



US00D816001S

(12) **United States Design Patent** (10) **Patent No.:** **US D816,001 S**
Kim (45) **Date of Patent:** **** Apr. 24, 2018**

(54) **AUTOMOTIVE STEERING WHEEL**

D671,464 S 11/2012 Baccus et al.
D696,992 S 1/2014 Pohanka et al.
D697,851 S 1/2014 Woo et al.

(71) Applicant: **SAMSUNG DISPLAY CO., LTD.**,
Yongin-si, Gyeonggi-do (KR)

(Continued)

(72) Inventor: **Min Soo Kim**, Seoul (KR)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **Samsung Display Co., Ltd.**, Yongin-si
(KR)

JP D1490386 S 1/2014
JP D1490598 S 1/2014

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/576,340**

U.S. Notice of Allowance dated May 22, 2017, issued in cross-reference U.S. Appl. No. 29/576,346 (9 pages).

(22) Filed: **Sep. 1, 2016**

(Continued)

(30) **Foreign Application Priority Data**

Mar. 3, 2016 (KR) 30-2016-0009817

Primary Examiner — Ian Simmons
Assistant Examiner — Yolanda Robinson

(51) **LOC (11) Cl.** **12-16**

(74) *Attorney, Agent, or Firm* — Lewis Roca Rothgerber
Christie LLP

(52) **U.S. Cl.**
USPC **D12/177**

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D12/175, 176, 177; D14/401, 414;
D21/333, 385, 477, 566; 74/552, 558;
340/475, 476, 477; 434/69, 70, 71;
70/62

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

CPC B60Q 1/1461; B60K 37/06; B60R 16/037;
B62D 1/16; B62D 1/04

DESCRIPTION

See application file for complete search history.

FIG. 1 is a perspective view of an automotive steering wheel;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a perspective view thereof.

