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(12) United States Design Patent

Ahn et al.

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(54) **REAR SENSOR HOUSING**

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(73) Assignee: **Waymo LLC**, Mountain View, CA (US)

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

(21) Appl. No.: **29/698,437**

(22) Filed: **Jul. 17, 2019**

Related U.S. Application Data

(60) Continuation of application No. 29/656,372, filed on Jul. 12, 2018, now Pat. No. Des. 860,013, which is a division of application No. 29/602,112, filed on Apr. 28, 2017, now Pat. No. Des. 834,971.

(51) **LOC (12) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/70**; D12/190; D12/197

(58) **Field of Classification Search**
USPC D10/70; D12/190, 197
CPC .. B60Q 1/0017; B60Q 1/0023; B60Q 1/0029; B60Q 1/0035; B60Q 1/0041; B60Q 1/26; B60Q 1/2603; B60Q 1/2607; B60Q 1/2611; B60Q 9/002; B60Q 9/003; B60Q 9/004; B60Q 9/006; B60Q 9/007; B60Q 9/008; B60R 1/10; B60R 1/12; B60R 2001/1284
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D328,436	S	8/1992	Fuerst et al.
5,945,907	A	8/1999	Yaron et al.
D478,518	S	8/2003	Porter
D525,888	S	8/2006	Porter

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

The present application is related to application Ser. No. 29/602,101 filed Apr. 28, 2017, now U.S. Design Pat. No. D835,028; to application Ser. No. 29/602,117, filed Apr. 28, 2017; to application Ser. No. 29/696,525, filed Jun. 28, 2019; and to application Ser. No. 29/602,110, filed Apr. 28, 2017, now U.S. Design Pat. No. D825,357, the entire disclosures of which are incorporated by reference herein.

FIG. **1** is a front perspective view of a rear 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;

FIG. **7** is a bottom plan view thereof;

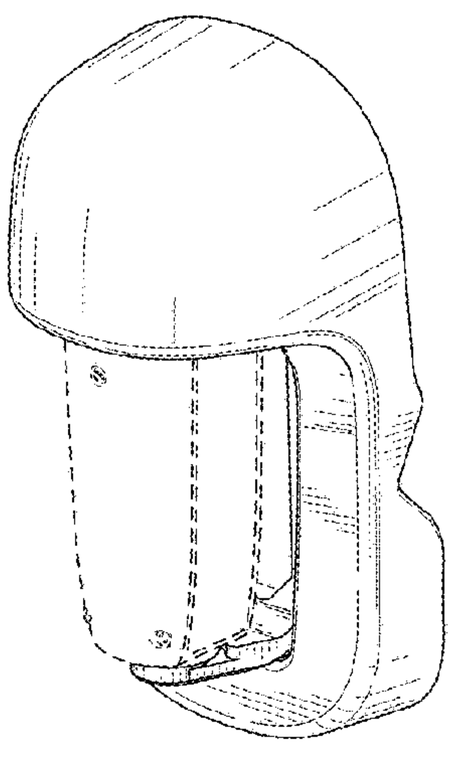
FIG. **8** is a front perspective view of the rear sensor housing positioned on a first exemplary vehicle; and,

