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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.: **29/602,110**

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(51) **LOC (11) 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	.....	D10/46
D478,518 S *	8/2003	Porter	.....	D10/70
D525,888 S *	8/2006	Porter	.....	D10/70
7,517,099 B2 *	4/2009	Hannah	.....	B60Q 1/2665 340/463

\* cited by examiner

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(57) **CLAIM**

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

**DESCRIPTION**

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

FIG. 2 is a front perspective view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a front elevation view thereof;

FIG. 5 is a right side elevation view thereof;

FIG. 6 is a left side elevation view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front perspective view of a pair of rear sensor housings positioned on a first exemplary vehicle; and,

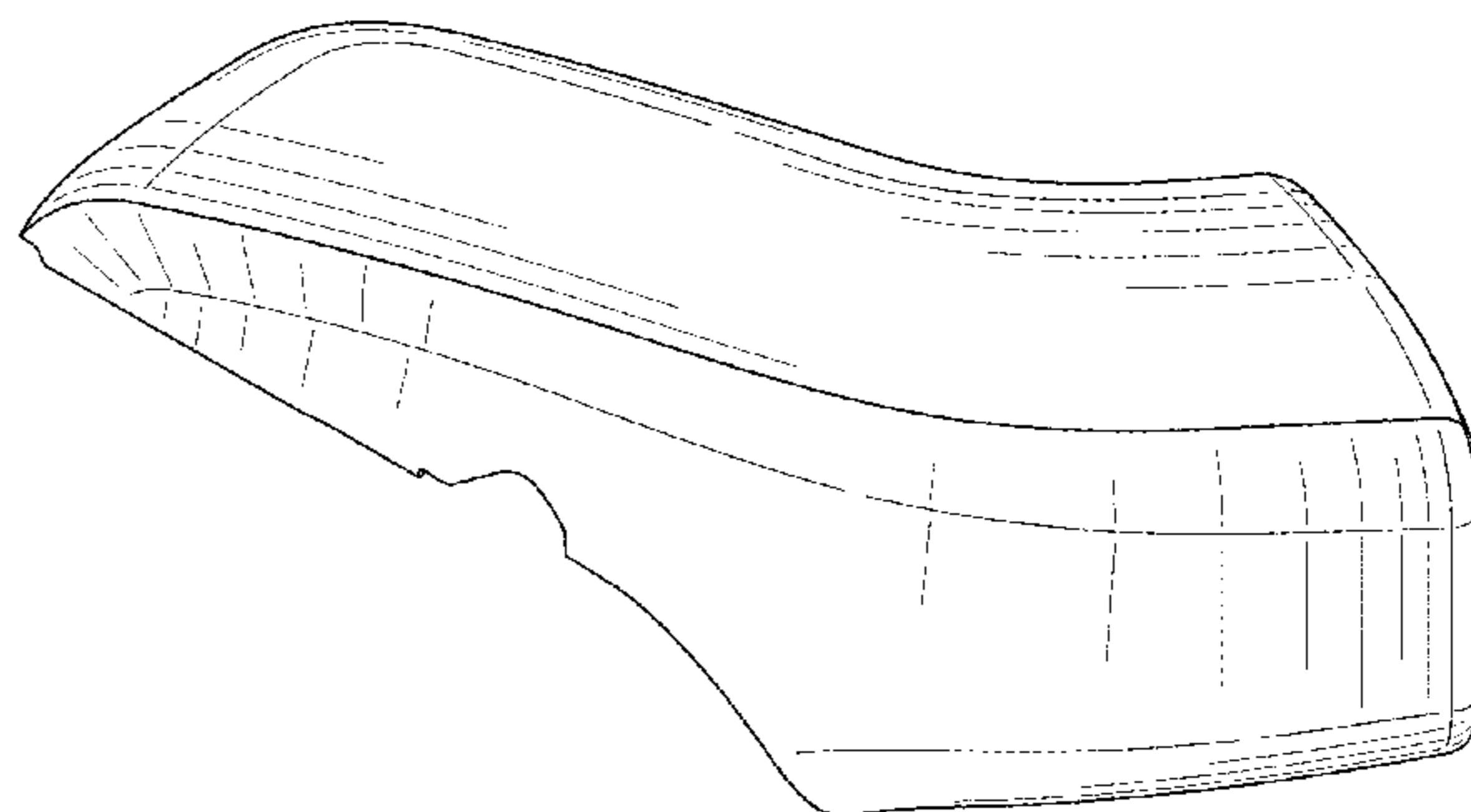
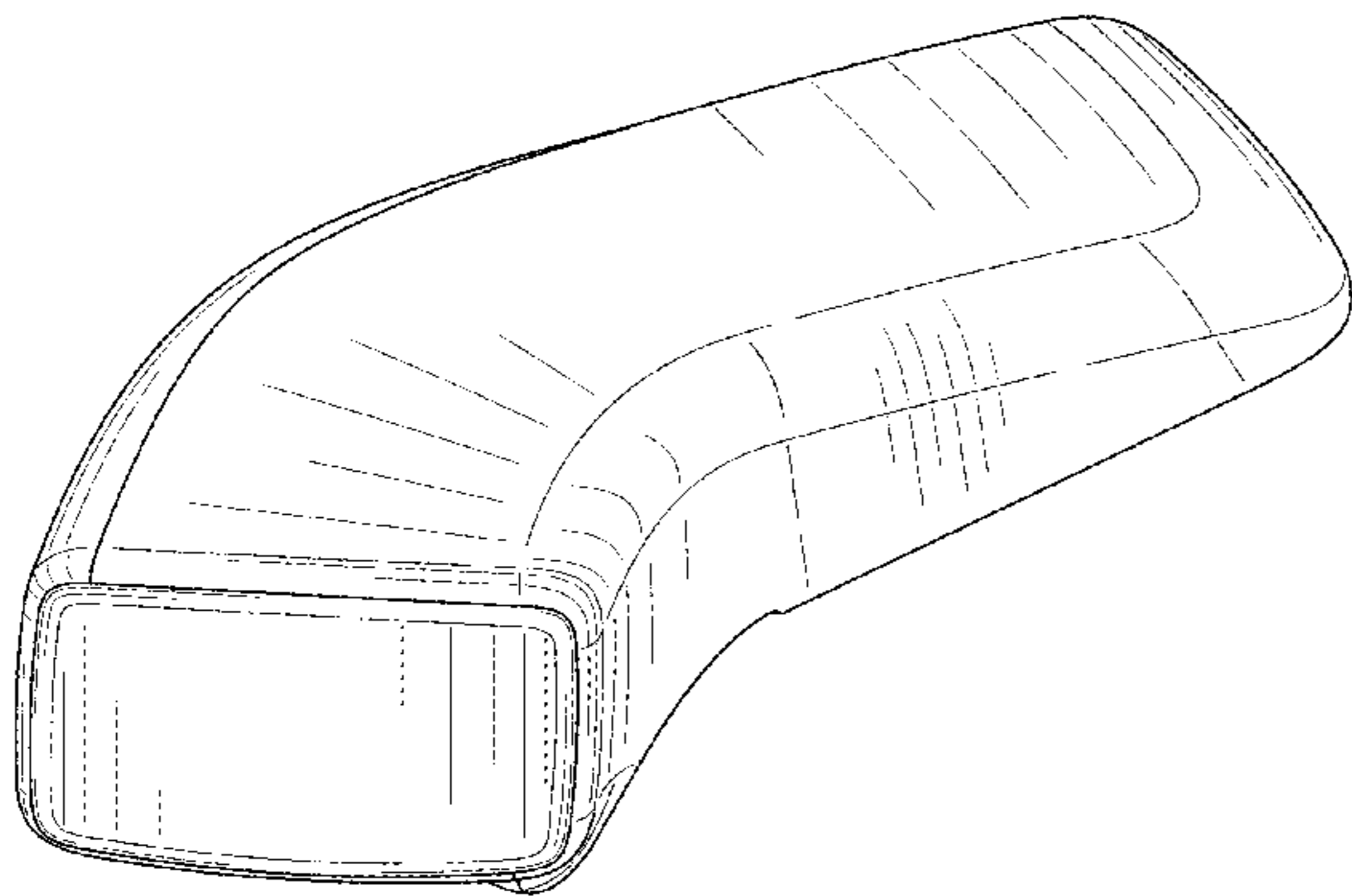
FIG. 10 is a front perspective view of a pair of rear sensor housings positioned on a second exemplary vehicle.