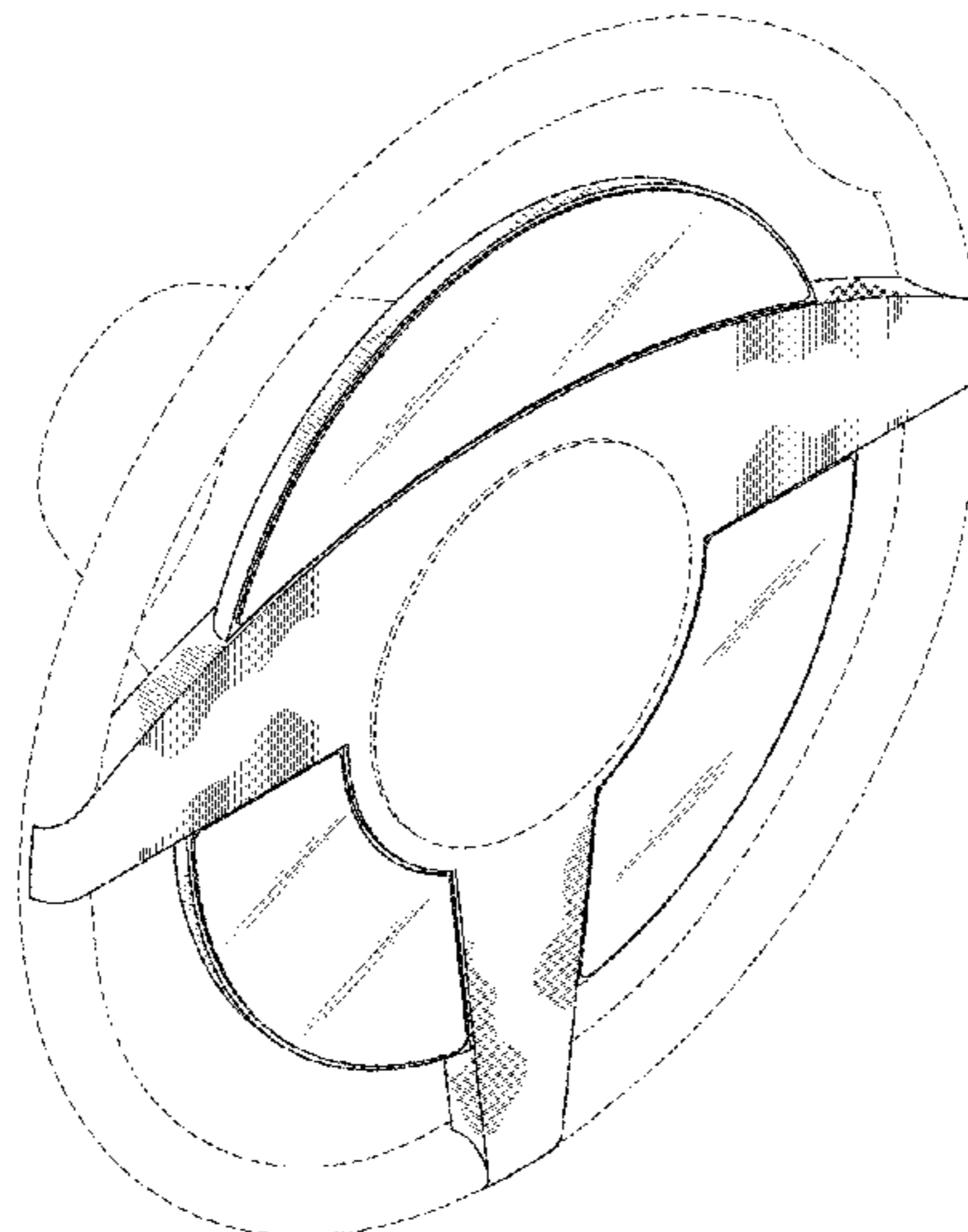
(56) **References Cited**

U.S. PATENT DOCUMENTS

D434,086 S * 11/2000 Ford D21/328
D480,668 S * 10/2003 Ohm D12/176
D587,176 S * 2/2009 Yang D12/176
D602,096 S * 10/2009 Ashida D14/414
D630,983 S 1/2011 Frank et al.
D636,711 S * 4/2011 Anzi D12/176
D644,580 S * 9/2011 Markowitz D12/176
D647,441 S * 10/2011 Anzi D12/176
D649,095 S 11/2011 Frank et al.
D663,244 S * 7/2012 Won D12/176

The automotive steering wheel includes displays that can display images. The displays are shown in FIG. 8. The broken lines shown in the drawings illustrate portions of the automotive steering wheel that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D703,594	S	4/2014	Kim et al.	
D704,108	S	5/2014	Frank et al.	
D716,203	S	10/2014	Nakai	
D723,448	S	3/2015	Woo et al.	
D741,759	S	10/2015	Persson et al.	
D743,858	S	11/2015	Sugiura	
D743,860	S	11/2015	Nagumo	
D758,932	S	6/2016	Schowalter	
D758,933	S	6/2016	Owaku	
D760,134	S	6/2016	Montousse et al.	
D768,520	S *	10/2016	Lisseman	D10/104.1
D770,342	S	11/2016	Pohanka	
D772,124	S	11/2016	Lee et al.	
D775,563	S *	1/2017	Shan	D12/192
D776,584	S	1/2017	Meissner et al.	
D784,871	S *	4/2017	Lee	D12/176
D785,637	S *	5/2017	Hennings	D14/250
2008/0079241	A1	4/2008	Fujimori et al.	
2009/0314128	A1 *	12/2009	Rick	B62D 1/065 74/558
2013/0133468	A1 *	5/2013	Rancan	B62D 1/04 74/552
2016/0159396	A1 *	6/2016	Watanabe	B62D 1/046 701/36

OTHER PUBLICATIONS

U.S. Office Action dated Jun. 15, 2017, issued in cross-reference
 U.S. Appl. No. 29/576,344 (8 pages).