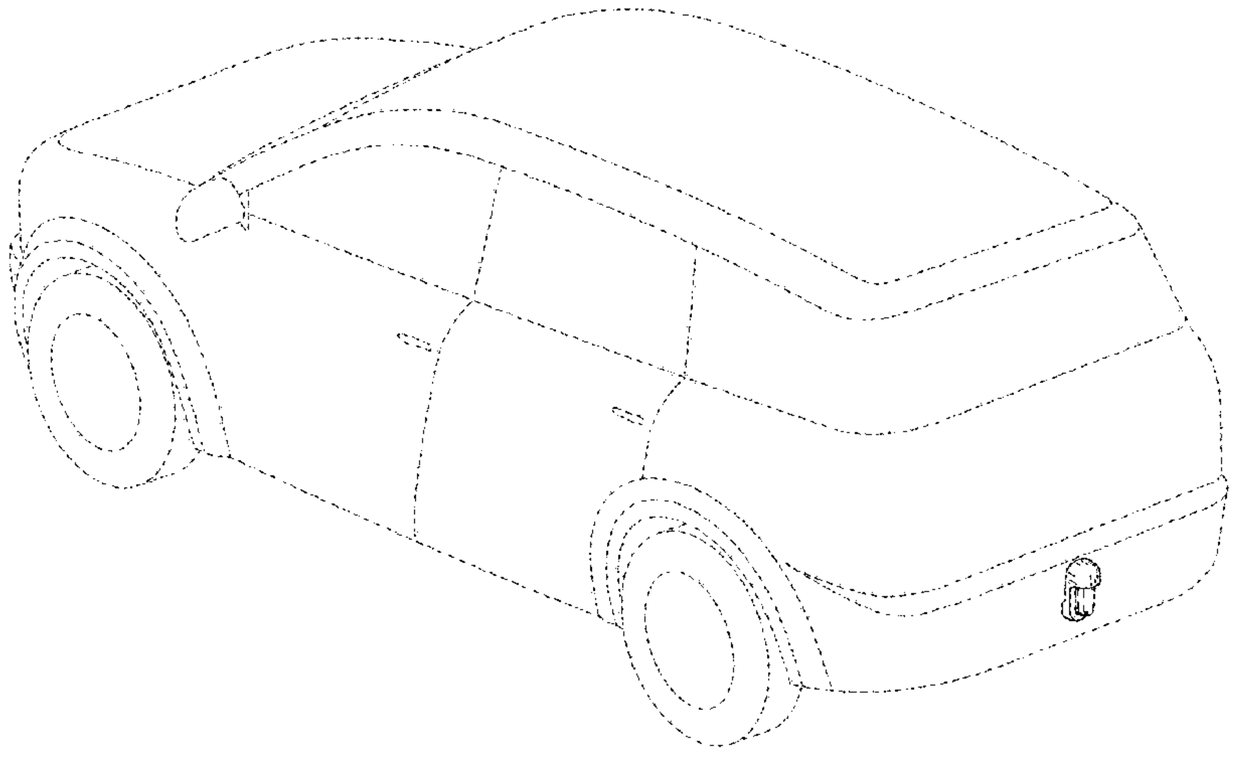
FIG. **9** is a front perspective view of the rear sensor housing positioned on a second exemplary vehicle.

The broken lines shown in FIGS. **1-7** illustrate portions of the rear sensor housing that form no part of the claimed design. The broken lines shown in FIGS. **8-9** illustrate portions of the rear sensor housing and the exemplary vehicles that form no part of the claimed design.

The specific placement of the rear sensor housing in FIGS. **8-9** on the exemplary vehicles are for illustrative purposes only.

1 Claim, 6 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

9,725,060	B1		8/2017	Daniel et al.
9,862,311	B2		1/2018	Kiriyama et al.
D825,357	S		8/2018	Ahn et al.
D826,073	S		8/2018	Alkelai et al.
D834,971	S		12/2018	Ahn et al.
D835,028	S		12/2018	Ahn et al.
D850,303	S	*	6/2019	Wang D10/70
D850,946	S	*	6/2019	Zhevelev D10/70
2016/0011594	A1		1/2016	Chung et al.
2017/0151933	A1		6/2017	Doorley et al.
2017/0293016	A1		10/2017	McCloskey et al.
2017/0300060	A1		10/2017	Crawley
2017/0343654	A1		11/2017	Valois et al.
2018/0011173	A1		1/2018	Newman
2018/0015886	A1		1/2018	Frank et al.
2018/0017680	A1		1/2018	Pennecot et al.
2018/0037268	A1		2/2018	Moore et al.
2018/0086280	A1		3/2018	Nguyen

