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(12) **United States Design Patent** (10) **Patent No.:** **US D859,407 S**
Natsume et al. (45) **Date of Patent:** **** Sep. 10, 2019**

(54) **PADDING FOR HEAD MOUNTED AUDIO-VISUAL DISPLAY SYSTEM**

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- (**) Term: **15 Years**
- (21) Appl. No.: **29/657,530**
- (22) Filed: **Jul. 23, 2018**

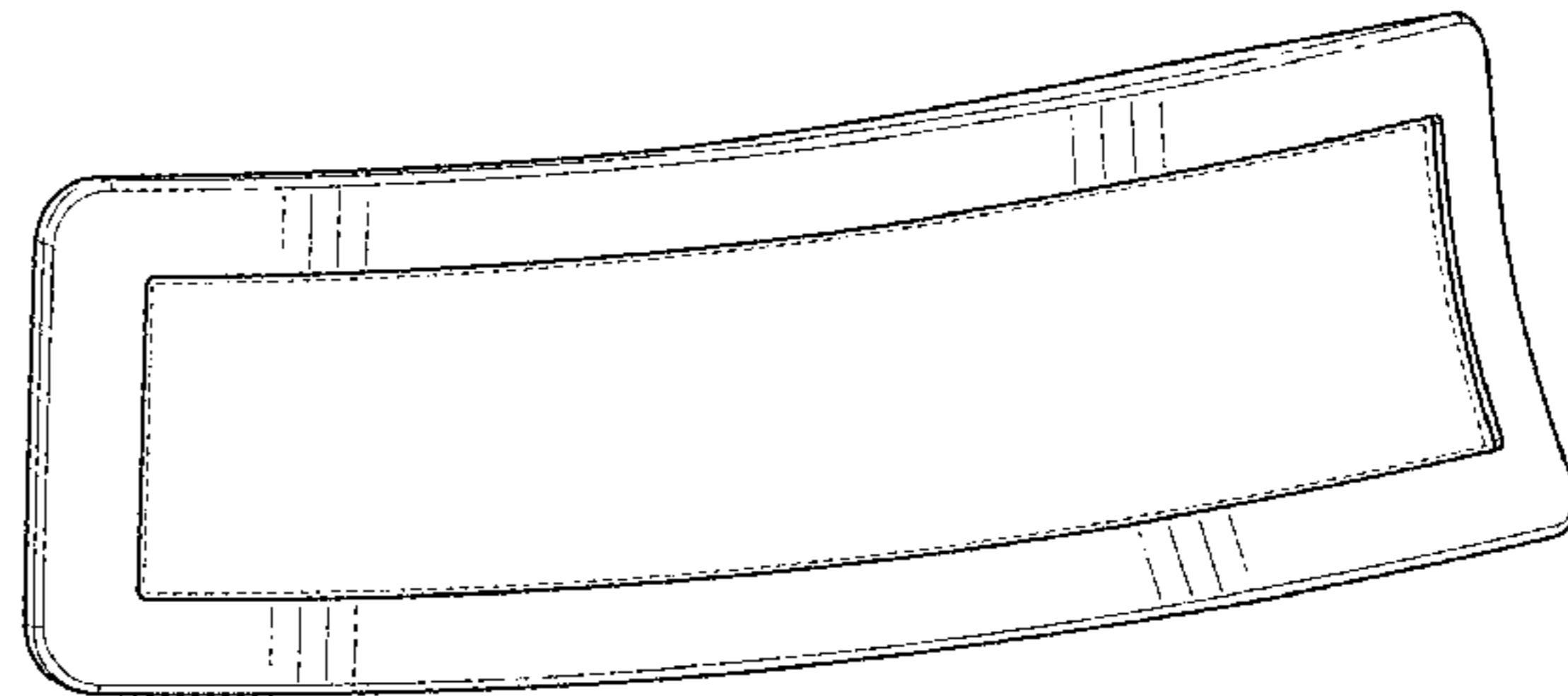
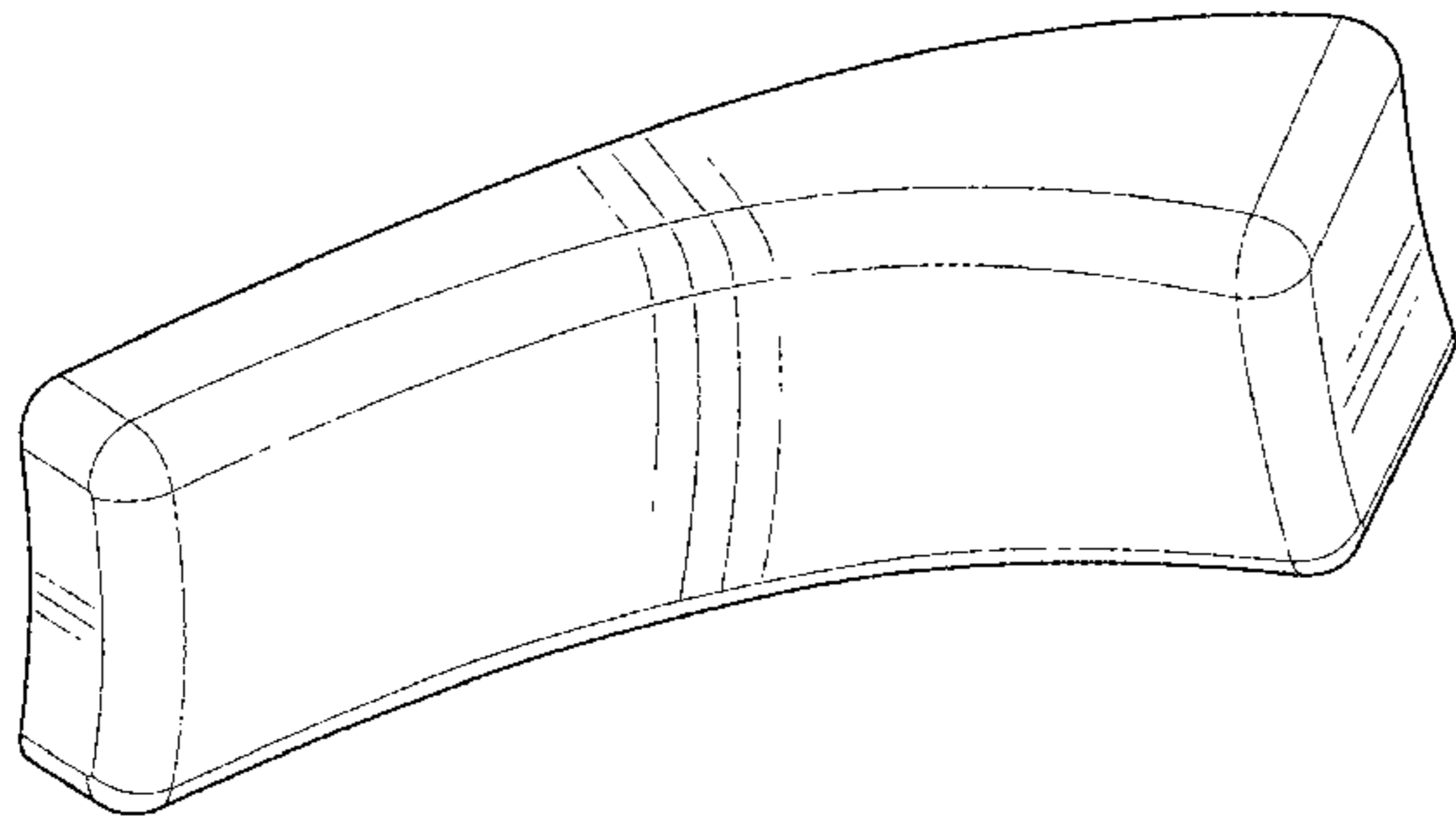
Related U.S. Application Data

