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(12) **United States Design Patent** (10) **Patent No.:** **US D835,028 S**
Ahn et al. (45) **Date of Patent:** **** Dec. 4, 2018**

- (54) **ROOF SENSOR HOUSING**
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- (73) Assignee: **Waymo LLC**, Mountain View, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/602,101**
- (22) Filed: **Apr. 28, 2017**
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/413**
- (58) **Field of Classification Search**
USPC D12/184, 190, 412, 406, 414, 169, 167, D12/400, 413
CPC ... B60R 11/04; B60R 21/0134; G01S 17/936; B62D 25/06; B60S 1/185; B60Q 9/007; B60Q 9/56
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D328,436 S *	8/1992	Fuerst	D10/46
5,945,907 A *	8/1999	Yaron	B60Q 9/007 340/435
D478,518 S	8/2003	Porter	
D525,888 S	8/2006	Porter	
7,517,099 B2	4/2009	Hannah	
D717,720 S *	11/2014	Marino	D12/413
D739,336 S *	9/2015	Berrey	D12/413
9,725,060 B1 *	8/2017	Daniel	B62D 21/15
9,862,311 B2	1/2018	Kiriyama et al.	

D822,580 S *	7/2018	Eriksson	D12/413
2016/0011594 A1 *	1/2016	Chung	G05D 1/0231 701/28
2017/0151933 A1 *	6/2017	Doorley	B60S 1/56
2017/0293016 A1 *	10/2017	McCloskey	G01S 7/023
2017/0300060 A1 *	10/2017	Crawley	G05D 1/0248
2017/0343654 A1 *	11/2017	Valois	G01S 7/497
2018/0011173 A1 *	1/2018	Newman	G01S 7/4816
2018/0015886 A1 *	1/2018	Frank	B60R 11/04
2018/0017680 A1 *	1/2018	Pennecot	G01S 17/936

(Continued)

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(57) **CLAIM**

The ornamental design for a roof sensor housing, as shown and described.

DESCRIPTION

The present application is related to copending application Ser. No. 29/602,117, entitled Fender Sensor Housing, to application Ser. No. 29/602,110, entitled Rear Sensor Housing, and to application Ser. No. 29/602,112, entitled Front and Rear Sensor Housing, each of which is filed concurrently herewith, the entire disclosures of which are incorporated by reference herein.

FIG. 1 is a front perspective view of a roof sensor housing according to our design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a right side elevation view thereof;