* cited by examiner

FIG. 1

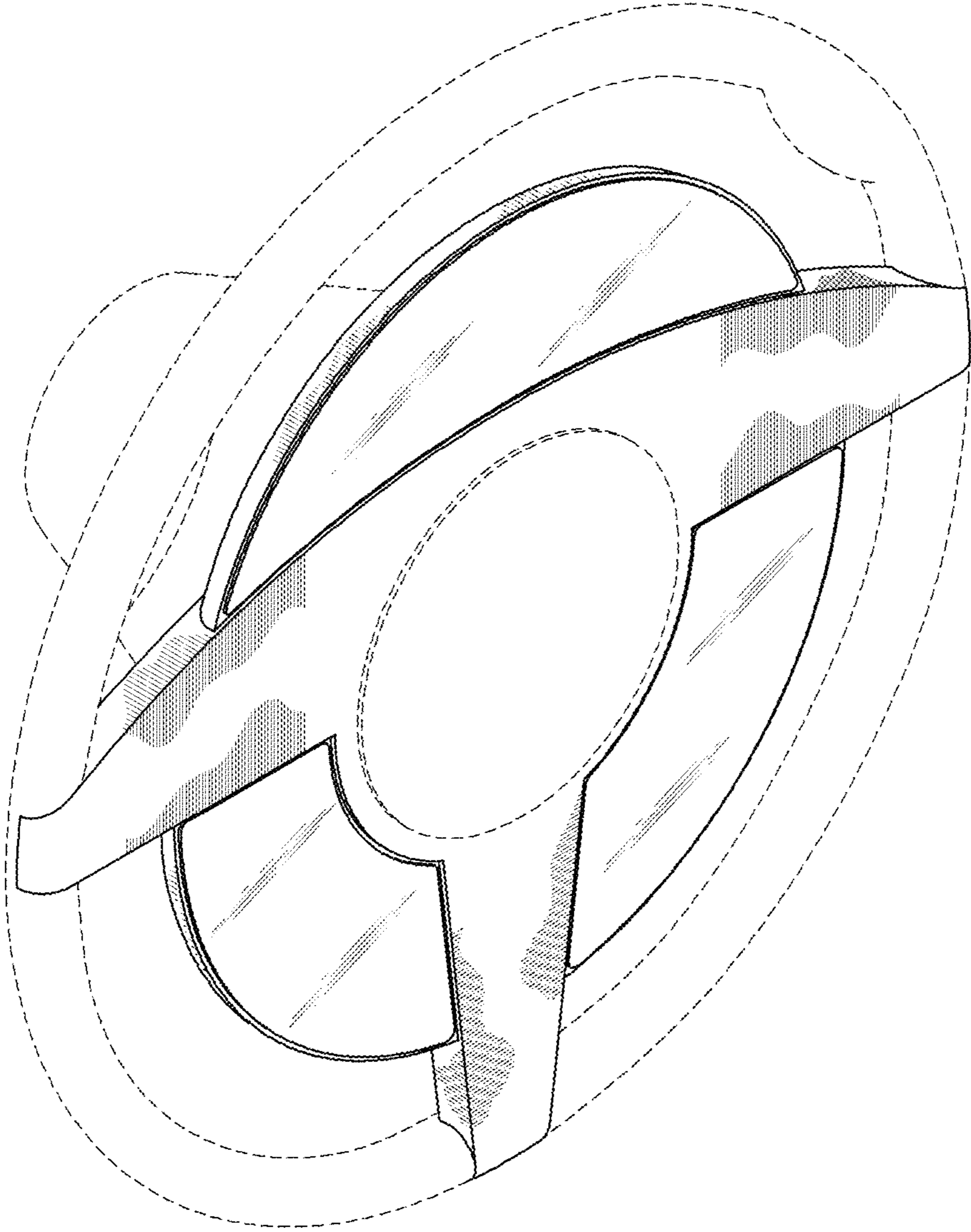


