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

(10) **Patent No.:** **US D733,630 S**
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(54) **VEHICLE REAR DOOR**

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- (73) Assignee: **Google Inc.**, Mountain View, CA (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/491,727**
- (22) Filed: **May 23, 2014**
- (51) **LOC (10) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/196**
- (58) **Field of Classification Search**
USPC D12/196, 90, 91, 92, 86, 190, 183, 96,
D12/169, 167, 171, 181, 164; 296/181.1,
296/181.5, 56, 57.1, 76, 106, 203.04;
293/102, 113, 115, 117, 120; 49/502,
49/503
CPC E05Y 2900/531; E05Y 2900/532;
E05D 3/127; B60J 5/10; B60J 5/0416; B60J
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D418,471 S	1/2000	Gabath	
D421,588 S *	3/2000	Kitamura	D12/196
D456,312 S *	4/2002	Leutz	D12/86
D457,115 S *	5/2002	Mahoney et al.	D12/196
D466,458 S *	12/2002	Murkett	D12/196
D467,849 S	12/2002	Murkett	
6,530,251 B1	3/2003	Dimig	
D472,863 S	4/2003	Carroll	
D515,489 S *	2/2006	Tokutake	D12/196
D520,428 S *	5/2006	Iwanaga et al.	D12/196
D528,490 S *	9/2006	Schumaker	D12/196

(Continued)

OTHER PUBLICATIONS

McFadden, Colin-Druce, "Autonomous car concept swaps steering wheel for gesture controls", <<http://www.dvice.com/2014-3-12/autonomous-car-concept-swaps-steering-wheel-gesture-controls>>, Mar. 12, 2014.

(Continued)

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(57) **CLAIM**

The ornamental design for a vehicle rear door, as shown and described.

DESCRIPTION

The present application is related to copending application Ser. No. 29/491,722, entitled Autonomous Vehicle Overall Exterior; to application Ser. No. 29/491,723, entitled Autonomous Vehicle Door; to application Ser. No. 29/491,717, entitled Tire Rim; to application Ser. No. 29/491,734, entitled Autonomous Vehicle Headlamp; to application Ser. No. 29/491,730, entitled Autonomous Vehicle Taillamp; and to application Ser. No. 29/491,726, entitled Autonomous Vehicle Wing Assembly, 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 vehicle rear door according to a first embodiment of 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;