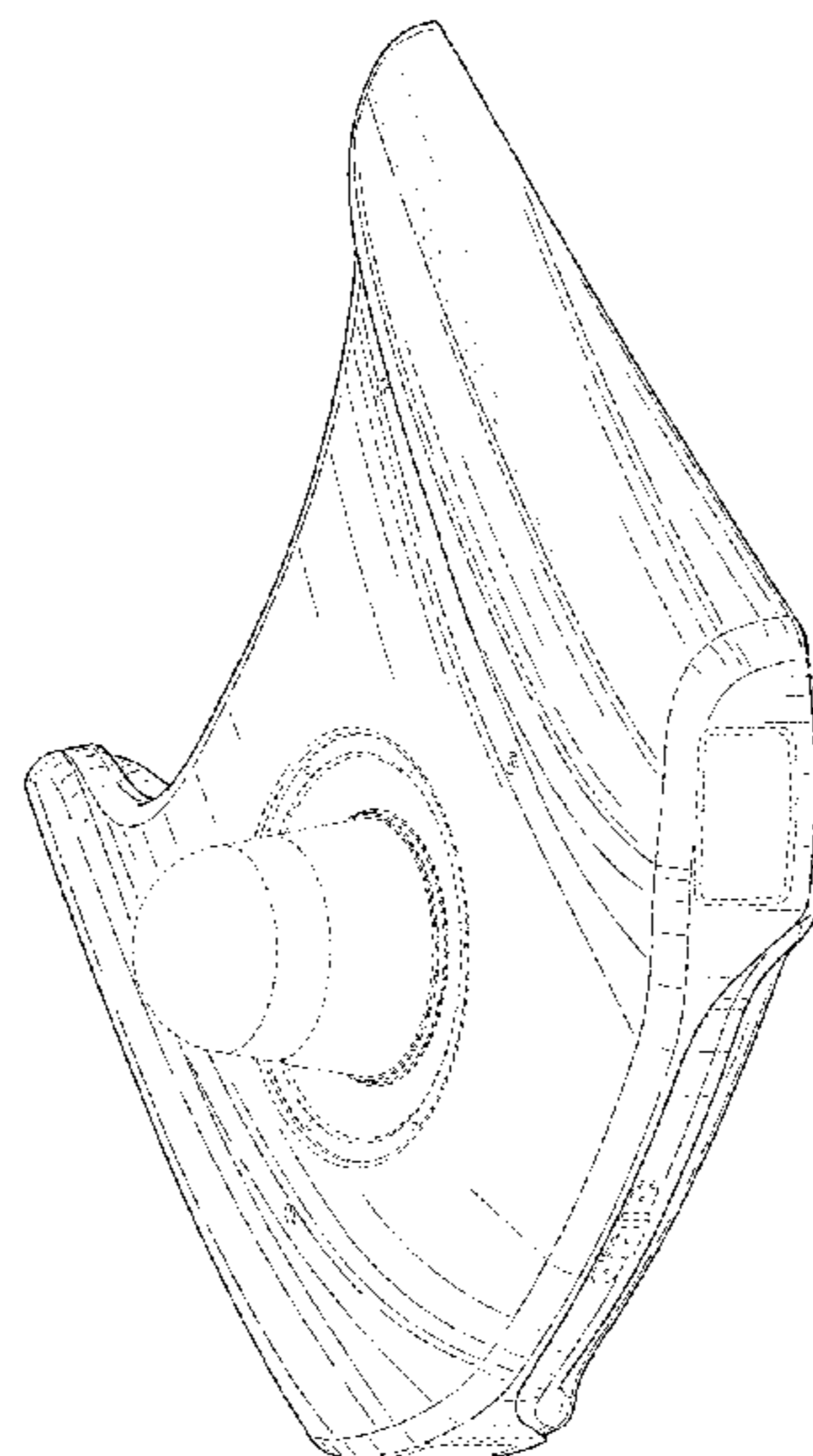
FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines and all areas within the broken lines that do not have surface shading, illustrate portions of the roof sensor housing that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2018/0037268 A1* 2/2018 Moore B62D 25/06
2018/0086280 A1* 3/2018 Nguyen B60R 11/00