FIG. 2

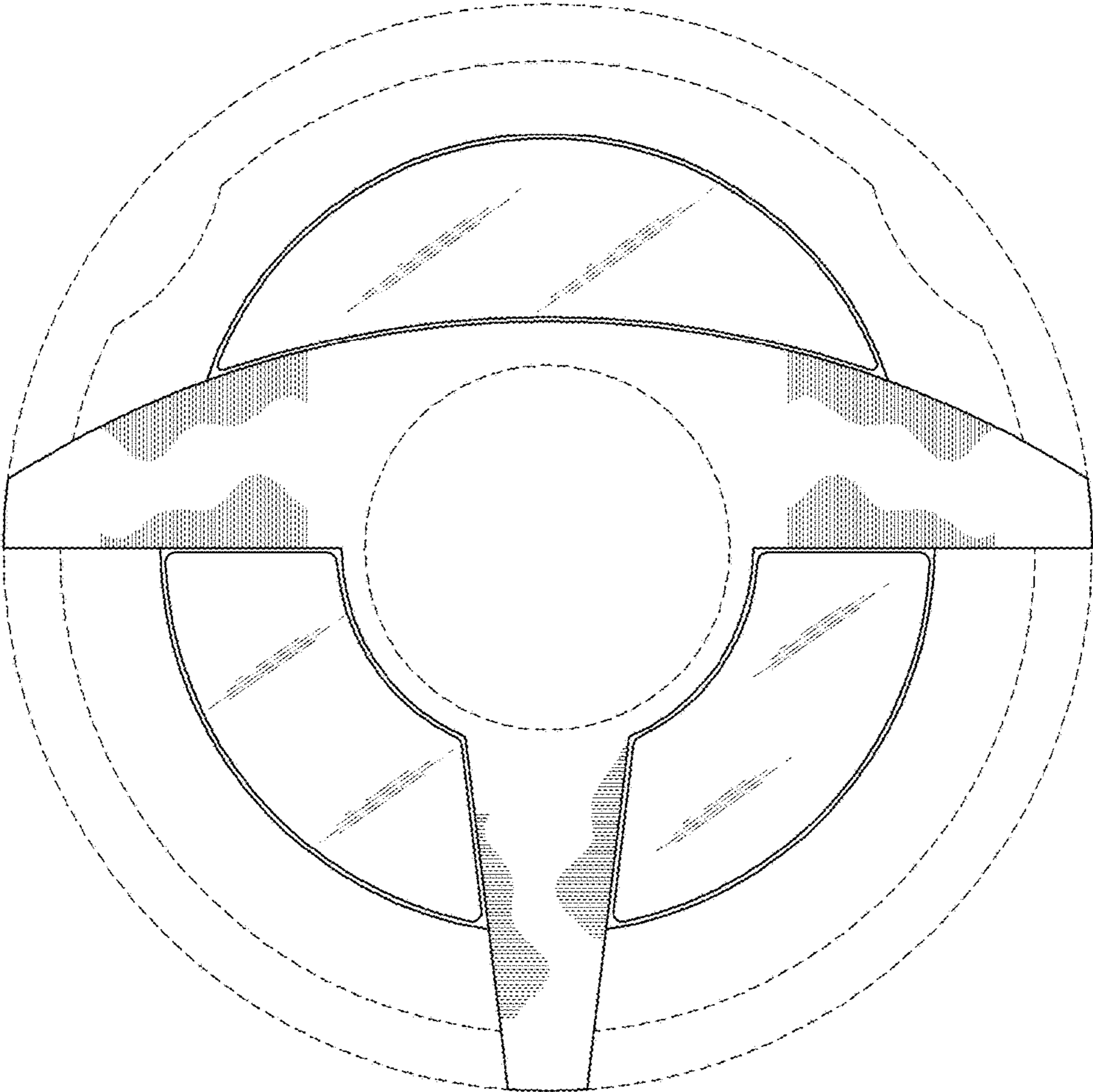


FIG. 3

