



US00D938889S

(12) **United States Design Patent** (10) **Patent No.:** **US D938,889 S**  
**Lock et al.** (45) **Date of Patent:** **\*\* Dec. 21, 2021**

(54) **VEHICLE DOOR WITH DISPLAY**  
(71) Applicant: **Gentex Corporation**, Zeeland, MI (US)  
(72) Inventors: **Nigel T. Lock**, Holland, MI (US);  
**Mark R. Roth**, Grand Rapids, MI (US); **Eric S. Lundy**, Grand Rapids, MI (US)  
(73) Assignee: **GENTEX CORPORATION**, Zeeland, MI (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/719,539**  
(22) Filed: **Jan. 6, 2020**  
(51) **LOC (13) Cl.** ..... **12-16**  
(52) **U.S. Cl.**  
USPC ..... **D12/400**  
(58) **Field of Classification Search**  
USPC ... D12/3, 82, 86, 88, 89, 90, 91, 92, 93, 96,  
D12/98, 99, 114, 163, 164, 169, 187, 188,  
D12/190, 191, 192, 195, 196, 223, 300,  
D12/317, 318, 400, 415, 417, 418;  
D14/125, 126, 204, 240, 336, 341, 345,  
D14/371, 374, 375-380, 432, 439, 447,  
D14/448, 451; D8/349, 354  
CPC .. B60R 1/00; B60R 1/08; B60R 11/00; B60R  
11/0229; B60R 11/0235; B60R  
2011/0019; B60R 2011/0021; B60R  
13/04; B60K 2370/77; B60K 2370/152;  
B60K 2370/176; B60K 2370/688; B60K  
2370/741; B60K 2370/794; B60K  
2370/816; B60K 2370/1523; B60K 37/02;  
B60K 37/04; B60K 35/00; B60J 5/00;  
B60J 5/04; B60Q 1/323; G02F 1/1333;  
G06F 1/1652; G09F 9/301  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
7,057,500 B1 \* 6/2006 Belloso ..... B60R 1/00  
340/435  
8,331,038 B1 \* 12/2012 Snow ..... B60R 1/10  
359/727

(Continued)

FOREIGN PATENT DOCUMENTS

DE 102017211508 A1 \* 1/2019 ..... B60R 11/0264  
EP 3608148 A1 \* 2/2020 ..... B60R 11/0235  
(Continued)

OTHER PUBLICATIONS

Gentex Tech 2020—Digital Vision, Published on Jul. 20, 2020  
[online], [retrieved on Feb. 23, 2021]. Retrieved from the Internet:  
[https://www.youtube.com/watch?v=\\_eleNnfiO4w](https://www.youtube.com/watch?v=_eleNnfiO4w) (Year: 2020).\*

(Continued)