* cited by examiner

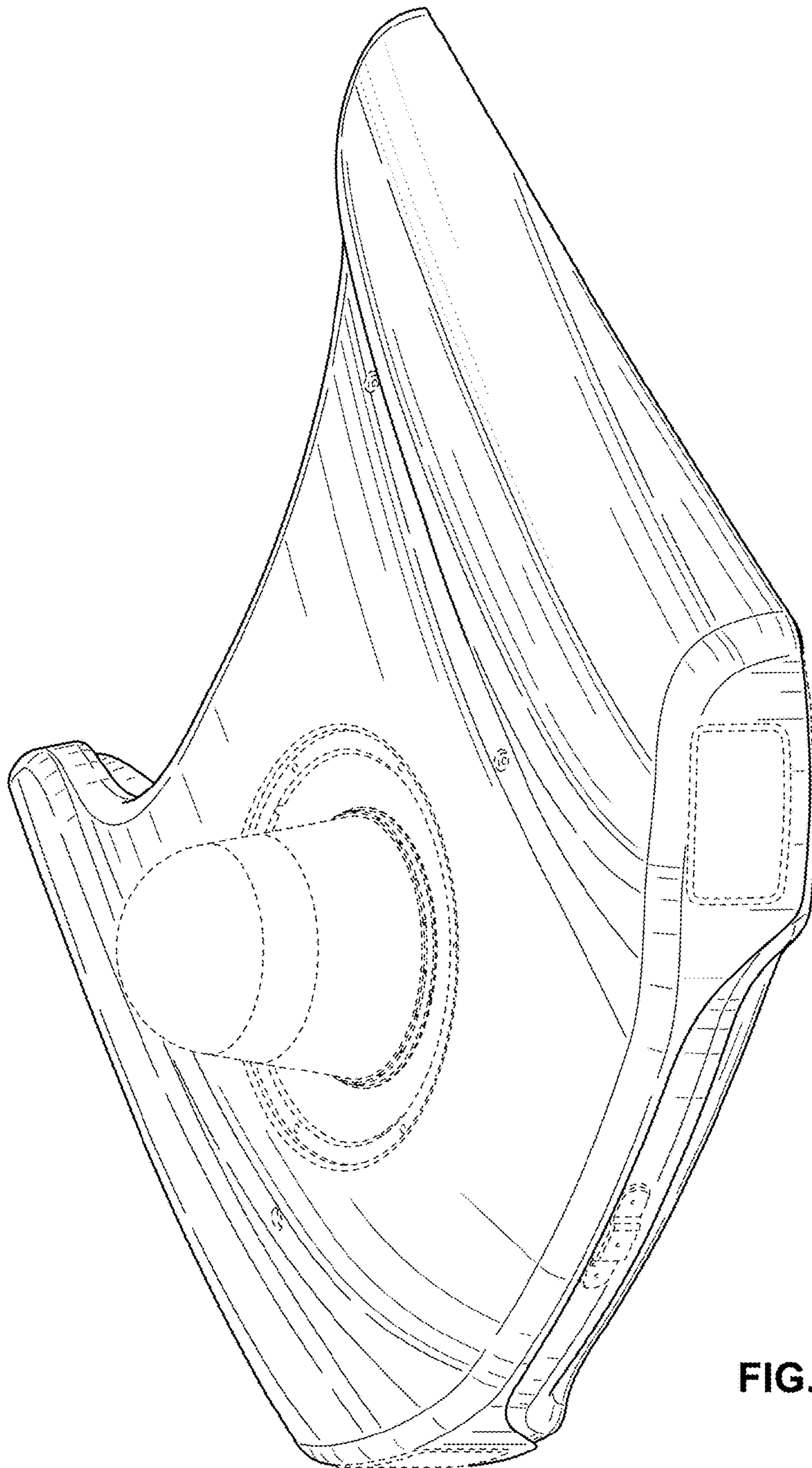