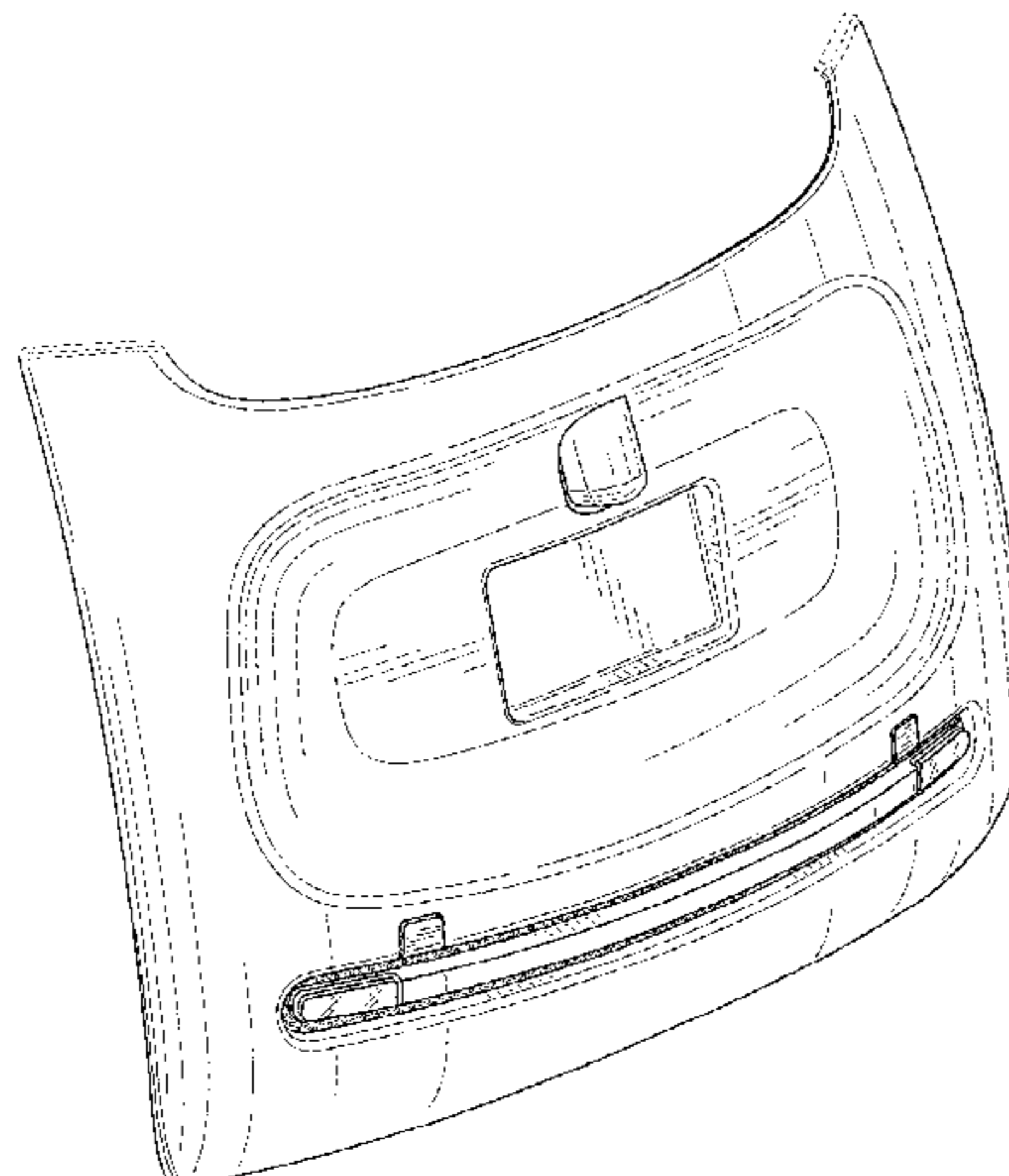
FIG. 6 is a top elevation view thereof; and,

FIG. 7 is a bottom elevation view thereof.

The broken lines shown illustrate portions of the vehicle rear door that form no part of the claimed design.

Areas of the design shown with a stipple fill shading on the vehicle rear door are to indicate a contrasting appearance.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D556,111 S 11/2007 Levy
 D556,662 S * 12/2007 Murkett D12/196
 D559,734 S * 1/2008 Sinkwitz D12/90
 D564,432 S * 3/2008 Pfeiffer D12/196
 D568,792 S 5/2008 Moushegian et al.
 D582,824 S * 12/2008 Kobayashi D12/196
 7,537,256 B2 * 5/2009 Gates et al. 296/1.07
 D594,383 S 6/2009 Lo et al.
 D601,072 S 9/2009 Giachin
 D603,306 S * 11/2009 Jung et al. D12/164
 D608,263 S * 1/2010 Truebsbach D12/190
 D613,220 S * 4/2010 Ikeda et al. D12/190
 D619,931 S 7/2010 Arnell
 D633,839 S 3/2011 Matei et al.
 D634,686 S * 3/2011 Matei et al. D12/196
 D636,317 S 4/2011 Matei et al.
 D638,338 S * 5/2011 Huet D12/196
 D644,975 S * 9/2011 Kumai et al. D12/196
 D649,910 S 12/2011 Mullen
 D651,132 S 12/2011 Lambri et al.
 D660,211 S 5/2012 Ikuma et al.
 D663,665 S * 7/2012 Hakamata et al. D12/196

D681,529 S * 5/2013 Minami et al. D12/196
 D682,172 S 5/2013 Peltola et al.
 D684,091 S 6/2013 Frenzel et al.
 D693,272 S 11/2013 Burki et al.
 D695,178 S 12/2013 Tada et al.
 D695,179 S 12/2013 Tada et al.
 D695,661 S 12/2013 Asano et al.
 D695,663 S 12/2013 Suga et al.
 D695,664 S 12/2013 Suga et al.
 D696,172 S 12/2013 Kawasaki et al.
 D696,999 S 1/2014 Suga et al.
 D698,717 S * 2/2014 Kobayashi D12/196
 D706,191 S * 6/2014 Choi et al. D12/196
 D706,692 S * 6/2014 Wheel et al. D12/196
 D710,264 S * 8/2014 Watkins et al. D12/169
 D718,695 S * 12/2014 Galante et al. D12/196
 D721,024 S * 1/2015 Thole et al. D12/196