*Primary Examiner* — Cary M Robinson

*Assistant Examiner* — Adam C Mager

(74) *Attorney, Agent, or Firm* — Price Heneveld LLP;  
Brian James Brewer

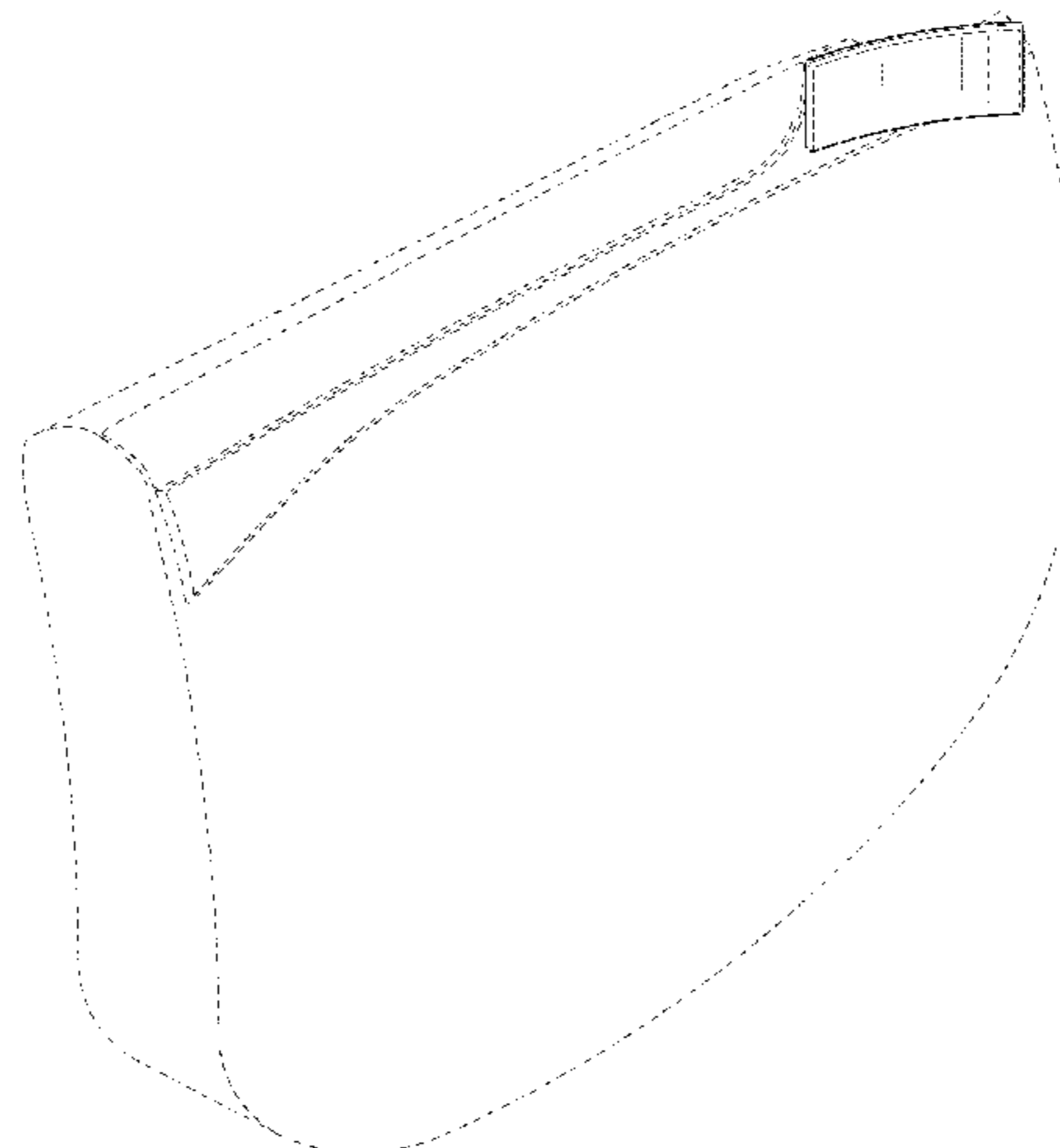
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a vehicle door with display according to a the claimed design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a back elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The portions of the vehicle door shown in broken line form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D719,116 S \* 12/2014 Bang ..... D14/126  
 D735,194 S \* 7/2015 Kim ..... D14/374  
 D776,666 S \* 1/2017 Karlsson ..... D14/439  
 D817,257 S \* 5/2018 Lampkin ..... D12/415  
 D822,662 S \* 7/2018 Kim ..... D14/374  
 10,067,380 B2 \* 9/2018 Song ..... G02F 1/133603  
 2014/0092237 A1 \* 4/2014 Watanabe ..... G06K 9/00798  
 348/118  
 2014/0285666 A1 \* 9/2014 O'Connell ..... B60R 1/12  
 348/148  
 2015/0165975 A1 \* 6/2015 Meadows ..... B60R 1/00  
 701/49  
 2016/0209700 A1 \* 7/2016 Bae ..... G02F 1/133377  
 2016/0216572 A1 \* 7/2016 Prushinskiy ..... H01L 27/124  
 2016/0306204 A1 \* 10/2016 Shin ..... G02F 1/133308  
 2017/0036599 A1 \* 2/2017 Siddiqui ..... H04N 5/23293  
 2017/0155087 A1 \* 6/2017 Lee ..... G02F 1/1362  
 2017/0166129 A1 \* 6/2017 Kim ..... G06K 9/00791  
 2018/0072229 A1 \* 3/2018 Mano ..... B60R 16/03  
 2018/0131877 A1 \* 5/2018 Amano ..... H04N 5/243  
 2019/0107889 A1 \* 4/2019 Togashi ..... B60K 35/00  
 2019/0126847 A1 \* 5/2019 Berne ..... H04N 5/2253  
 2019/0152831 A1 \* 5/2019 An ..... B32B 38/1866  
 2019/0193633 A1 \* 6/2019 Ichikawa ..... H04N 5/57