FIG. 1

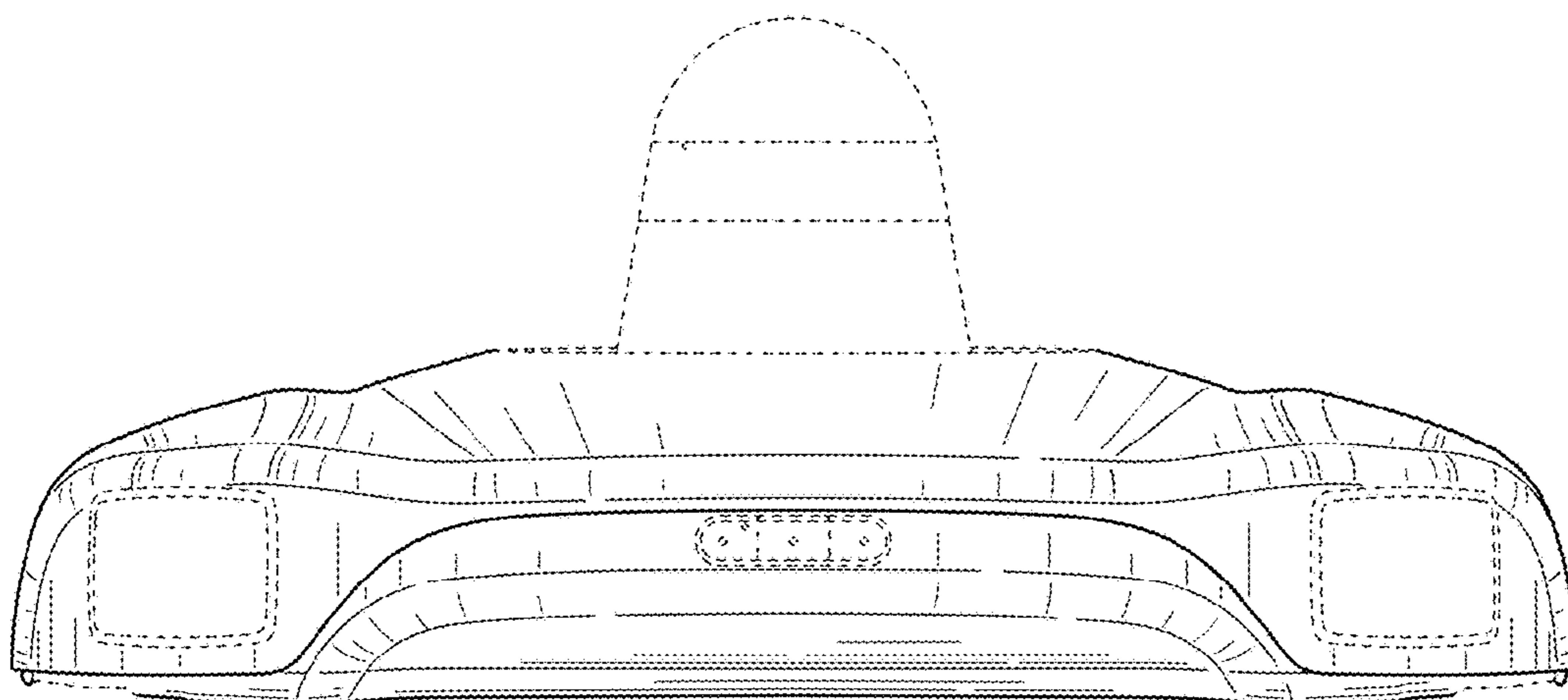


FIG. 2