The broken lines shown in FIGS. 1-8 illustrate portions of the rear sensor housing that form no part of the claimed design. The broken lines shown in FIGS. 9 and 10 illustrate the exemplary vehicles, which form no part of the claimed design.

FIGS. 1-8 illustrate the rear sensor housing for use on a first side of a vehicle in a first embodiment. A second embodiment of the rear sensor housing is a mirror image of the first embodiment shown in FIGS. 1-8. The second embodiment is arranged for use on a second, opposite side of the vehicle.

These mirror image arrangements are presented in the exemplary perspective views of FIGS. 9 and 10. The specific placement of the rear sensor housing in FIGS. 9-10 on the exemplary vehicles is for illustrative purposes only.

**1 Claim, 7 Drawing Sheets**



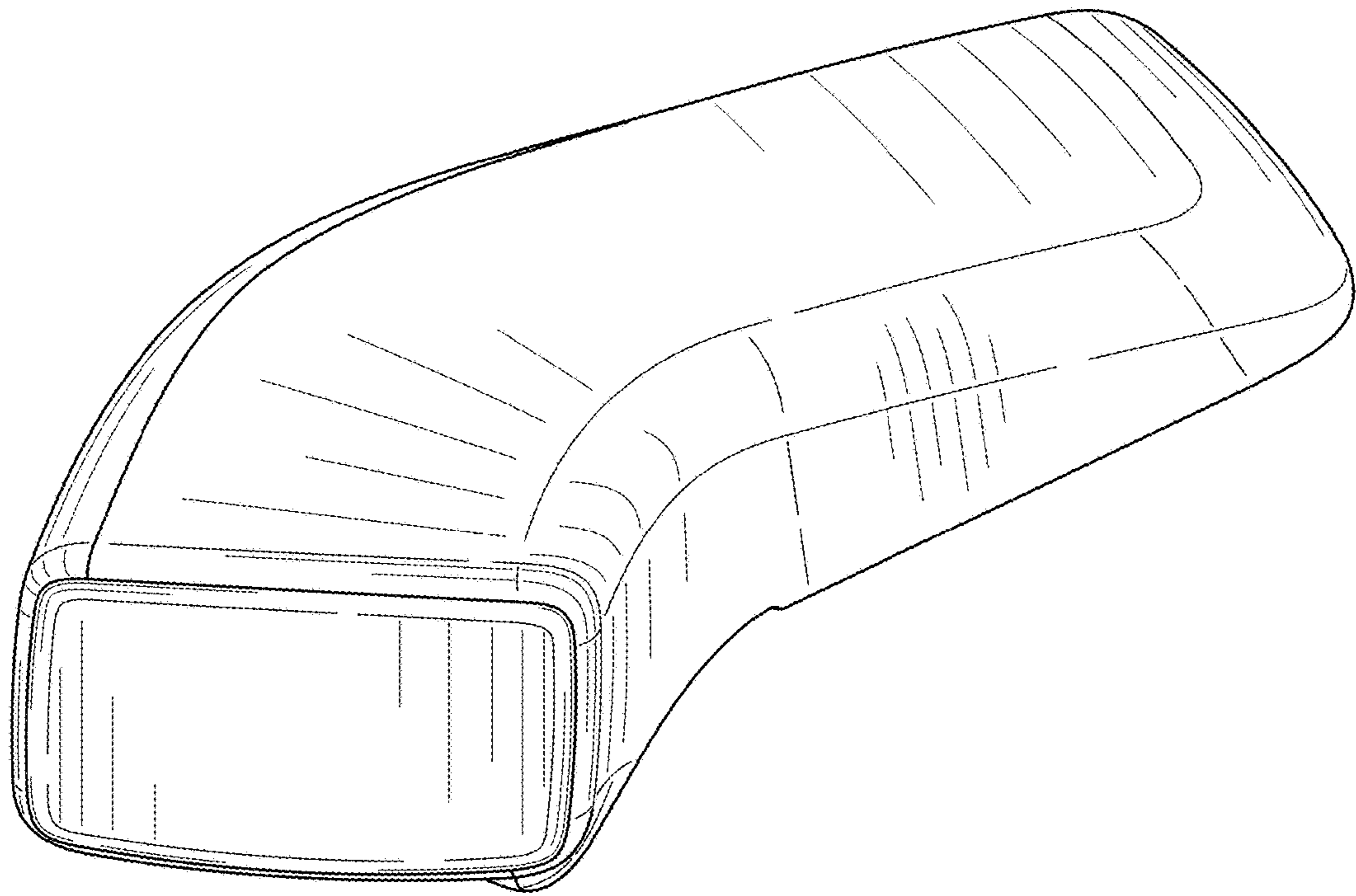


FIG. 1

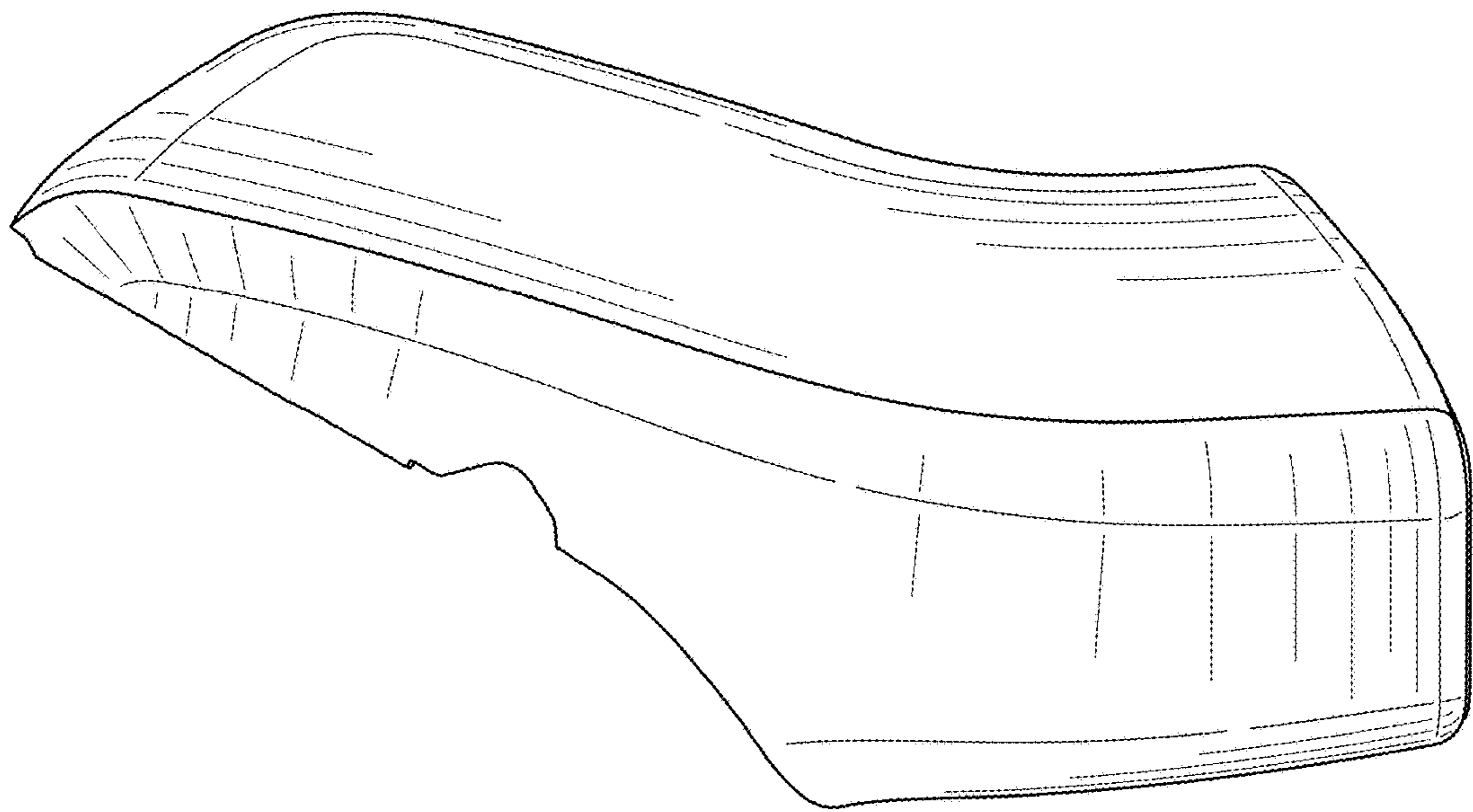


FIG. 2

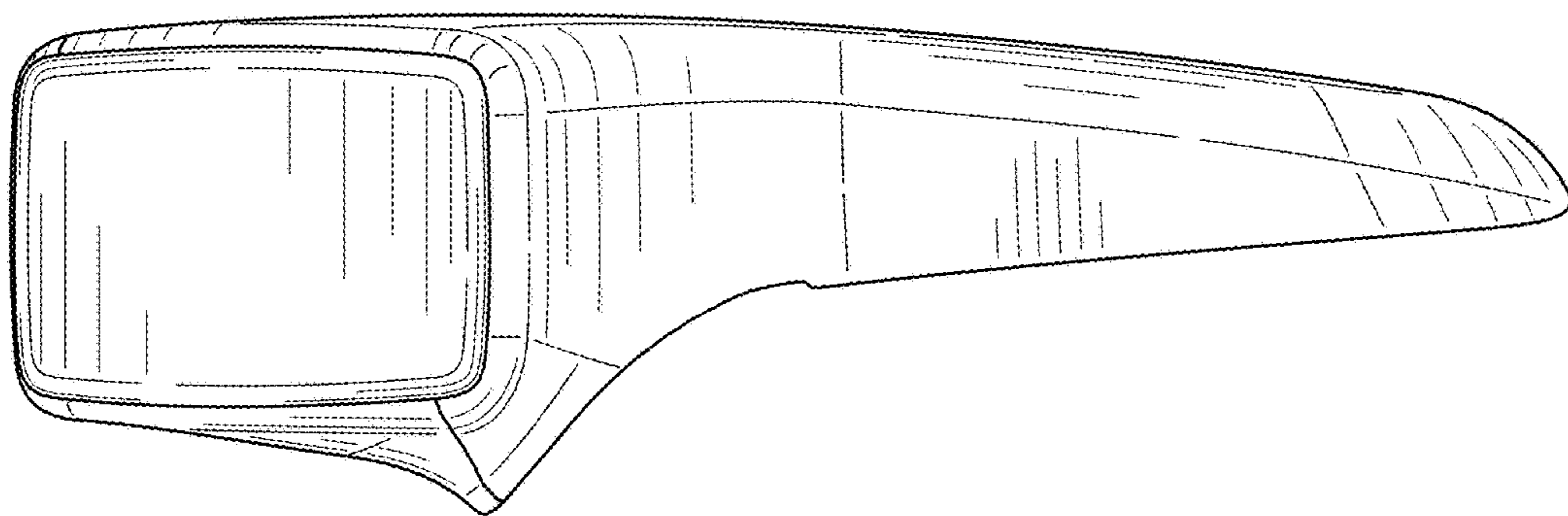