* cited by examiner

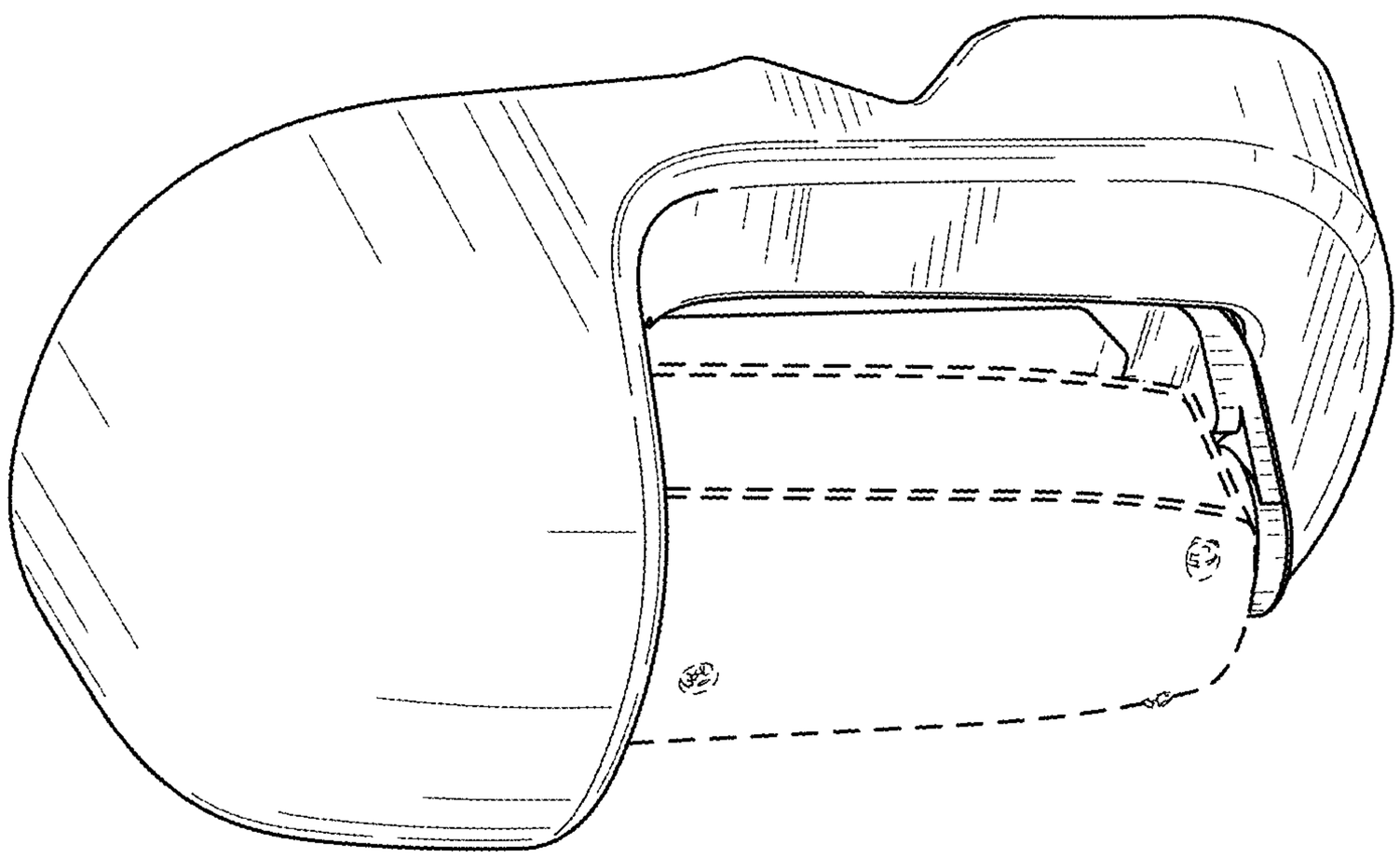


FIG. 1