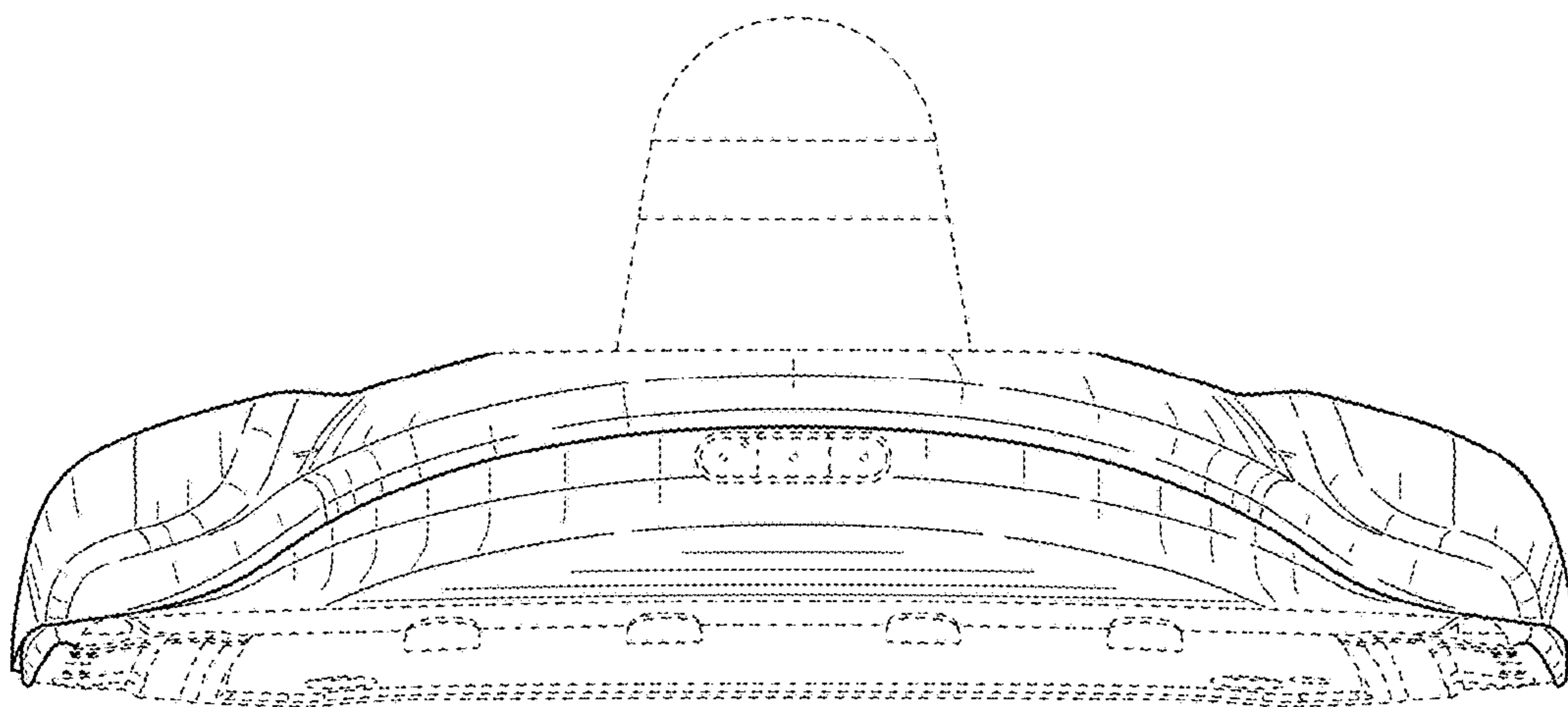


FIG. 3