FIG. 3

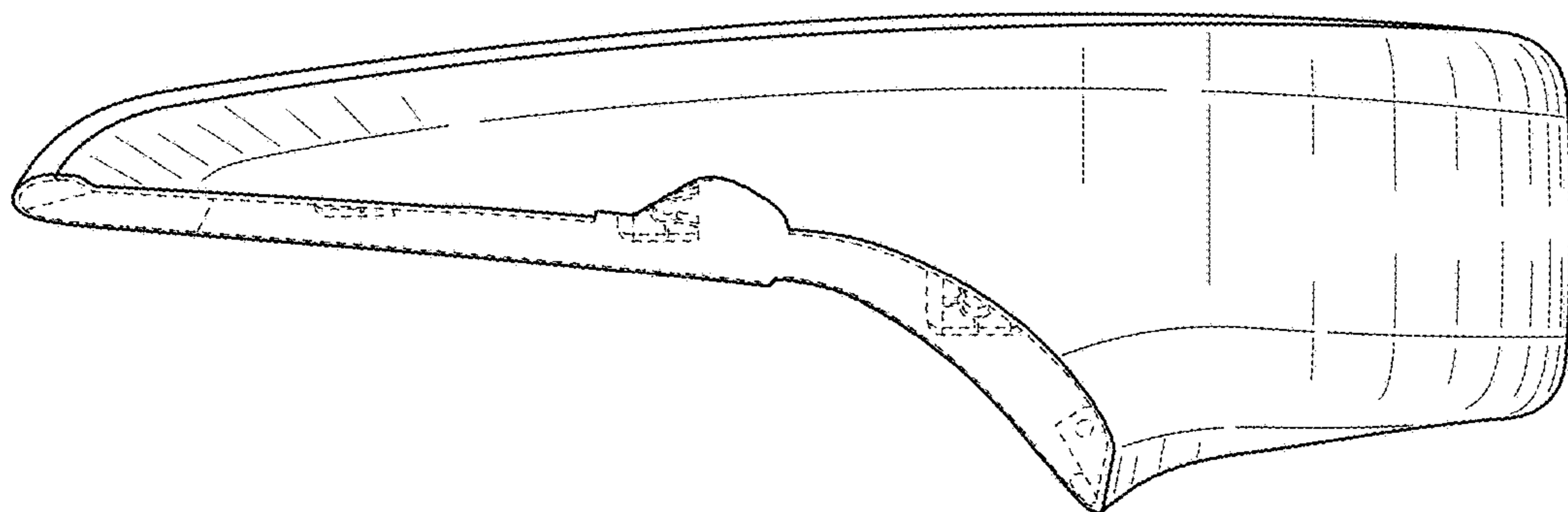


FIG. 4

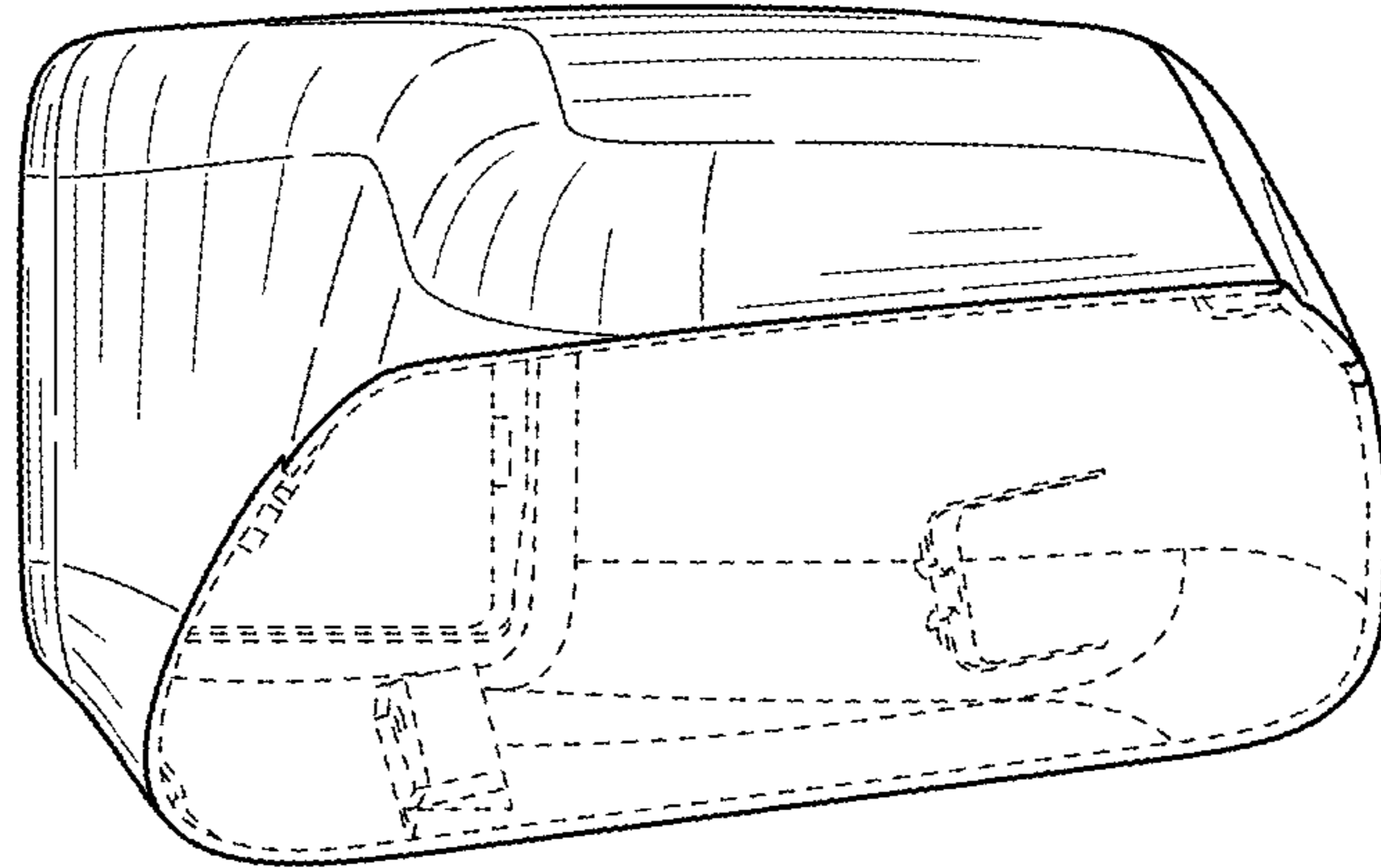


FIG. 5

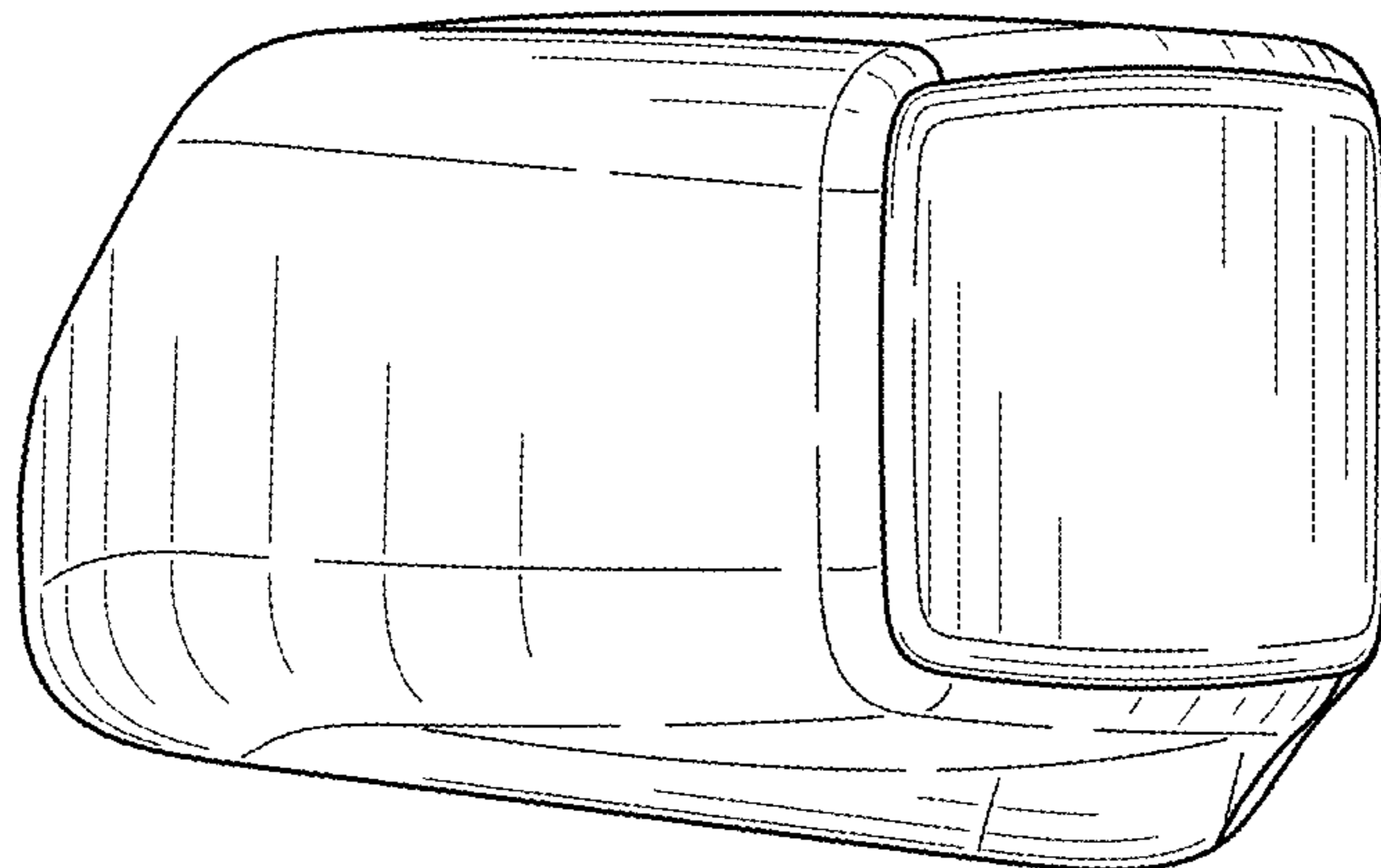


FIG. 6