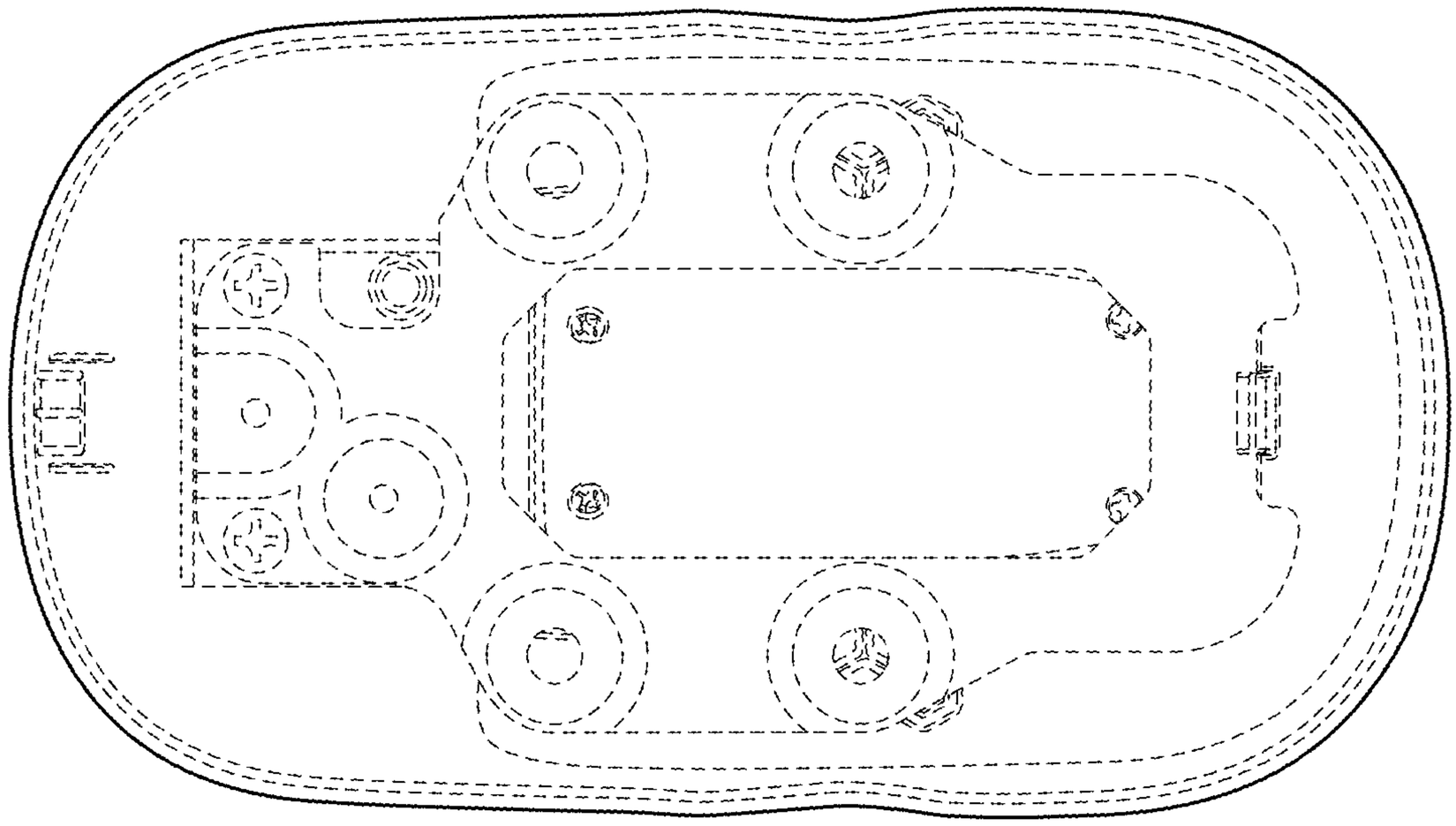


FIG. 3

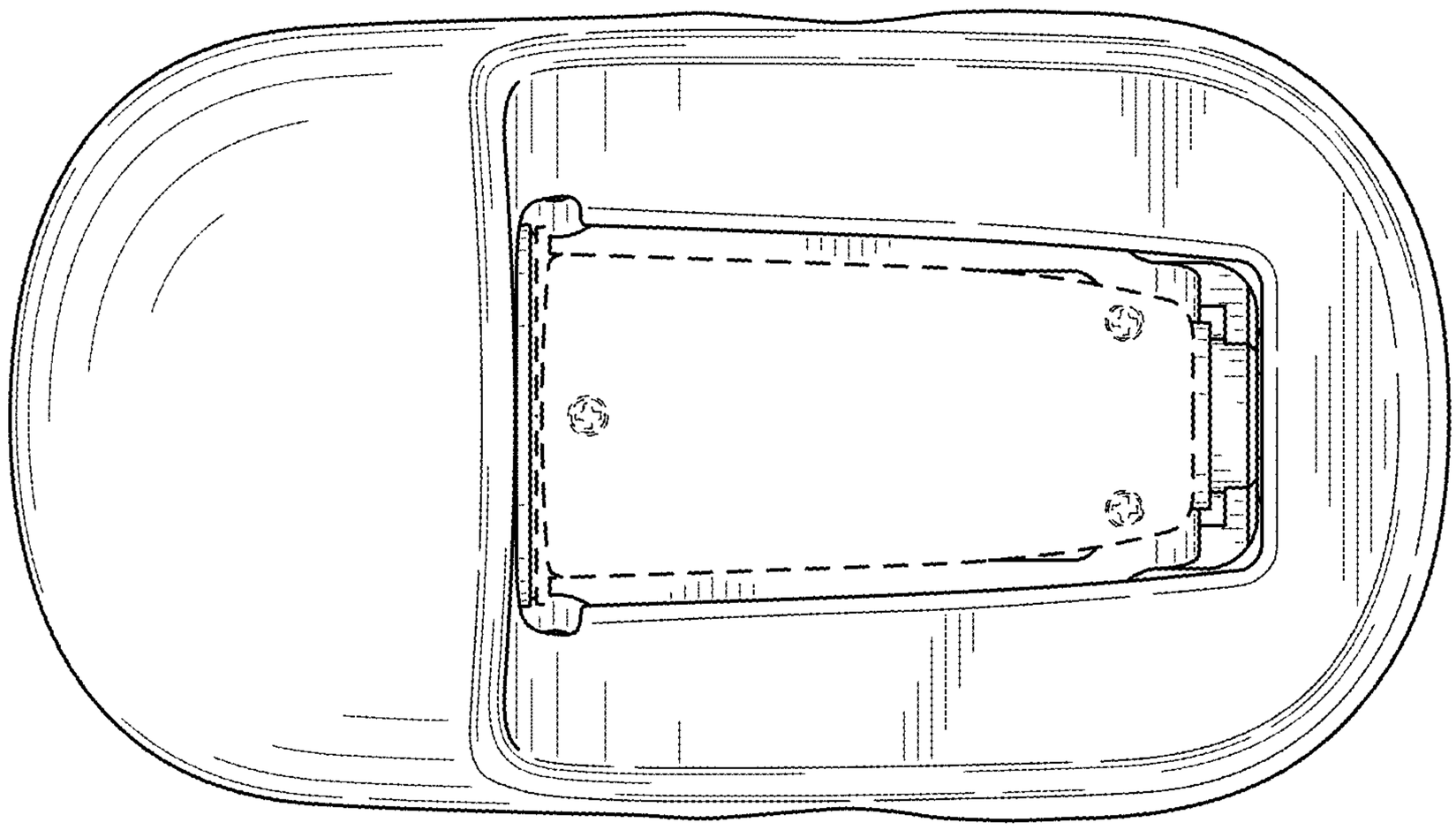