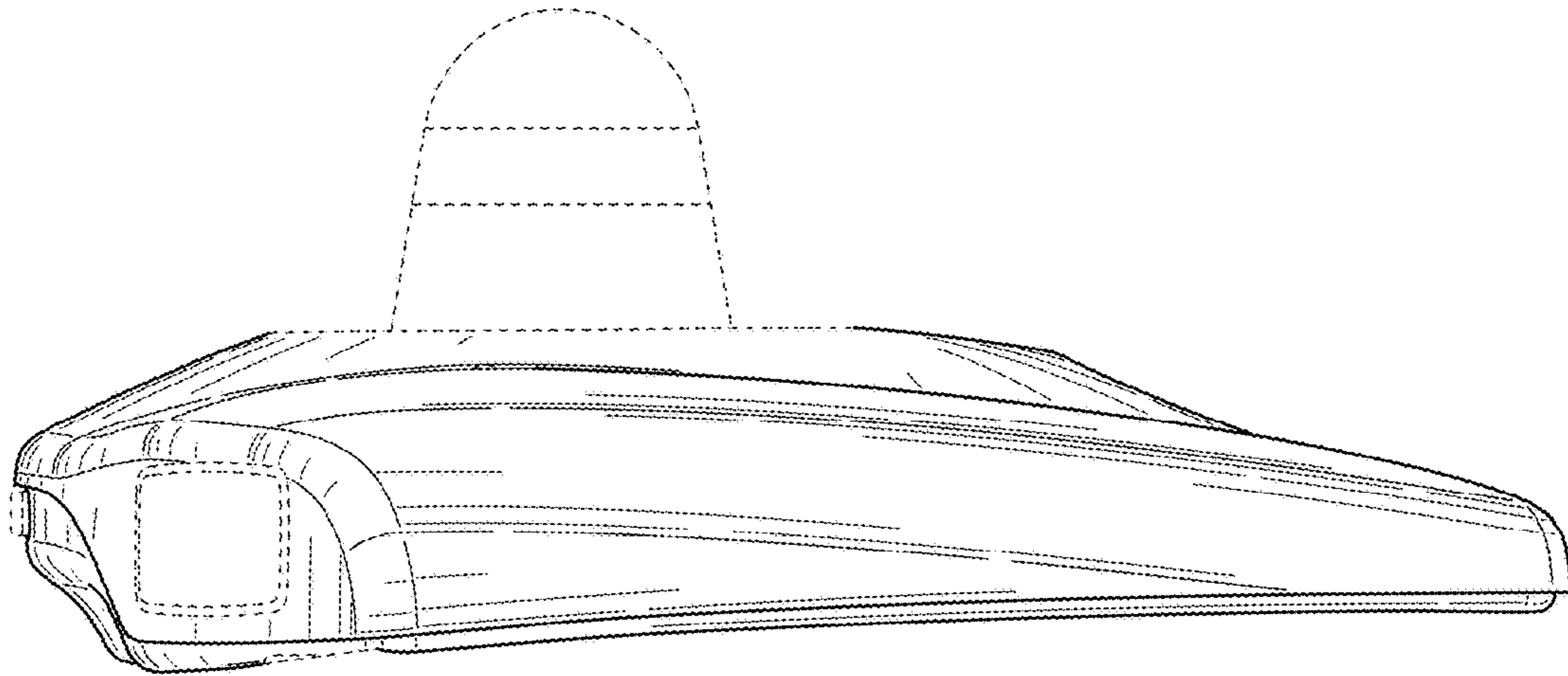


FIG. 4

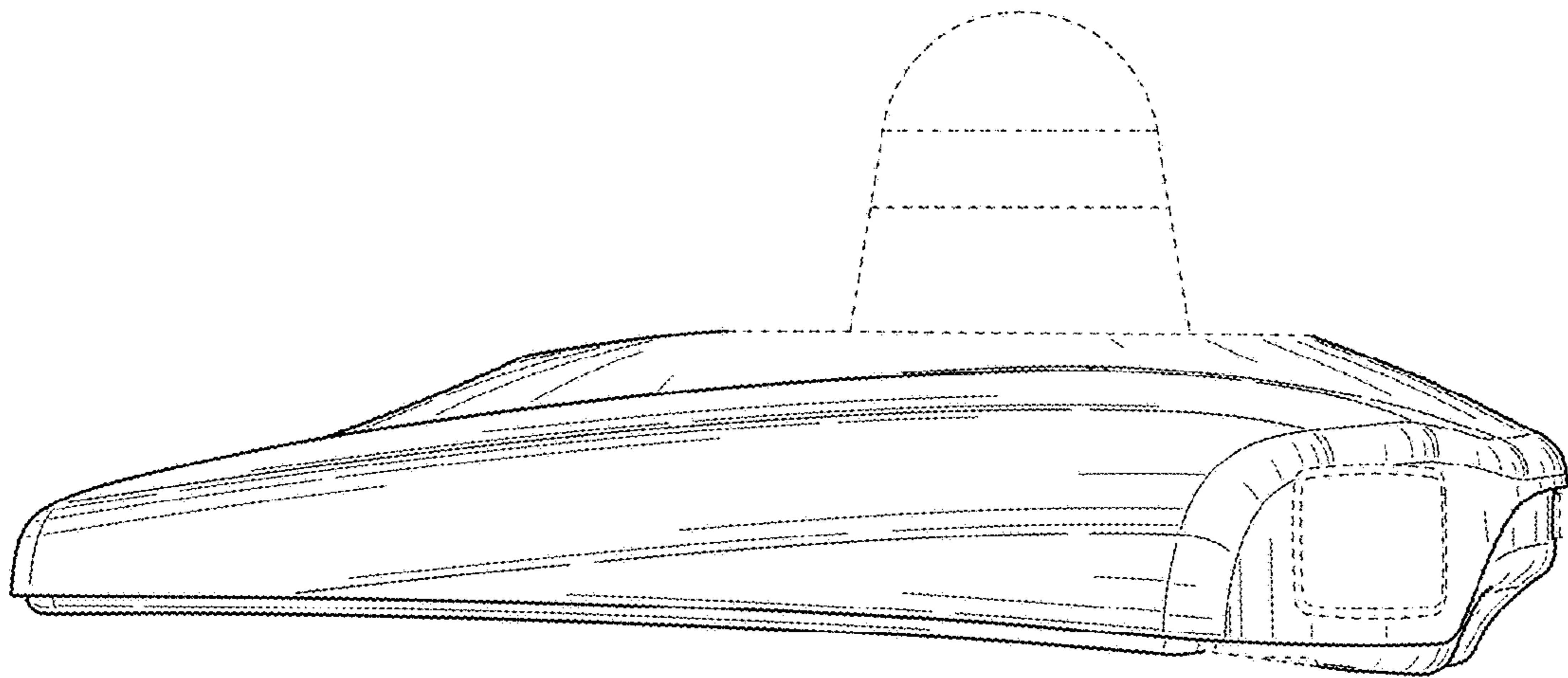