2019/0244040 A1 \* 8/2019 Herrmann ..... G06K 9/4604  
 2019/0302849 A1 \* 10/2019 Lee ..... G06F 1/1652  
 2020/0031280 A1 \* 1/2020 Frederick ..... H04N 5/23299  
 2020/0039440 A1 \* 2/2020 Ozawa ..... B60R 11/0223  
 2020/0049880 A1 \* 2/2020 Ooishi ..... B60K 37/06  
 2020/0070727 A1 \* 3/2020 Sawada ..... B60R 11/04  
 2020/0114762 A1 \* 4/2020 Shigefuji ..... B60R 1/00  
 2020/0164800 A1 \* 5/2020 Hayashida ..... H04N 5/2628  
 2020/0167114 A1 \* 5/2020 Hayashida ..... H04N 7/18  
 2020/0207270 A1 \* 7/2020 Iida ..... H04N 5/23296

FOREIGN PATENT DOCUMENTS

JP 6346306 B2 \* 6/2018 ..... B60R 11/0217  
 JP 2020059454 A \* 4/2020 ..... B60R 11/0235  
 JP 2020114697 A \* 7/2020 ..... G02B 27/01  
 WO WO-2015158416 A1 \* 10/2015 ..... B60R 11/04  
 WO WO-2020018365 A1 \* 1/2020 ..... B60K 35/00

OTHER PUBLICATIONS

Gentex OLED display, Published Jan. 8, 2020 [online], [retrieved on Sep. 3, 2021]. Retrieved from the Internet: <https://twitter.com/GentexCorp/status/1215025918802046977/photo/3> (Year: 2020).\*