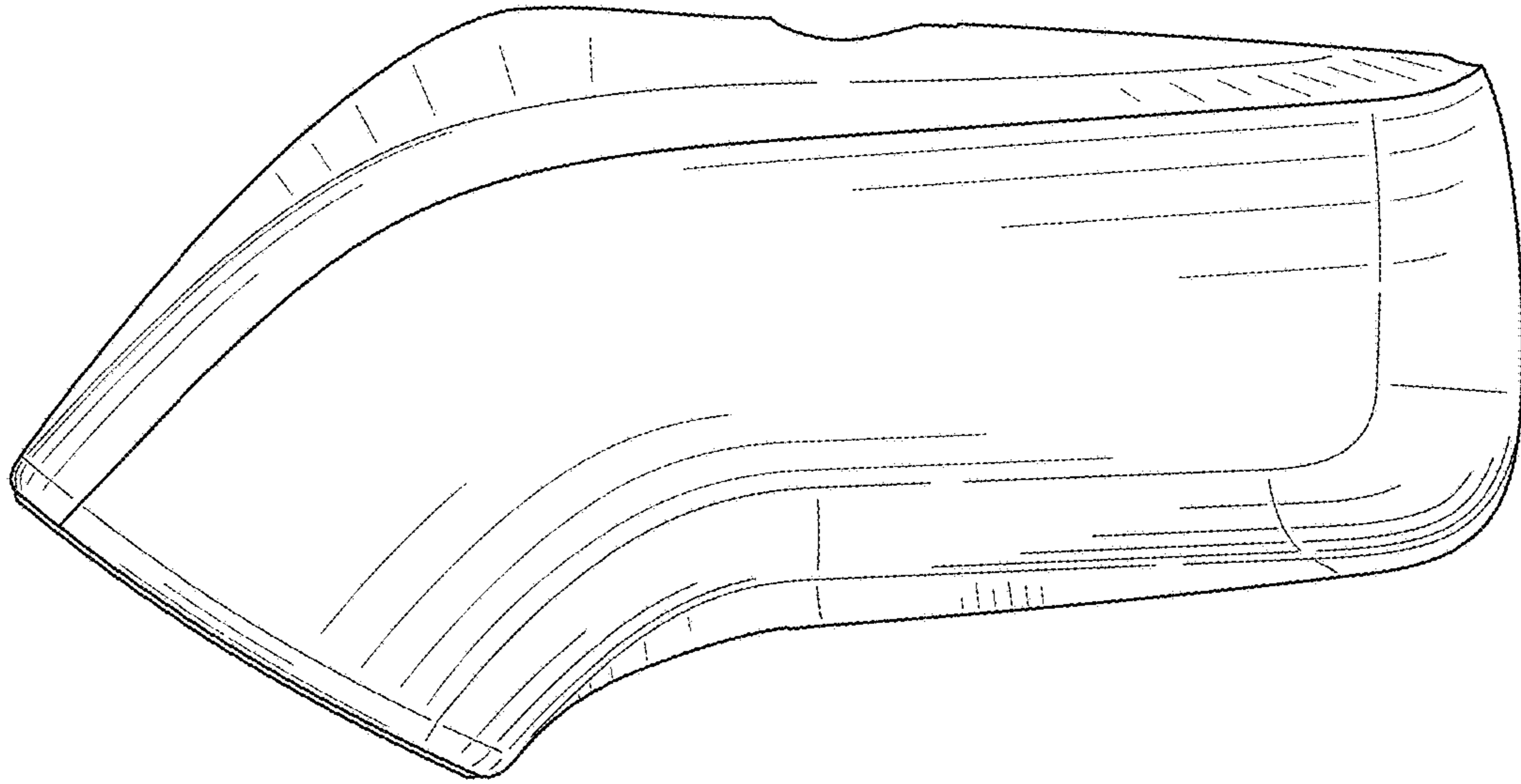


FIG. 7

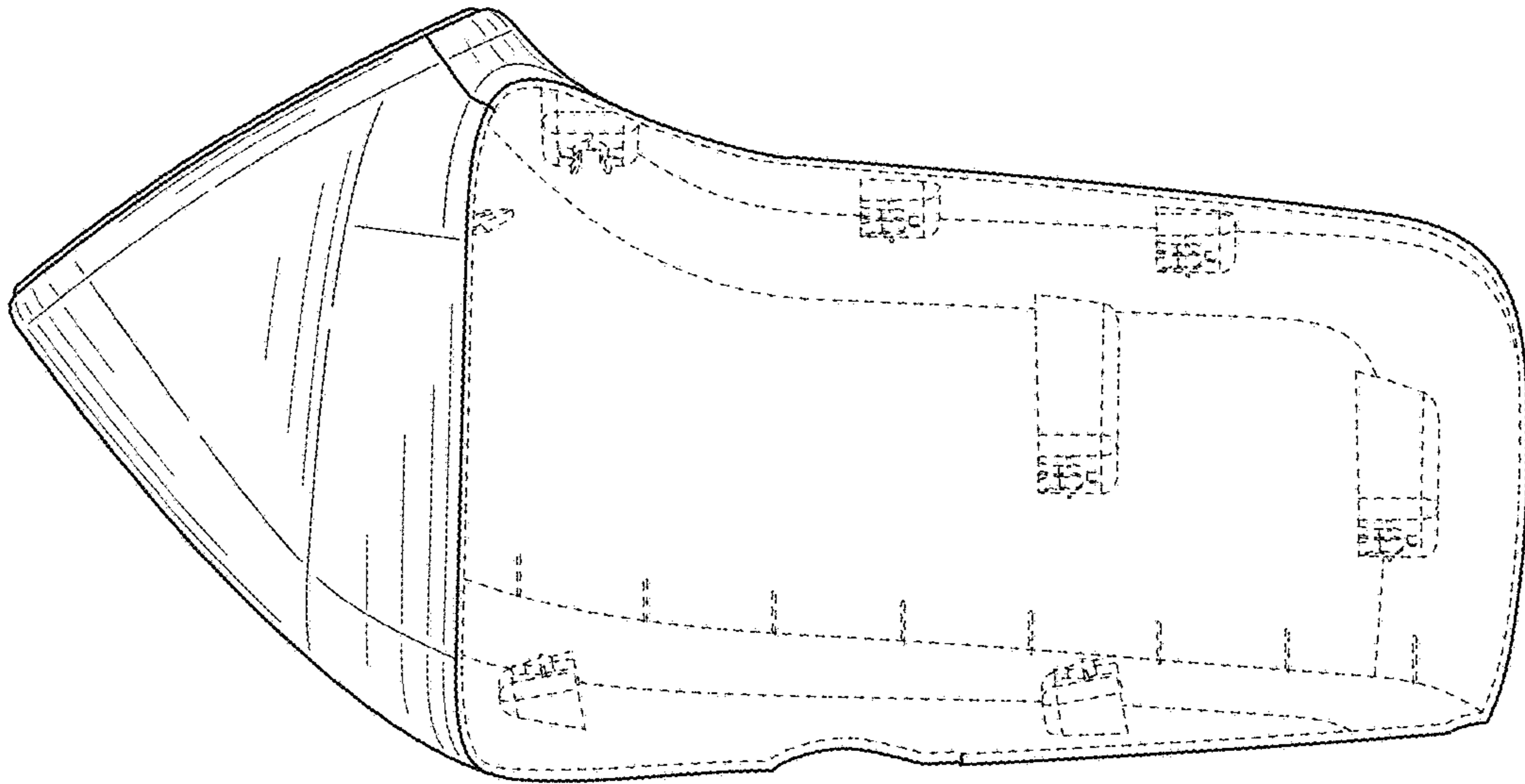


FIG. 8

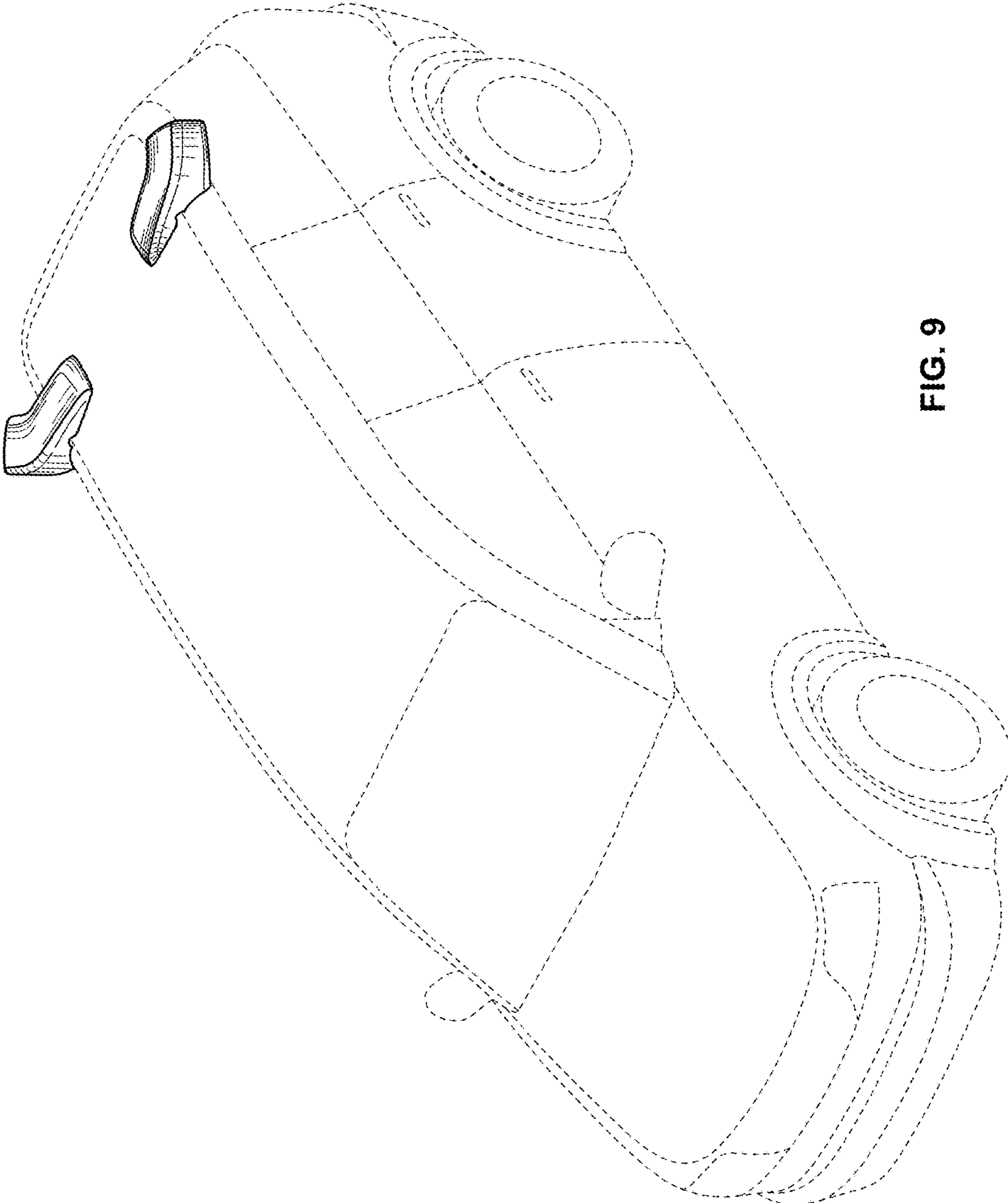


FIG. 9

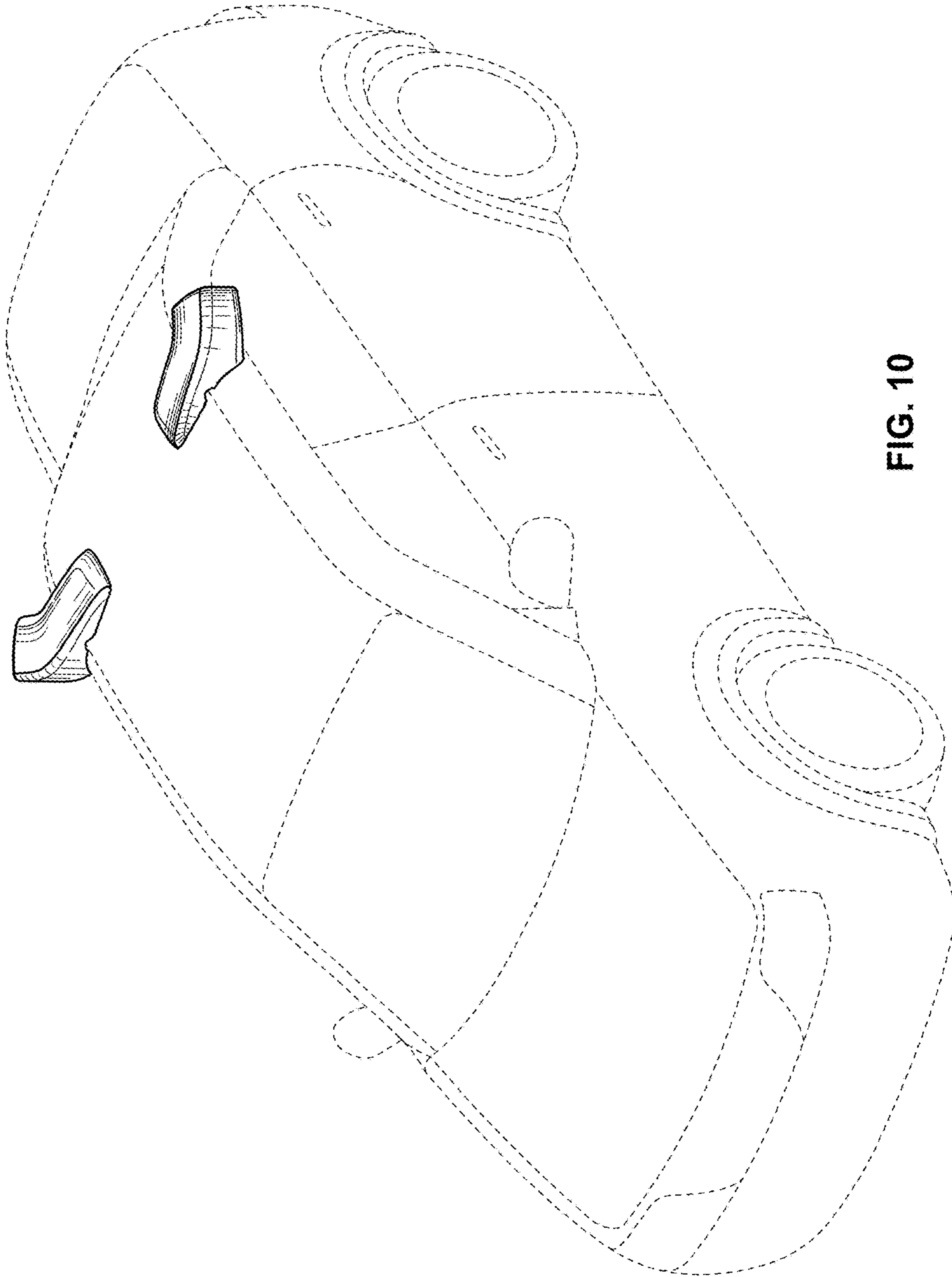


FIG. 10