FIG. 5

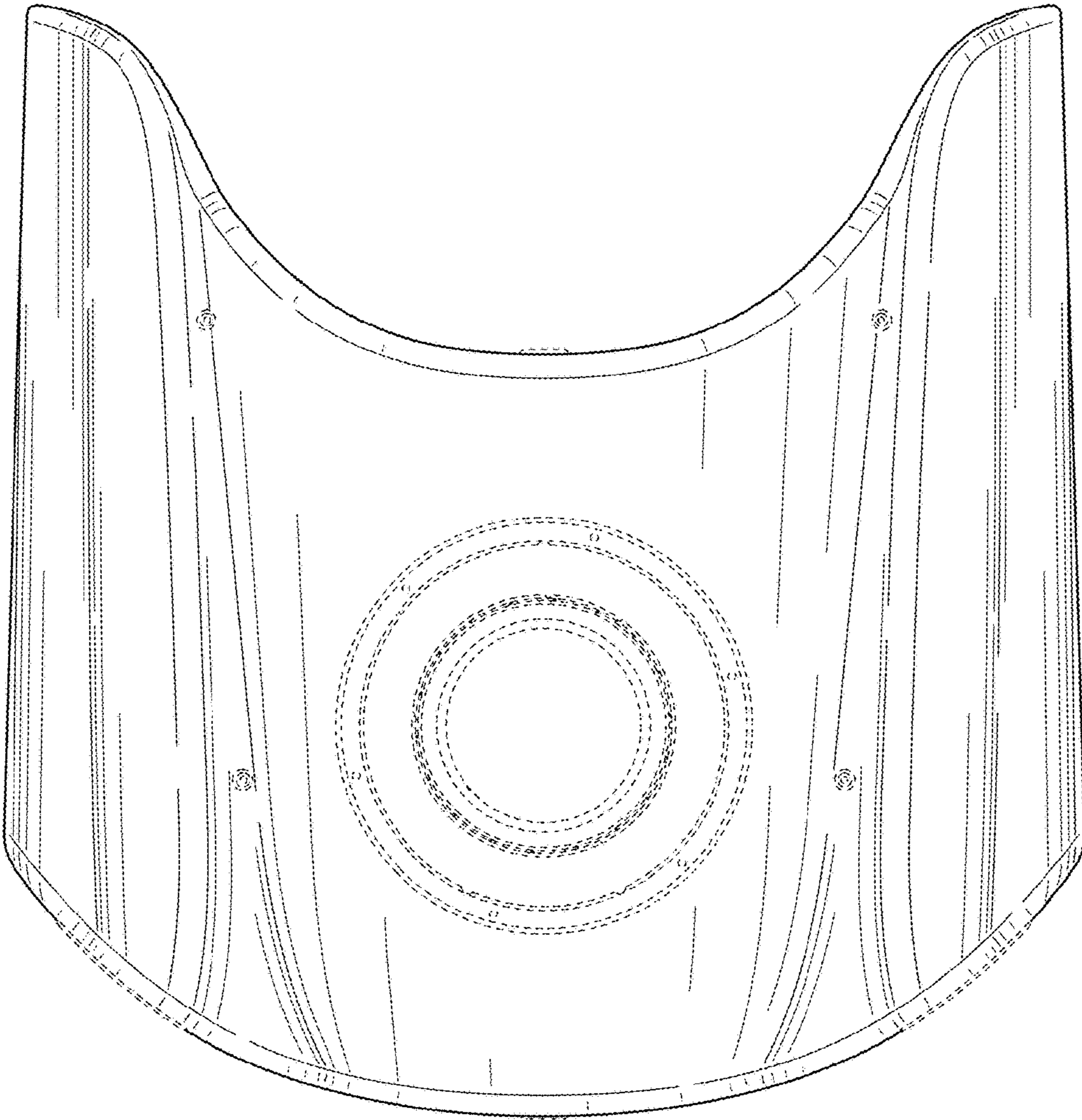