- (63) Continuation of application No. 29/621,011, filed on Oct. 3, 2017, now Pat. No. Des. 845,296.
- (51) **LOC (12) Cl.** **14-02**
- (52) **U.S. Cl.**
USPC **D14/372**
- (58) **Field of Classification Search**
USPC D14/372, 496, 432, 371, 125, 126, 129, D14/299; D16/300-342; 351/158, 153, 351/144; 345/7-9, 905; 455/344; 348/115, 53, 121, 739
CPC G02B 27/017; G02B 27/0158; G02B 27/0161; G02B 27/0181; G02B 27/0185; G02B 27/0189
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D433,023 S	10/2000	Pinchuk
D514,613 S	2/2006	Jannard
D521,493 S	5/2006	Wai
D669,471 S	10/2012	Hwang et al.
D685,019 S	6/2013	Li
D704,704 S	5/2014	Tatara et al.
D718,366 S	11/2014	Mehin
D734,807 S	7/2015	Wu
D746,818 S	1/2016	Cho
D753,211 S	4/2016	DiChiara
D754,782 S	4/2016	Kokinakis et al.
D757,007 S	5/2016	Cazalet et al.
D759,015 S	6/2016	Mehin et al.
D762,212 S	7/2016	Iritani
D773,552 S	12/2016	Champ
D776,111 S	1/2017	Baldassi et al.
D777,242 S	1/2017	Seo et al.
D780,752 S	3/2017	Park et al.
D781,290 S	3/2017	Kim et al.
D792,400 S	7/2017	Osterhout
D795,952 S	8/2017	Natsume et al.
D796,503 S	9/2017	Natsume et al.
D796,504 S	9/2017	Natsume et al.
D796,505 S	9/2017	Natsume et al.
D796,506 S	9/2017	Natsume et al.
D797,733 S	9/2017	Lee
D797,735 S	9/2017	Fraser et al.
D798,862 S	10/2017	Wang
D799,482 S	10/2017	Thomas
D800,727 S	10/2017	Mullins et al.
D802,048 S	11/2017	Lundberg
D805,072 S	12/2017	Seki
D805,073 S	12/2017	Yee et al.
D806,710 S	1/2018	Chen et al.
D807,882 S	1/2018	Gribetz et al.
D810,743 S	2/2018	Yee et al.
D812,612 S	3/2018	Gribetz et al.
D815,092 S	4/2018	Liao
D819,636 S	6/2018	Chen et al.
D819,637 S	6/2018	Chen et al.
D819,716 S	6/2018	Kim
D820,258 S	6/2018	Maw et al.
D824,905 S	8/2018	Yamada et al.
D825,561 S	8/2018	Gribetz
D827,642 S	9/2018	Liu
D831,027 S	10/2018	Kim
D836,629 S	12/2018	Maffucci
D838,719 S	1/2019	Wei
D839,269 S	1/2019	Wang



2009/0040296 A1* 2/2009 Moscato G02B 27/0172
348/53
2010/0245754 A1 9/2010 Matsumoto
2011/0255049 A1 10/2011 Corona
2012/0033142 A1* 2/2012 Thomson G02B 7/002
348/838
2012/0200935 A1* 8/2012 Miyao G02B 27/0172
359/630
2012/0218301 A1* 8/2012 Miller G02B 27/017
345/633
2013/0234914 A1* 9/2013 Fujimaki G06F 3/011
345/8
2013/0235331 A1* 9/2013 Heinrich G02C 11/10
351/158
2014/0147829 A1* 5/2014 Jerauld G06F 1/163
434/430
2015/0355466 A1* 12/2015 Border G02B 27/0172
345/8
2016/0103339 A1 4/2016 White
2016/0133201 A1* 5/2016 Border G02B 27/283
345/694