\* cited by examiner

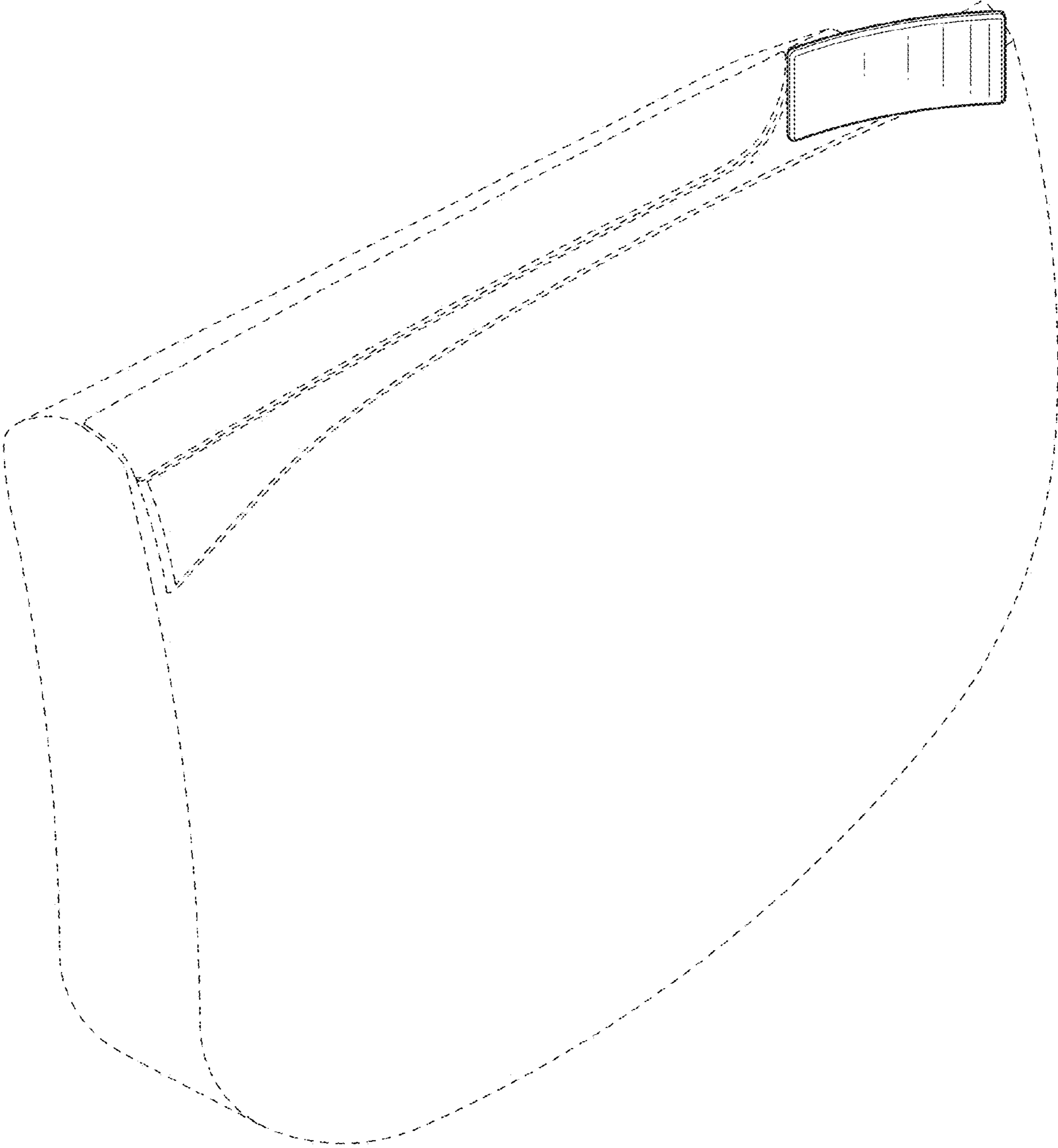


FIG. 1

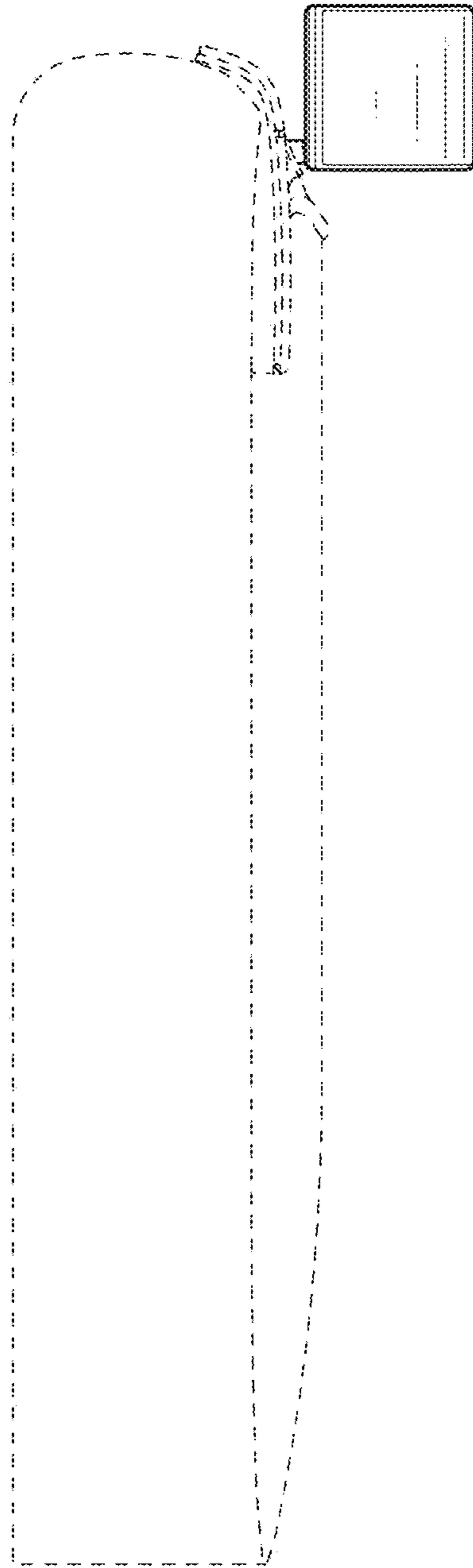