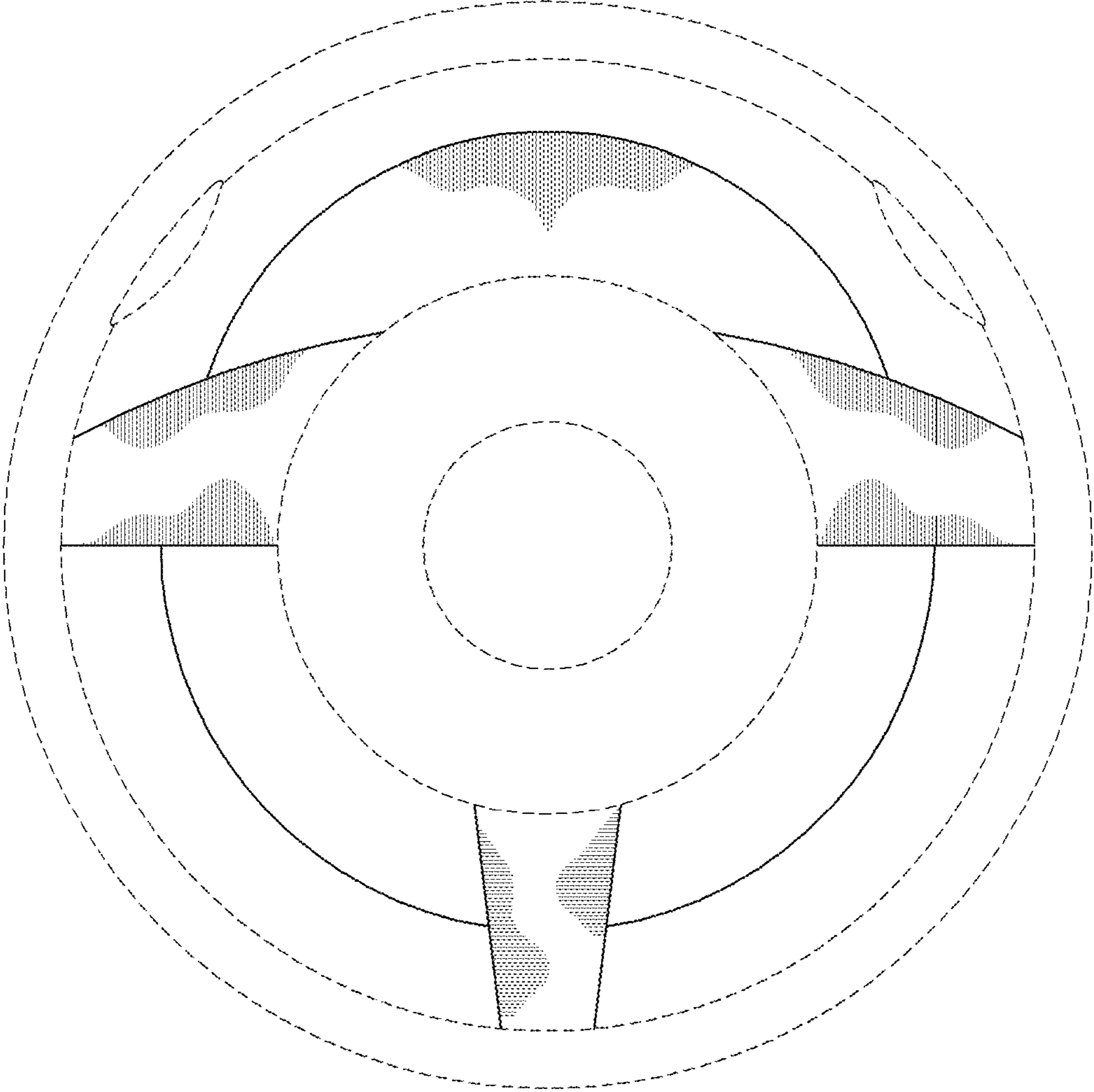


FIG. 4