OTHER PUBLICATIONS

Notice of Allowance dated Aug. 28, 2018 for Design U.S. Appl. No. 29/653,576, 8 pages.
Notice of Allowance dated Aug. 27, 2018 for Design U.S. Appl. No. 29/647,016, 17 pages.
Notice of Allowance dated Aug. 29, 2018 for Design U.S. Appl. No. 29/647,017, 17 pages.
Notice of Allowance dated Aug. 27, 2018 for Design U.S. Appl. No. 29/647,018, 17 pages.
Notice of Allowance dated Aug. 29, 2018 for Design U.S. Appl. No. 29/647,019, 17 pages.
Non Final Office Action dated Oct. 4, 2018 for U.S. Appl. No. 29/584,739.
Notice of Allowance dated Dec. 5, 2018 for Design U.S. Appl. No. 29/621,011.
Amendment Response dated Jan. 3, 2019 for U.S. Appl. No. 29/584,739.
Notice of Allowance dated Jul. 31, 2018 for Design U.S. Appl. No. 29/650,868, 12 pages.
Notice of Allowance dated Jul. 31, 2018 for Design U.S. Appl. No. 29/650,872, 12 pages.
Notice of Allowance dated Jul. 31, 2018 for Design U.S. Appl. No. 29/653,570, 8 pages.
Notice of Allowance dated Jul. 31, 2018 for Design U.S. Appl. No. 29/653,573, 8 pages.
Notice of Allowance dated Jul. 31, 2018 for Design U.S. Appl. No. 29/653,575, 8 pages.
Design application specification and drawings for U.S. Appl. No. 29/584,739, filed Nov. 16, 2016, Inventor Michael Slipy, entitled "Head Mounted Audio-Visual Display System" 9 pages.
Design application specification and drawings for U.S. Appl. No. 29/603,737, filed May 11, 2016, Inventor David Charles Lundmark, et al., entitled "Head Mounted Audio-Visual Display System Connection Cable" 25 pages.
Design application specification and drawings for U.S. Appl. No. 29/575,027, filed Aug. 22, 2016, Inventor Bradley Fraser, et al., entitled "Mixed Reality Head Mounted Display" 9 pages.
Notice of Allowance dated Apr. 15, 2019 for U.S. Appl. No. 29/655,175.
Notice of Allowance dated Apr. 15, 2019 for U.S. Appl. No. 29/657,529.
Notice of Allowance dated Apr. 15, 2019 for Design U.S. Appl. No. 29/657,532.
Notice of Allowance dated Apr. 22, 2019 for Design U.S. Appl. No. 29/584,739.

* cited by examiner

Primary Examiner — Austin Murphy

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(57) CLAIM

We claim the ornamental design for padding for a head mounted audio-visual display system, as shown and described.

DESCRIPTION

This application is related to U.S. Design patent application Ser. No. 29/647,016, filed on May 9, 2018 and entitled "Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/647,017, filed on May 9, 2018 and entitled "Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/647,018, filed on May 9, 2018 and entitled "Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/647,019, filed on May 9, 2018 and entitled "Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/650,868, filed Jun. 11, 2018 and entitled "Padding for Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/650,872, filed Jun. 11, 2018 and entitled "Padding for Head Mounted Audio-Visual Display System," U.S. Design patent application Ser. No. 29/657,529, filed Jul. 23, 2018 and entitled "Pad for Head Mounted Audio-Visual Display System," and U.S. Design patent application Ser. No. 29/657,532, filed Jul. 23, 2018 and entitled "Pad for Head Mounted Audio-Visual Display System." The contents of the aforementioned patent applications are hereby expressly and fully incorporated by reference in their entirety, as though set forth in full.

FIG. 1 is a perspective view of a pad for a head mounted audio-visual display system showing a first embodiment of our design;

FIG. 2 is a front view of the first embodiment thereof;

FIG. 3 is a rear view of the first embodiment thereof;

FIG. 4 is a left view of the first embodiment thereof;

FIG. 5 is a right view of the first embodiment thereof;

FIG. 6 is a top view of the first embodiment thereof; and

FIG. 7 is a bottom view of the first embodiment thereof; and

FIG. 8 is a perspective view of the first embodiment thereof

FIG. 9 is a perspective view of a pad for a head mounted audio-visual display system showing a second embodiment of our design;

FIG. 10 is a front view of the second embodiment thereof;

FIG. 11 is a rear view of the second embodiment thereof;

FIG. 12 is a left view of the second embodiment thereof;

FIG. 13 is a right view of the second embodiment thereof;

FIG. 14 is a top view of the second embodiment thereof; and

FIG. 15 is a bottom view of the second embodiment thereof; and,

FIG. 16 is a perspective view of the second embodiment thereof.

