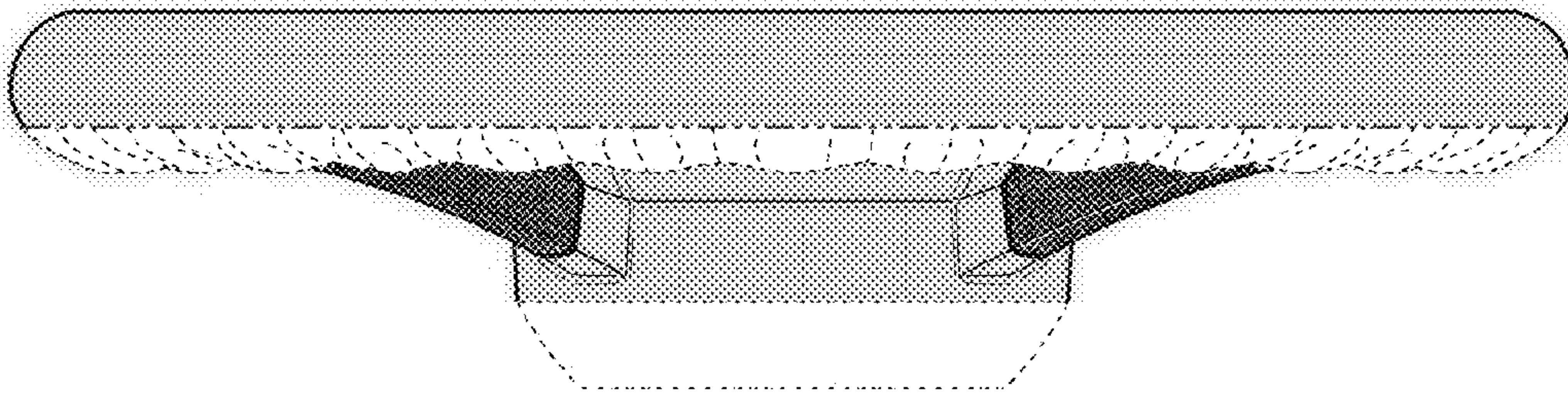


*Fig. 16*





*Fig. 17*



*Fig. 18*