OTHER PUBLICATIONS

Ridden, Paul, "ATNMBL—The concept car with no steering wheel, brake pedal or driver's seat", <<http://www.gizmag.com/atnmb1-autonomous-concept-passenger-transport/15877/>>, Jul. 29, 2010.

* cited by examiner

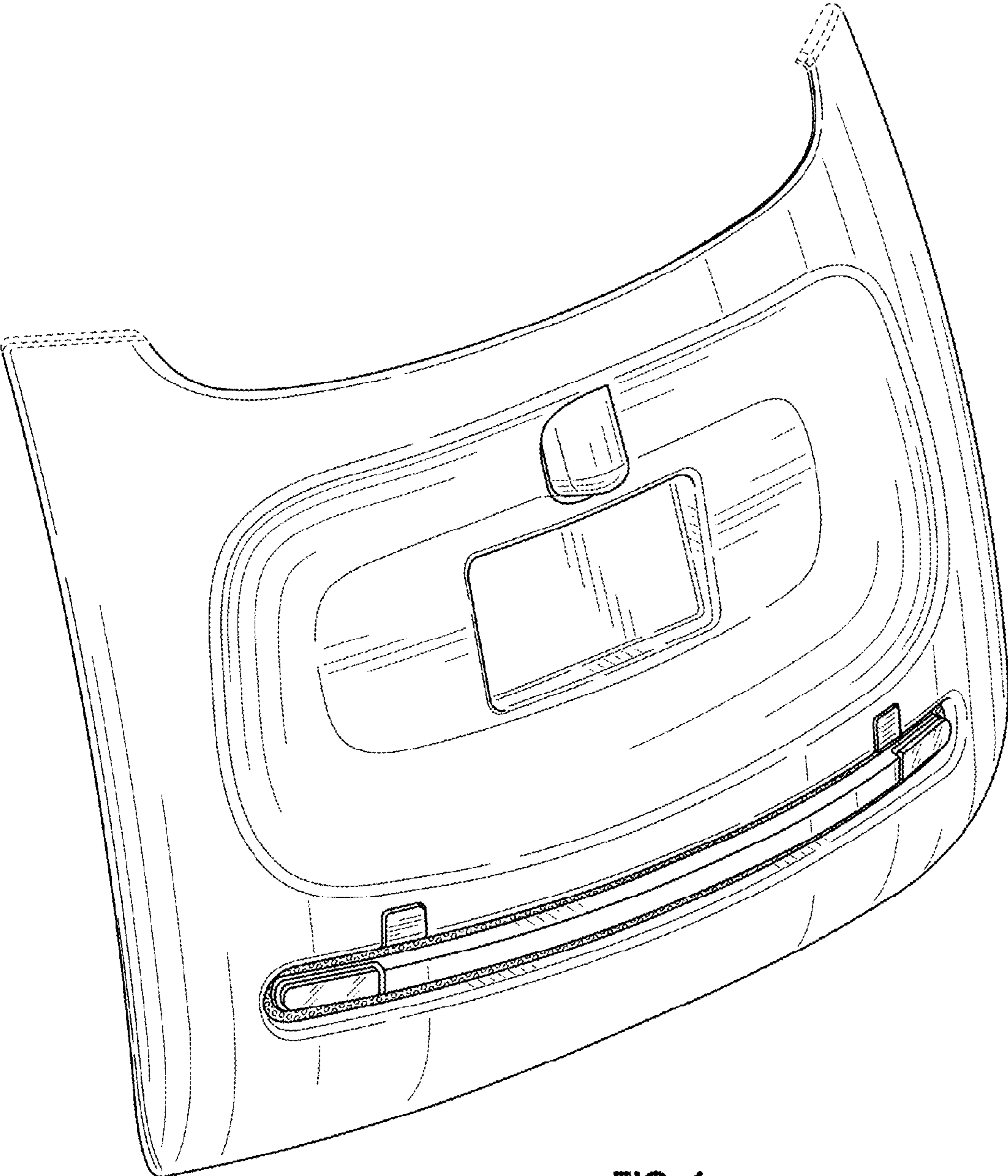


FIG. 1