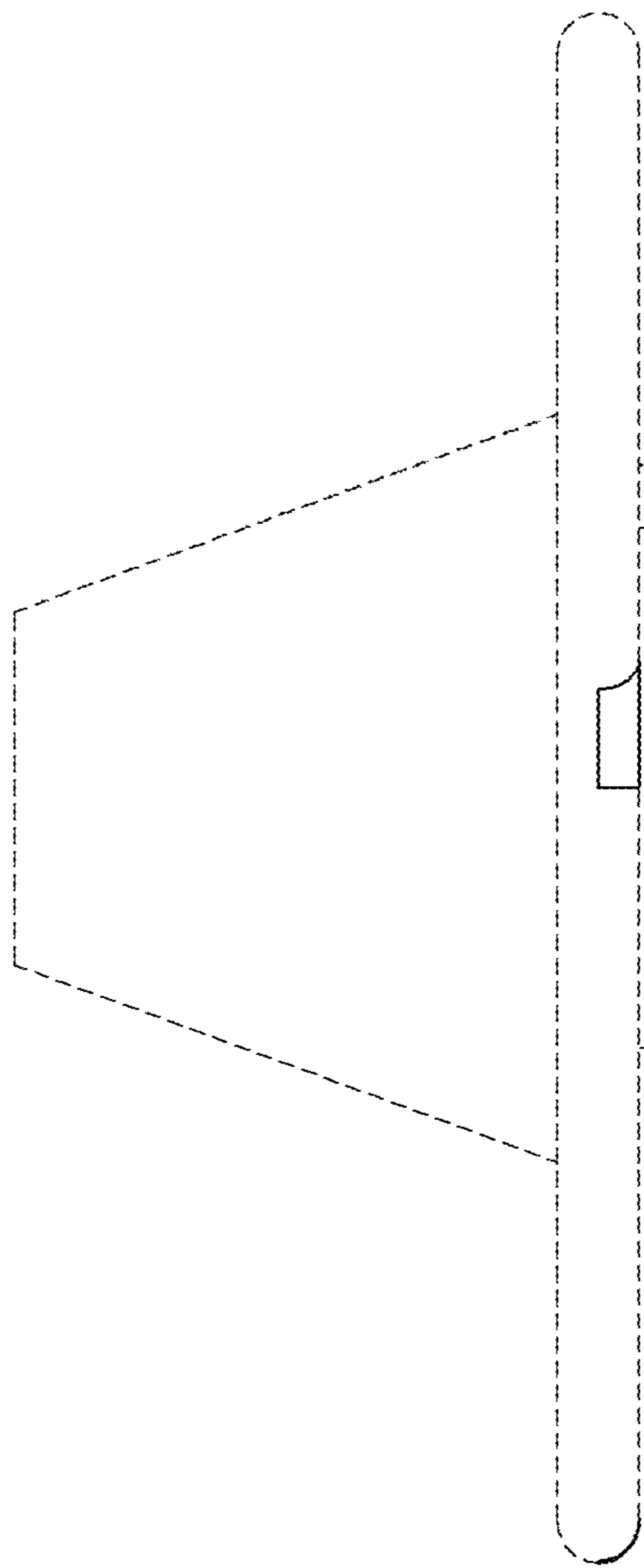


FIG. 5

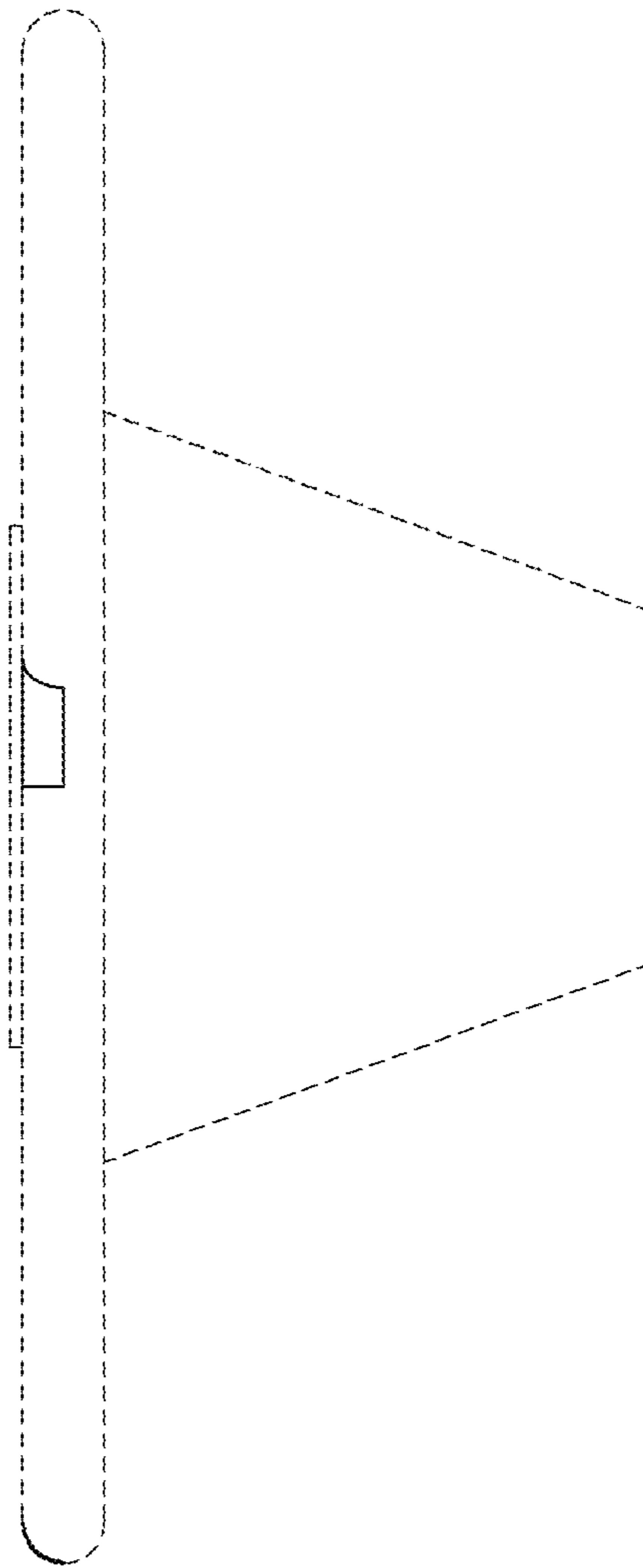