FIG. 2

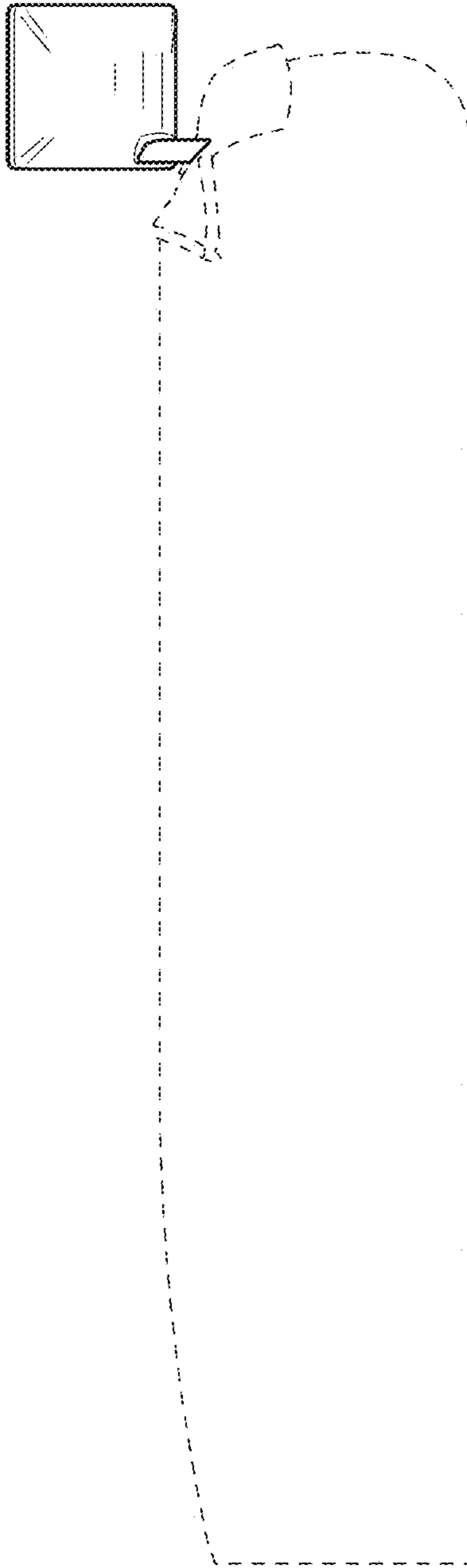


FIG. 3