FIG. 2

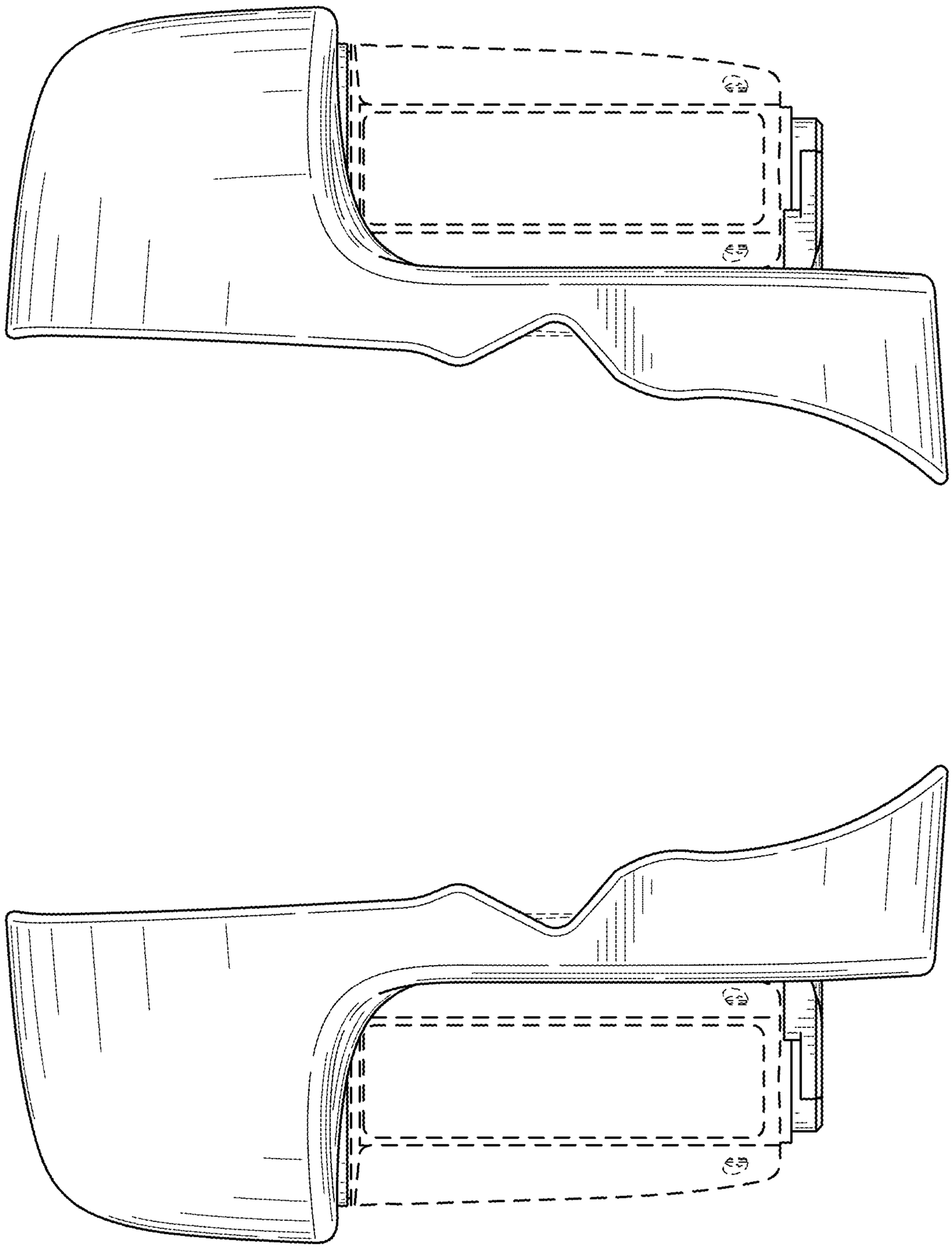