FIG. 6

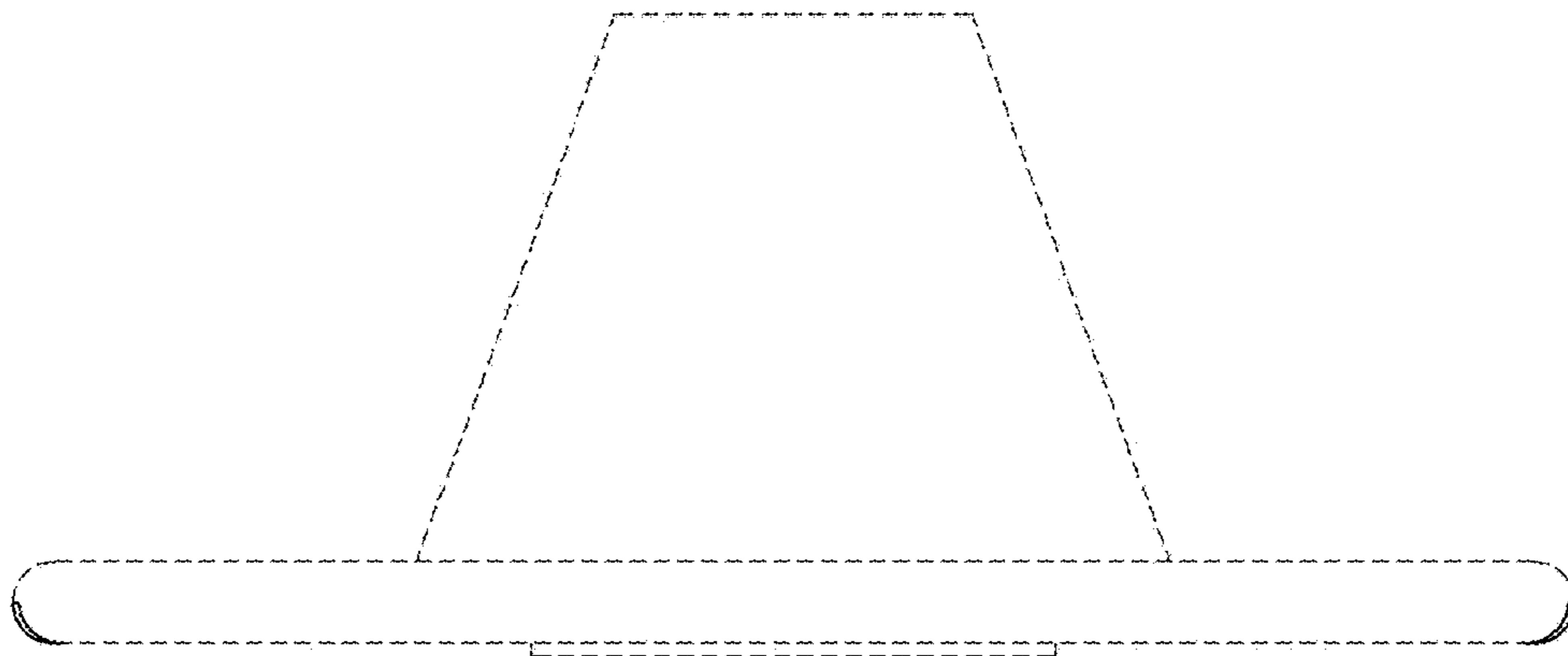