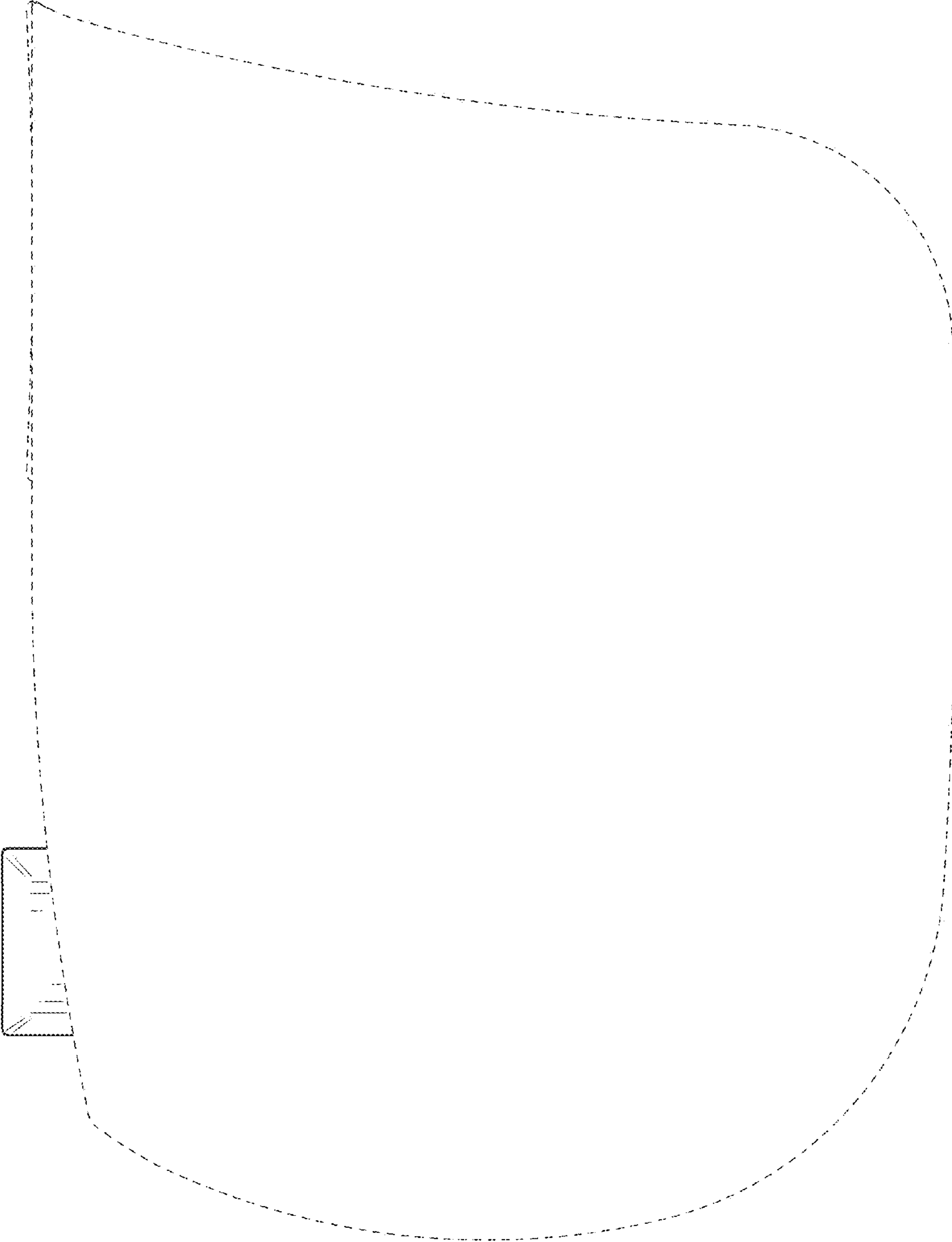


FIG. 4

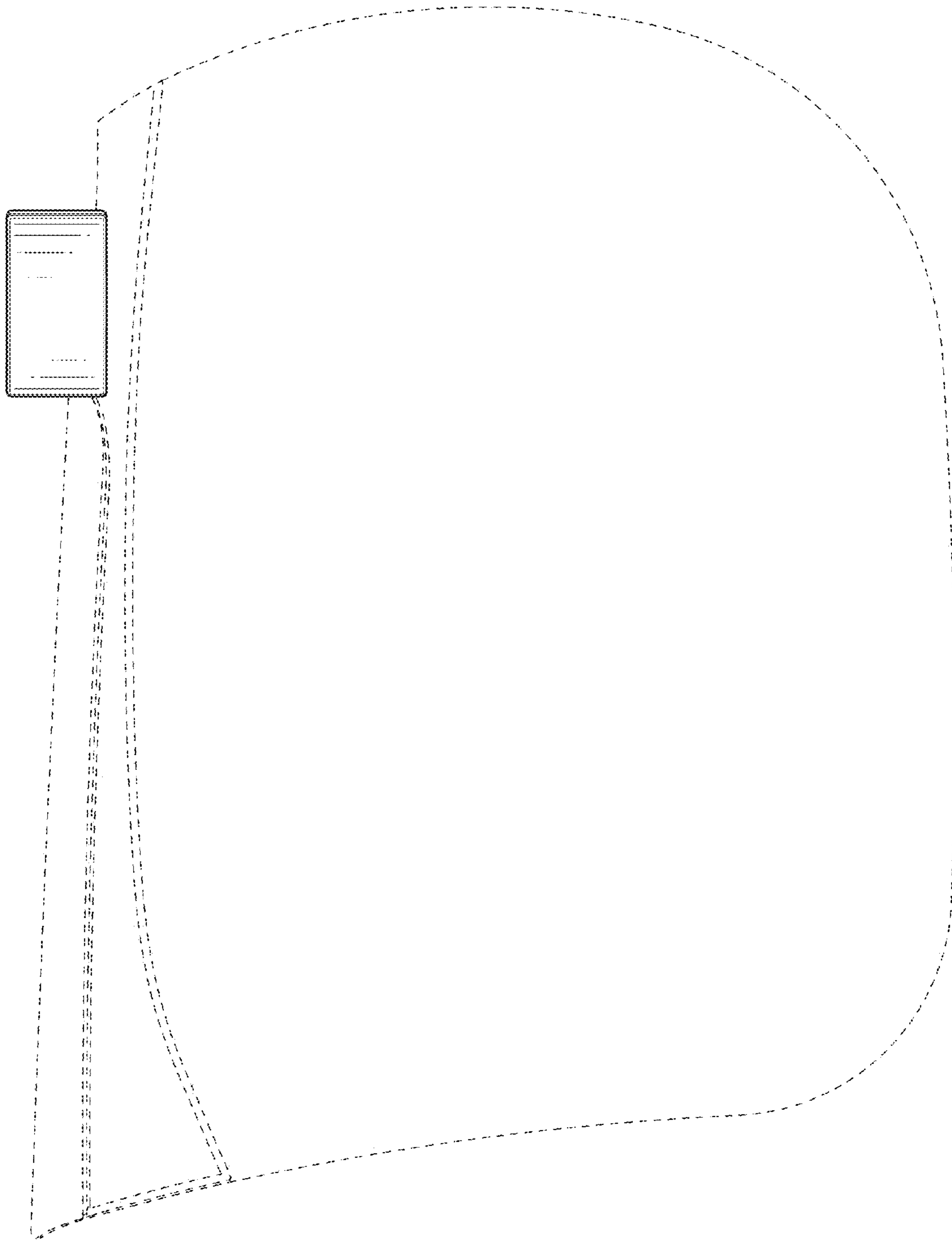


FIG. 5