FIG. 5

FIG. 4

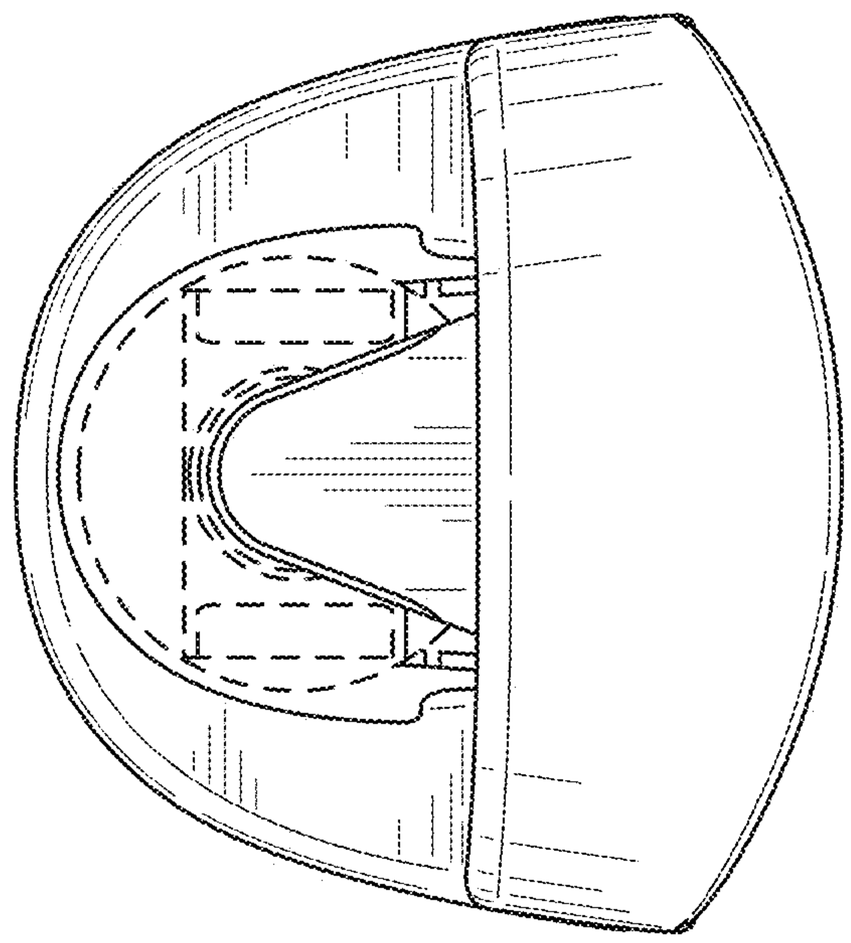


FIG. 7