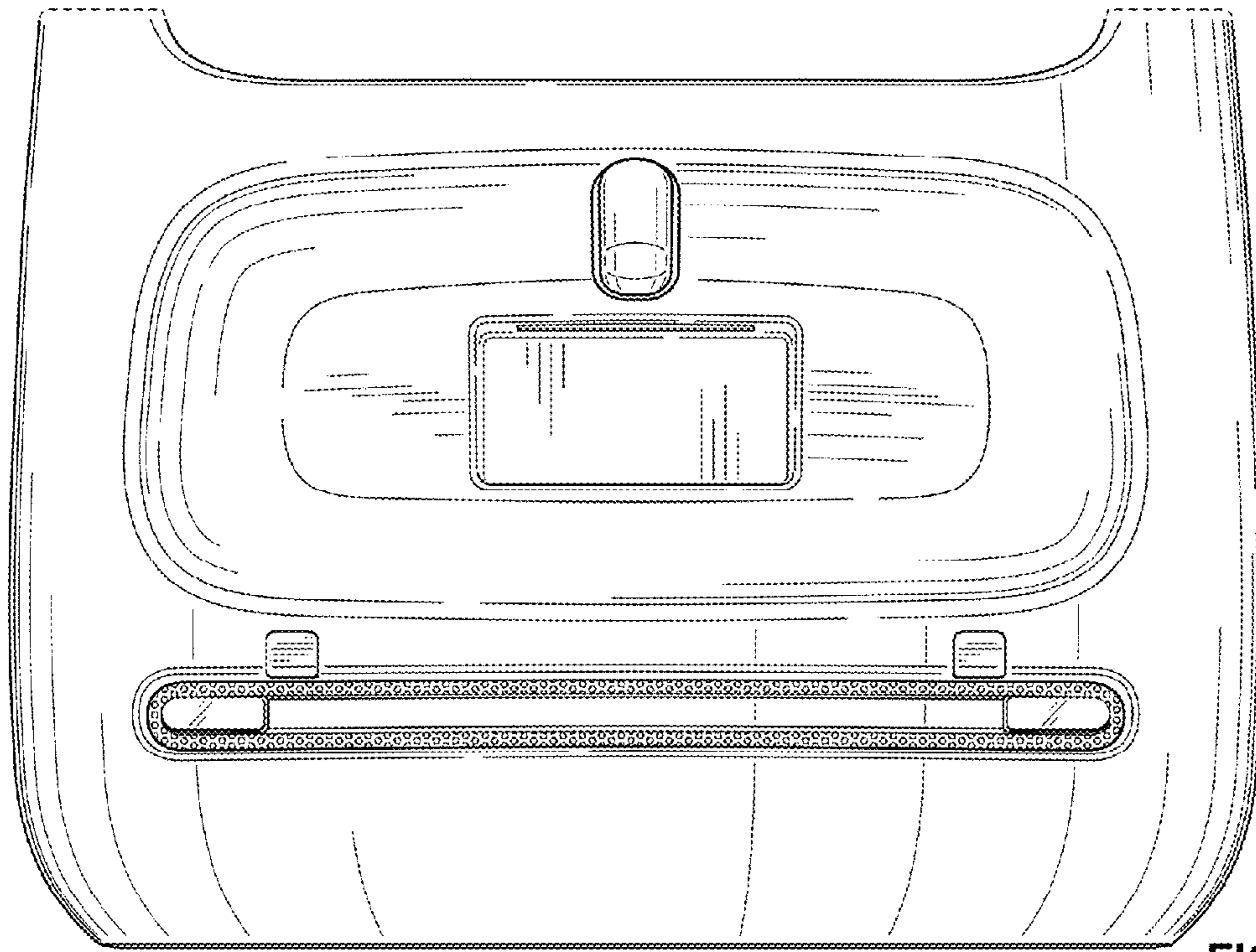


FIG. 2

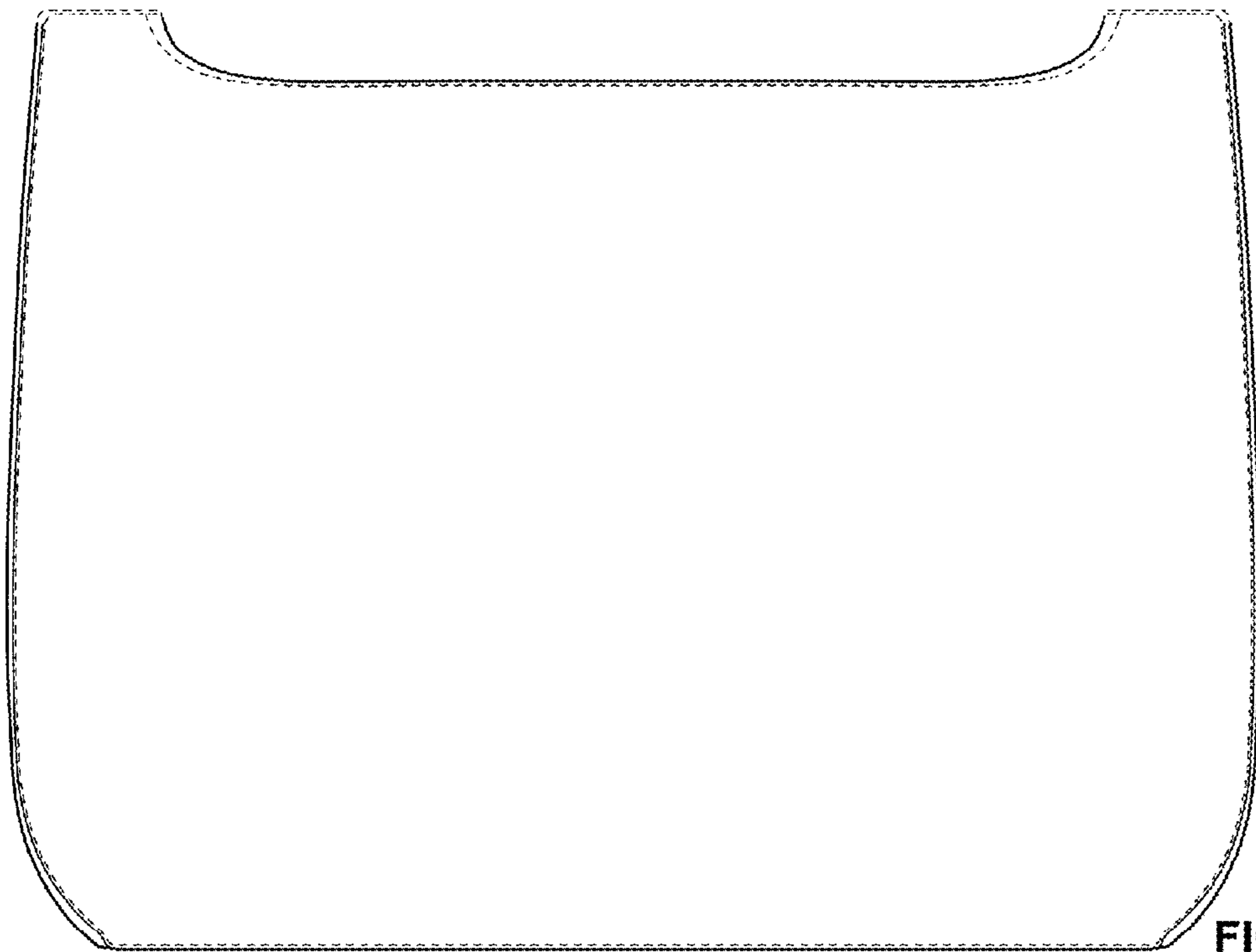


FIG. 3