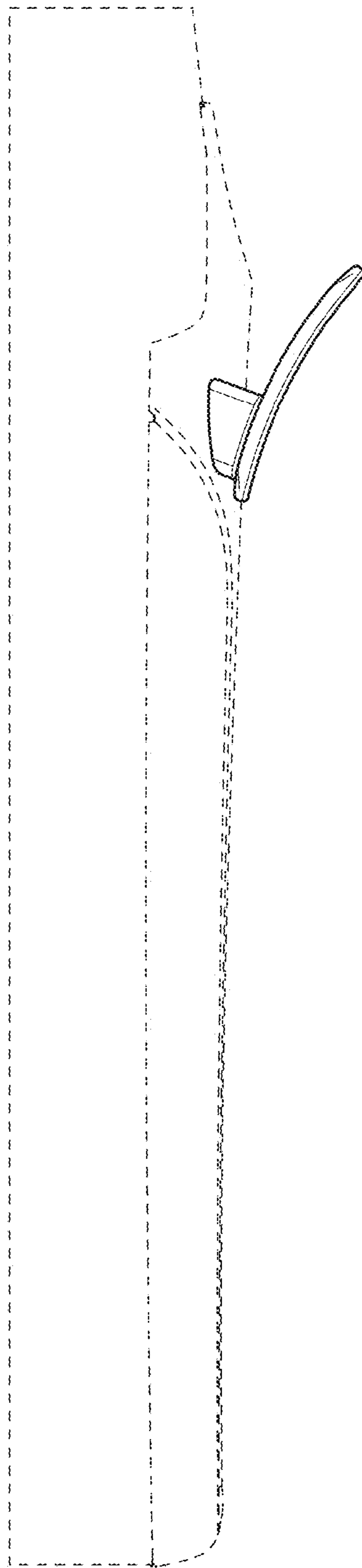


FIG. 6



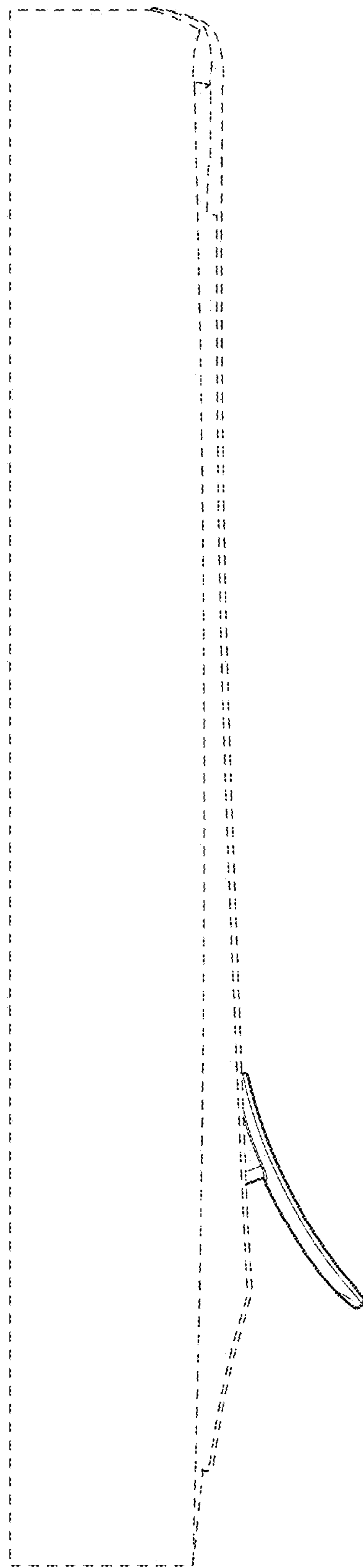


FIG. 7