FIG. 7

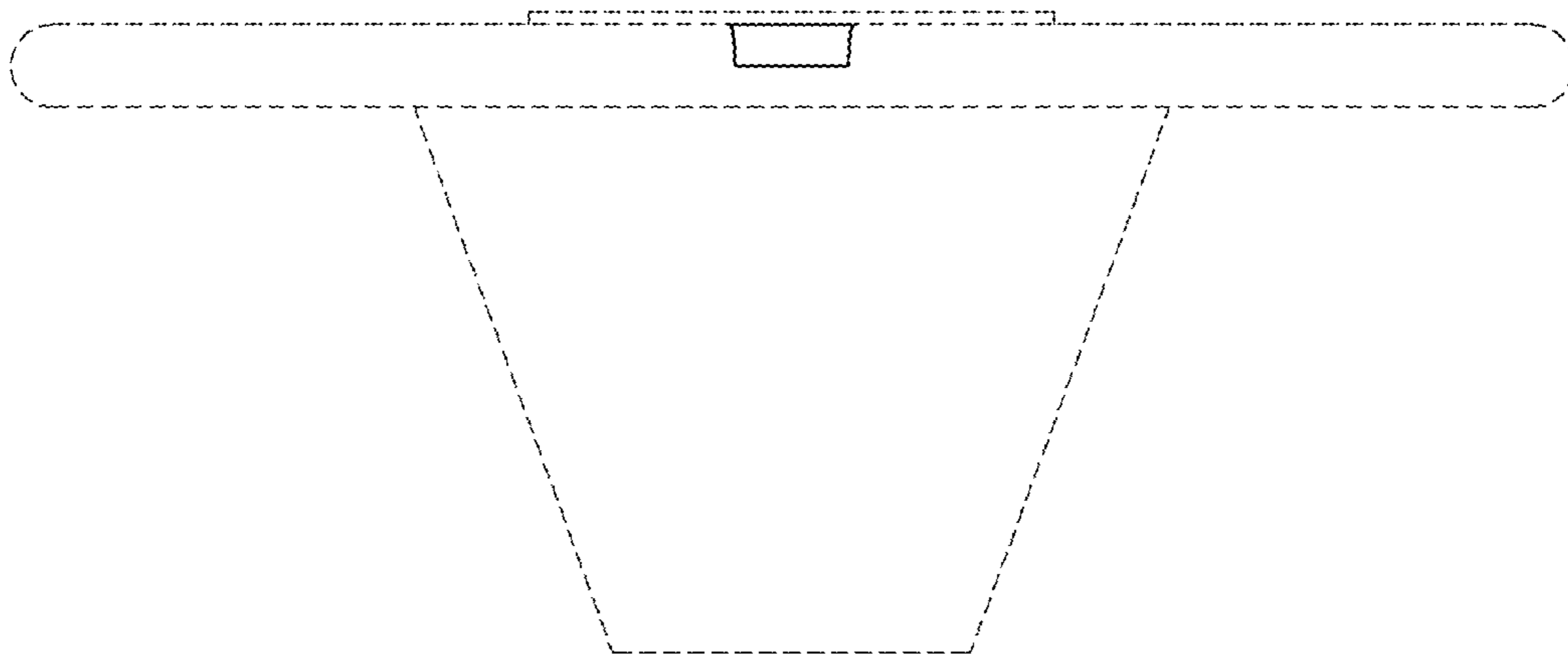


FIG. 8