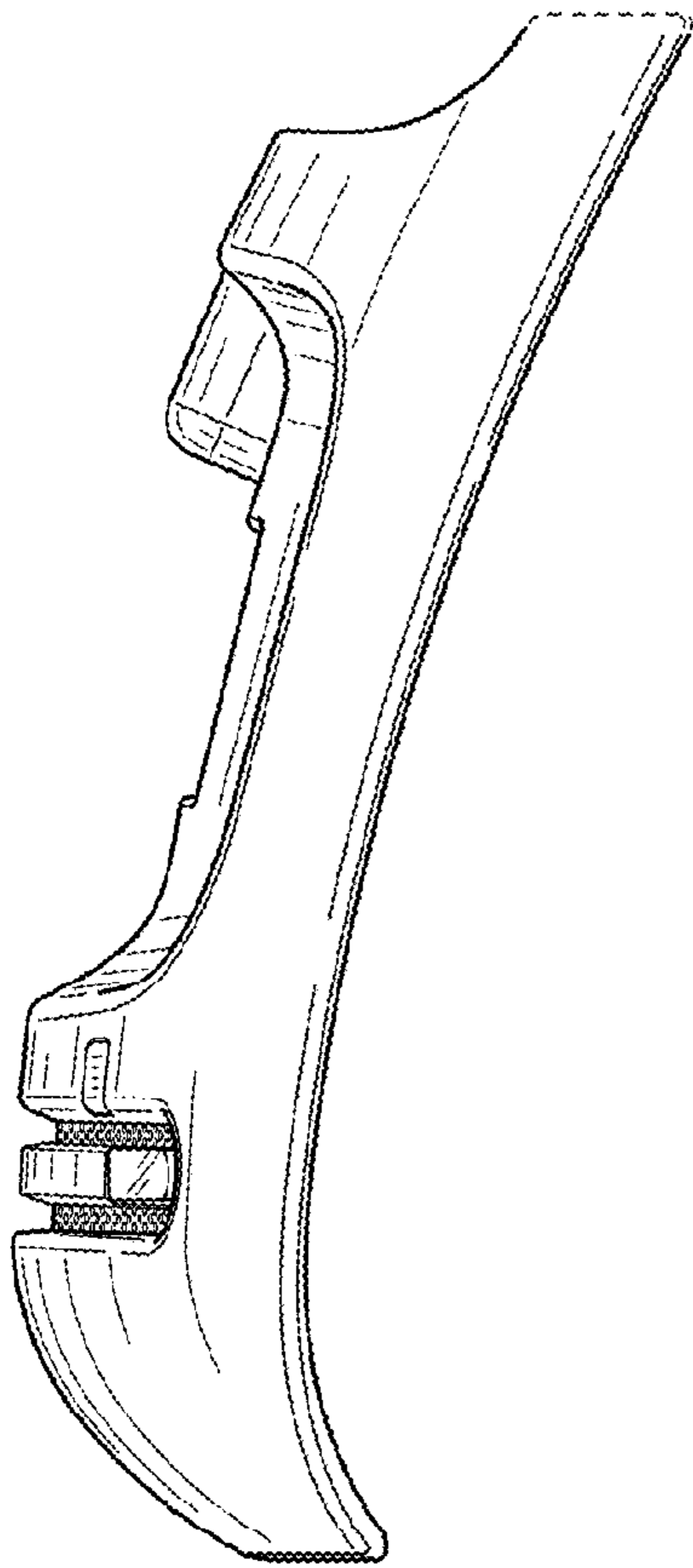


FIG. 4

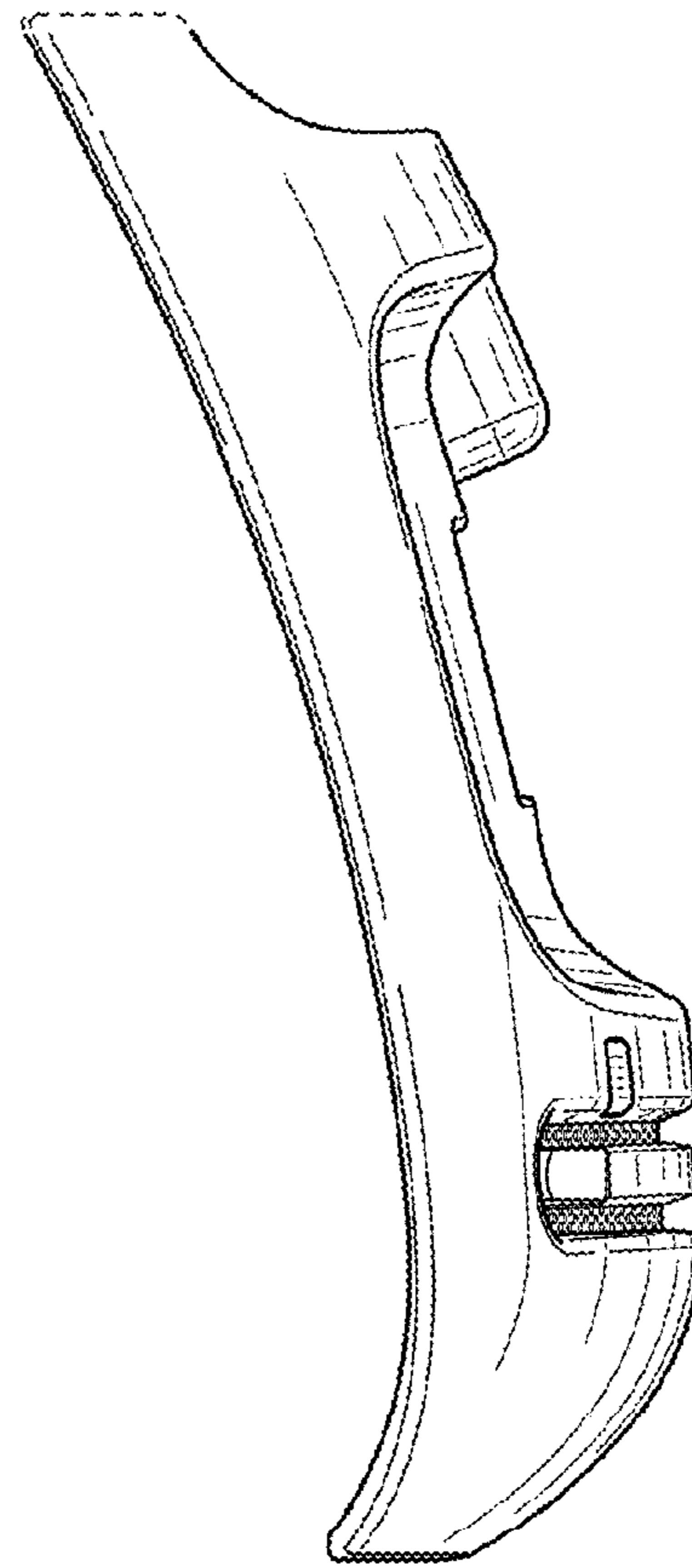


FIG. 5