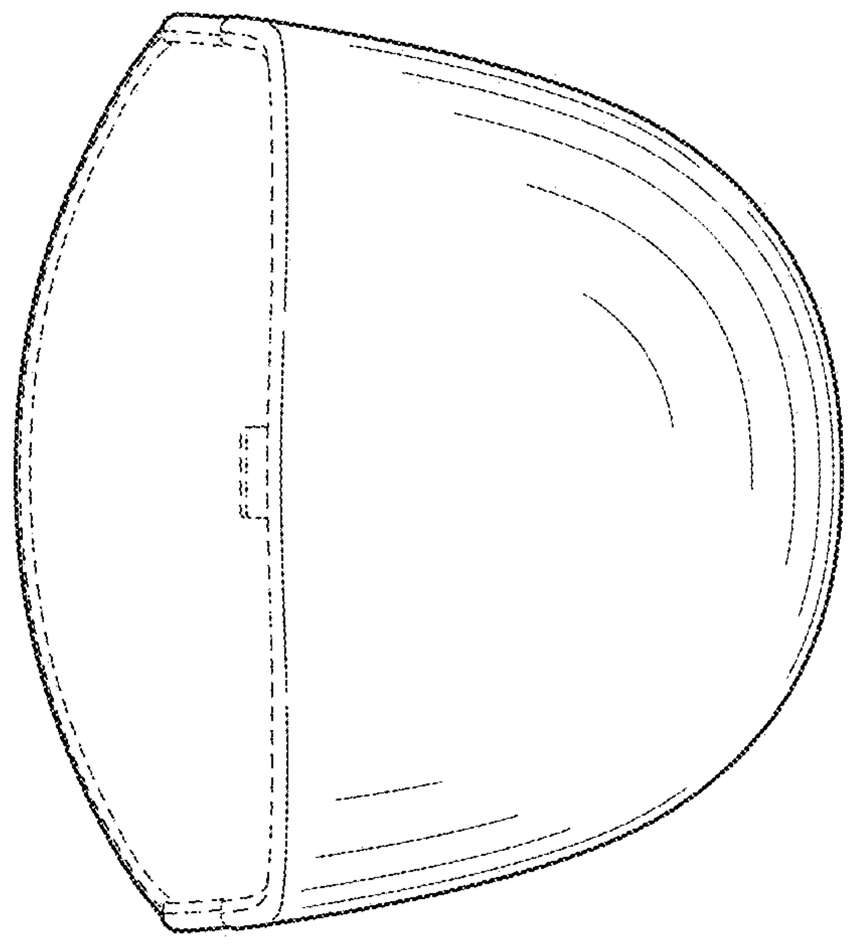


FIG. 6

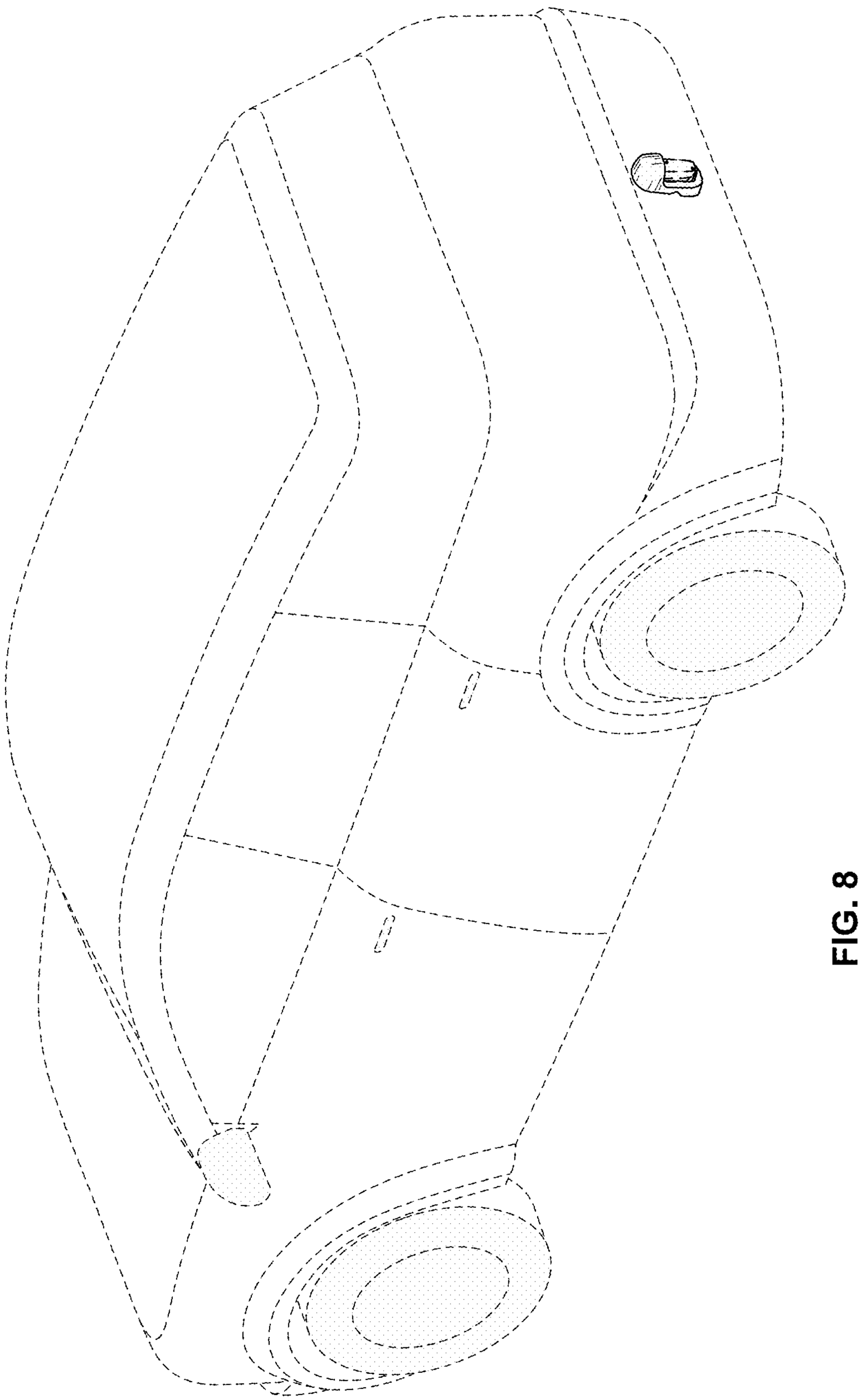