FIG. 6

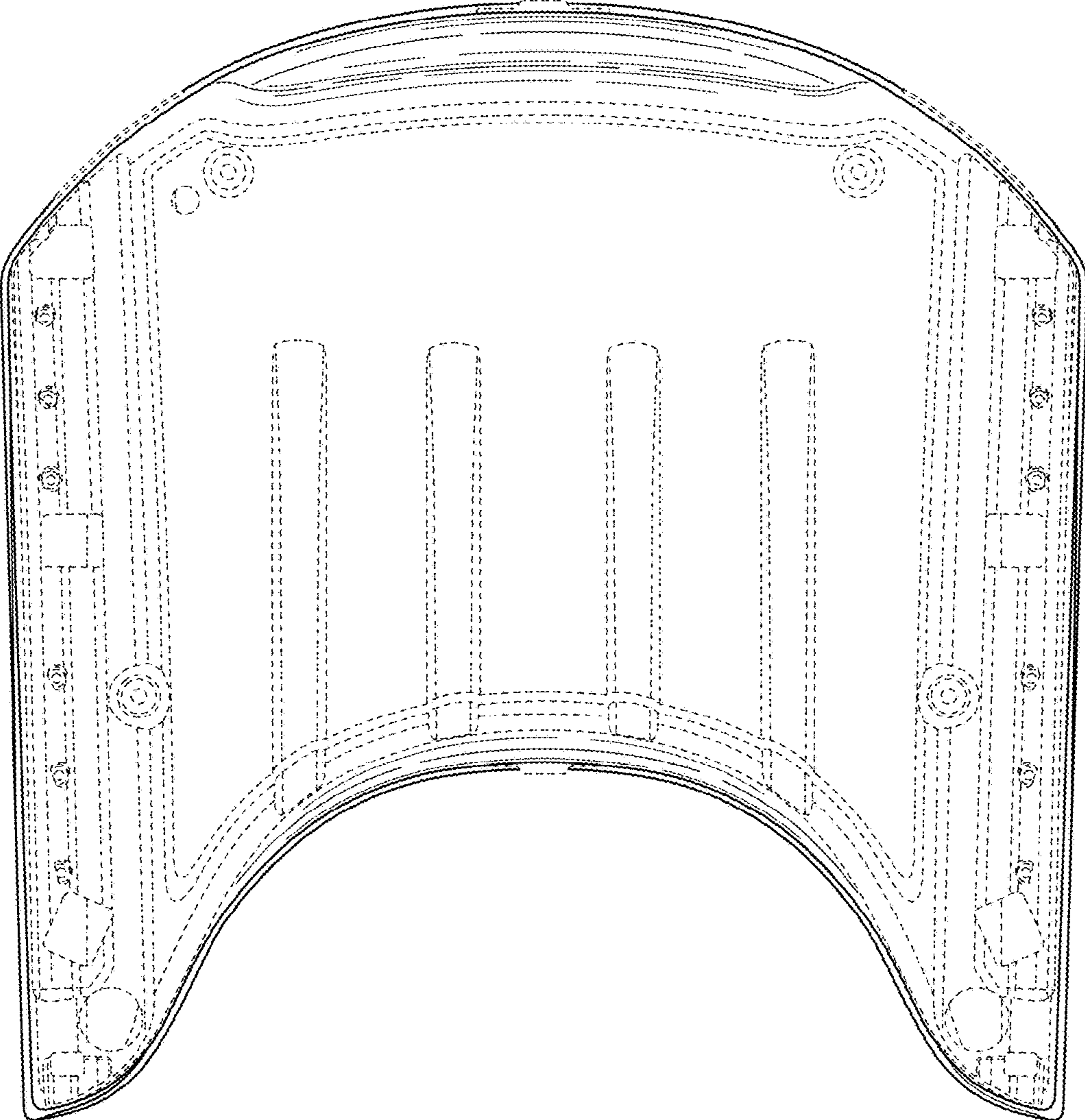


FIG. 7