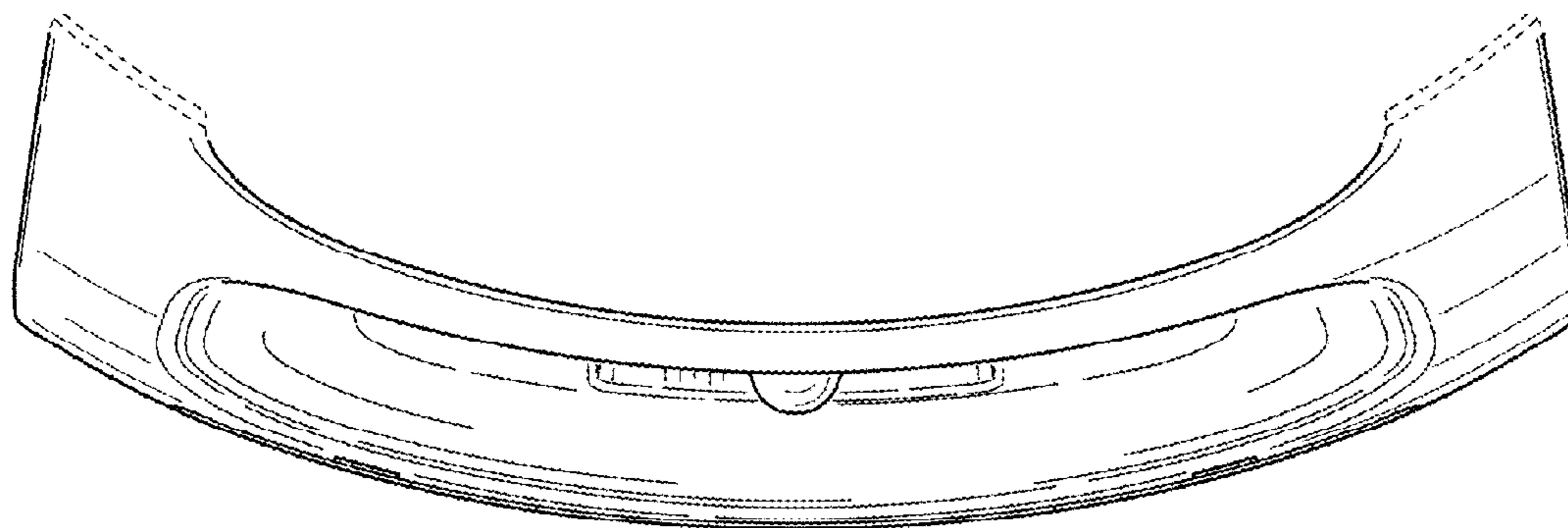


FIG. 6

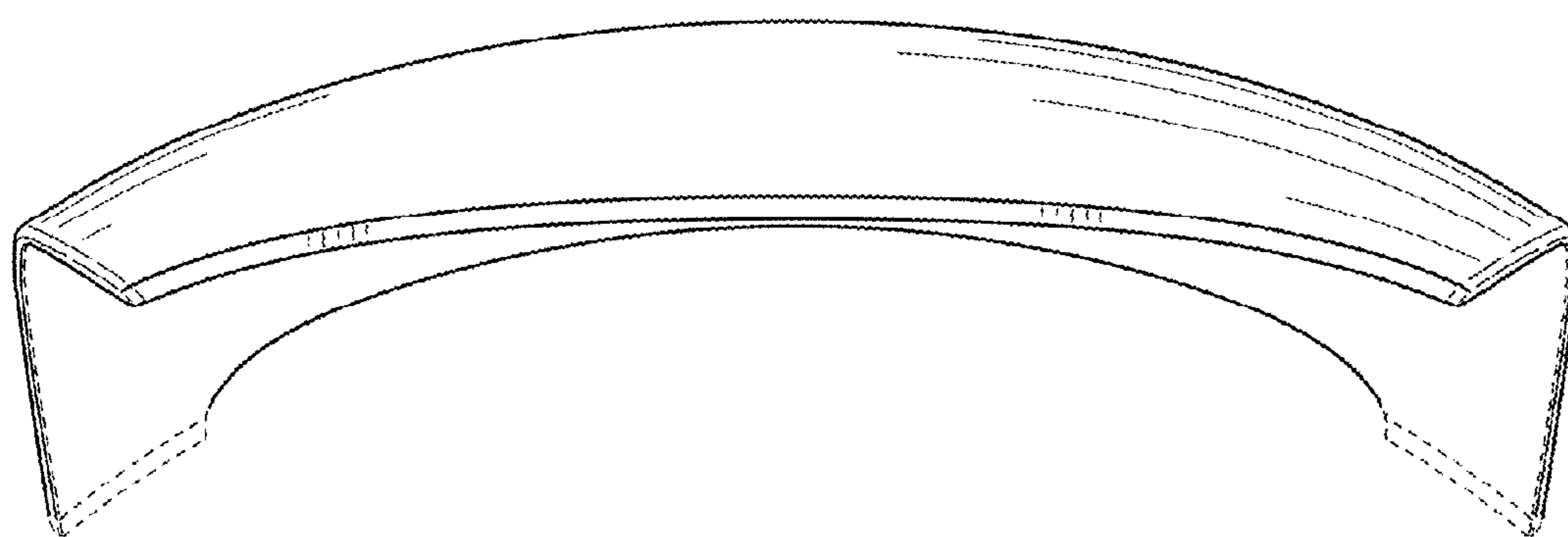


FIG. 7