FIG. 8

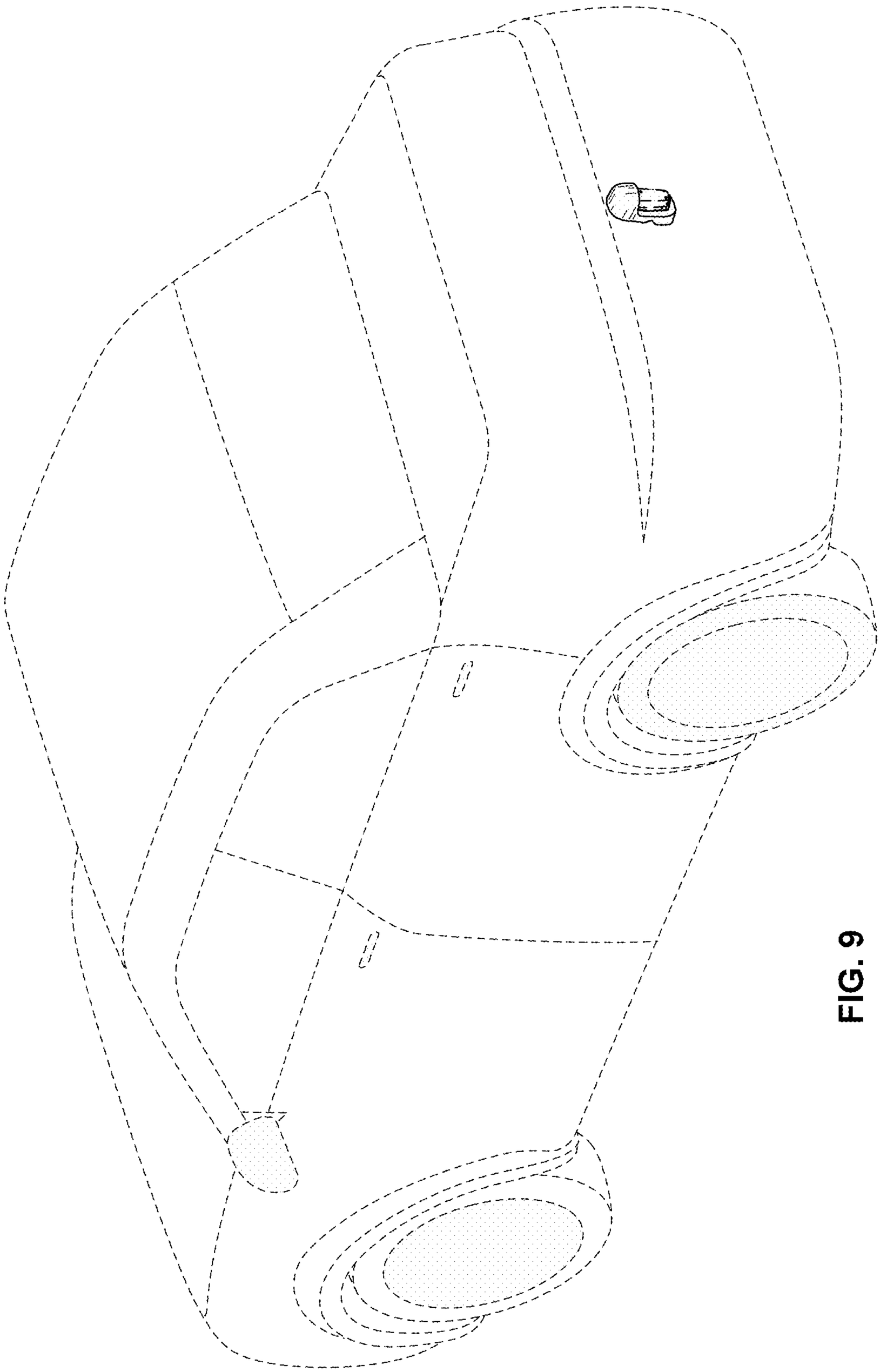


FIG. 9