The broken lines depicting various portions of a padding system for a head mounted audio-visual display system are included for the purpose of illustrating environmental structure and form no part of the claimed design.

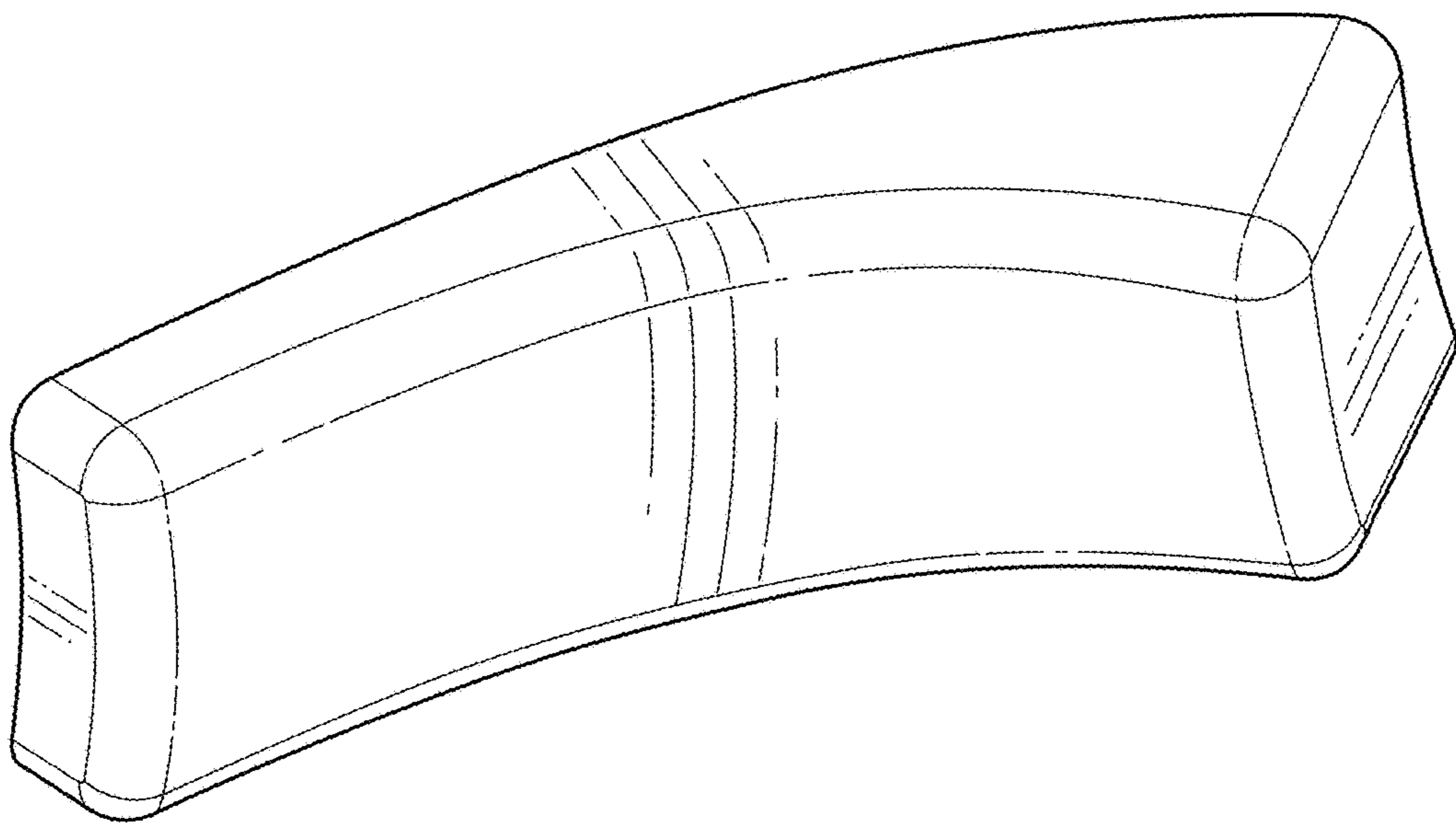


FIG. 1

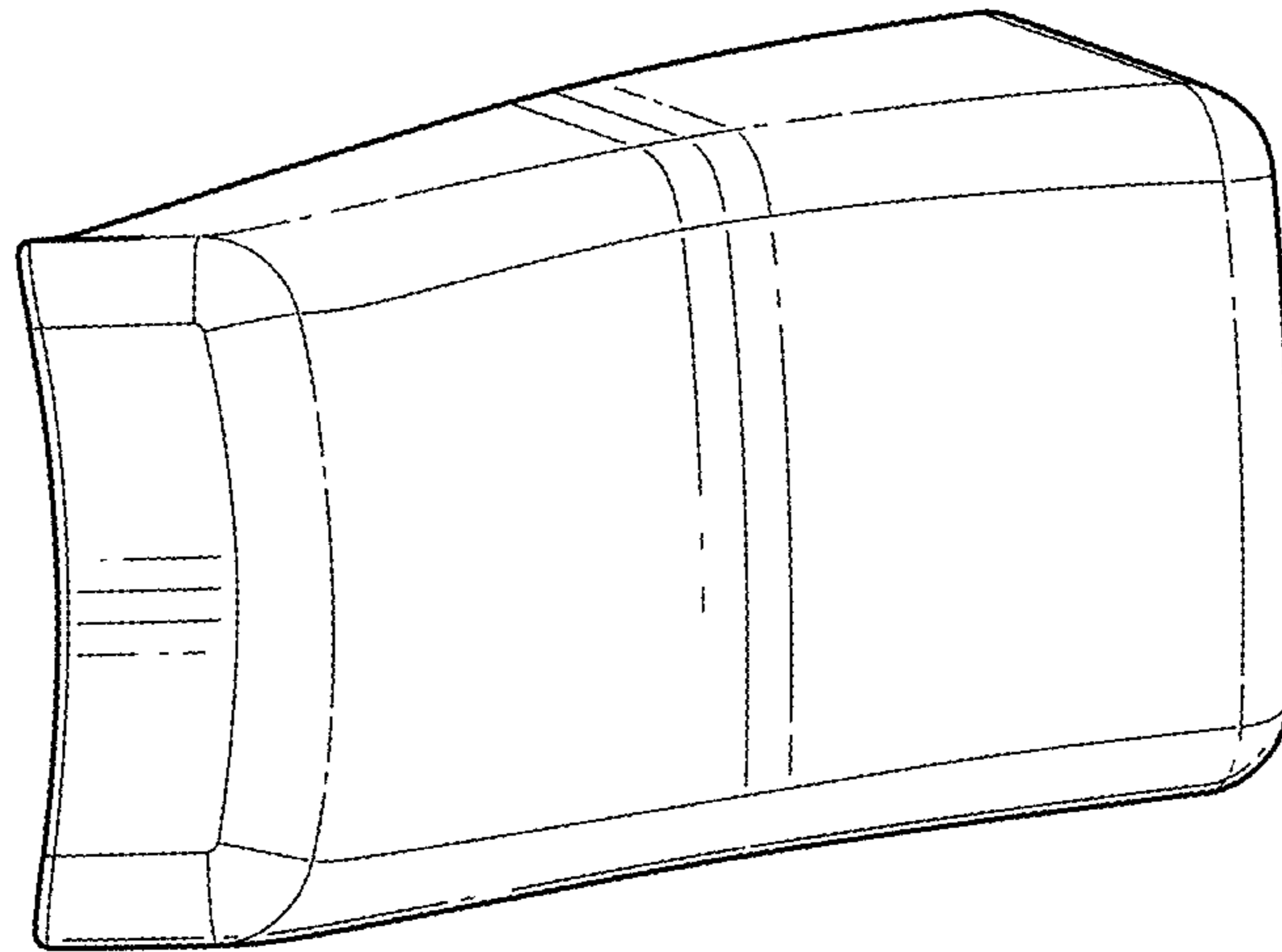


FIG. 2

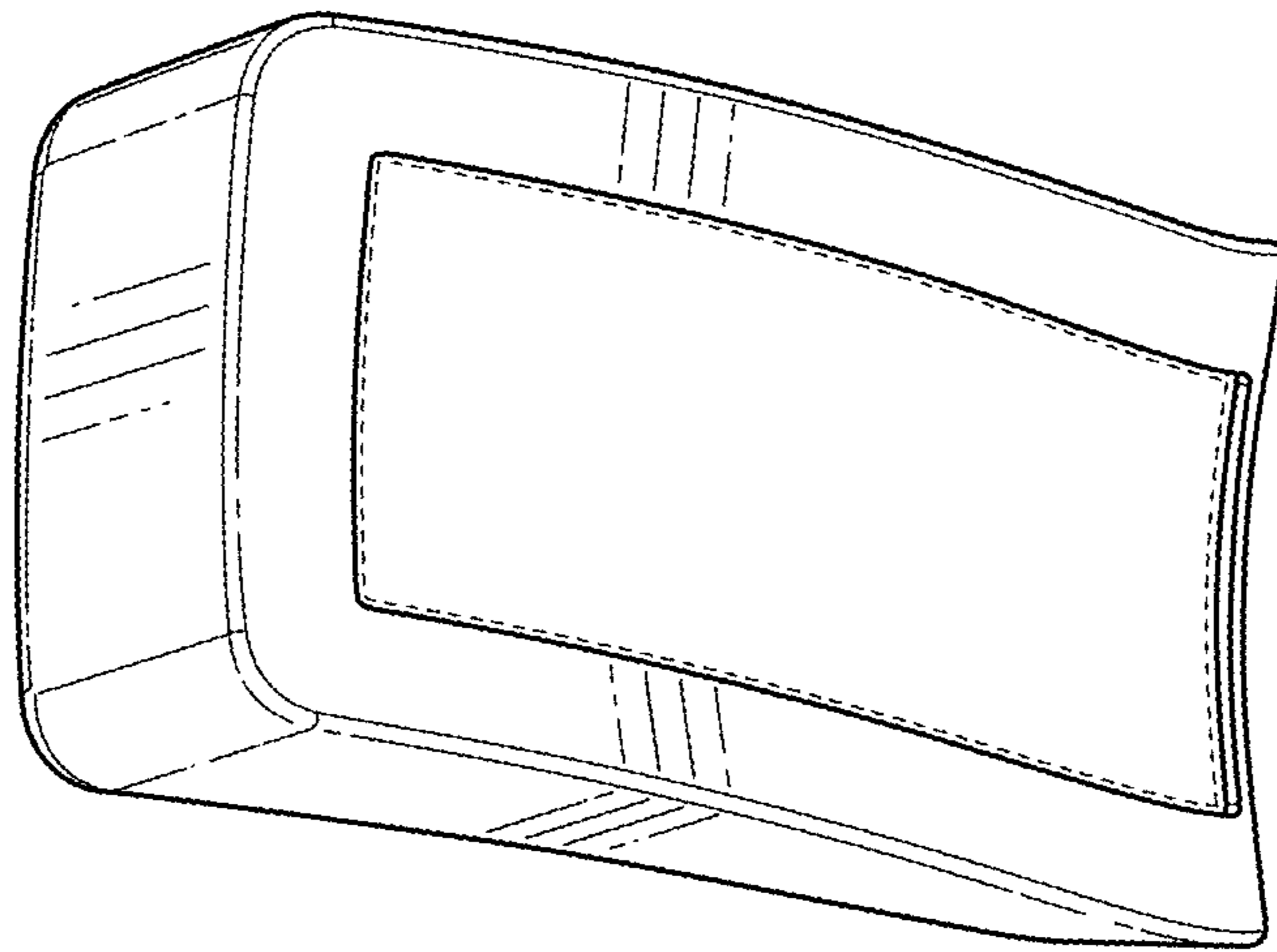


FIG. 3

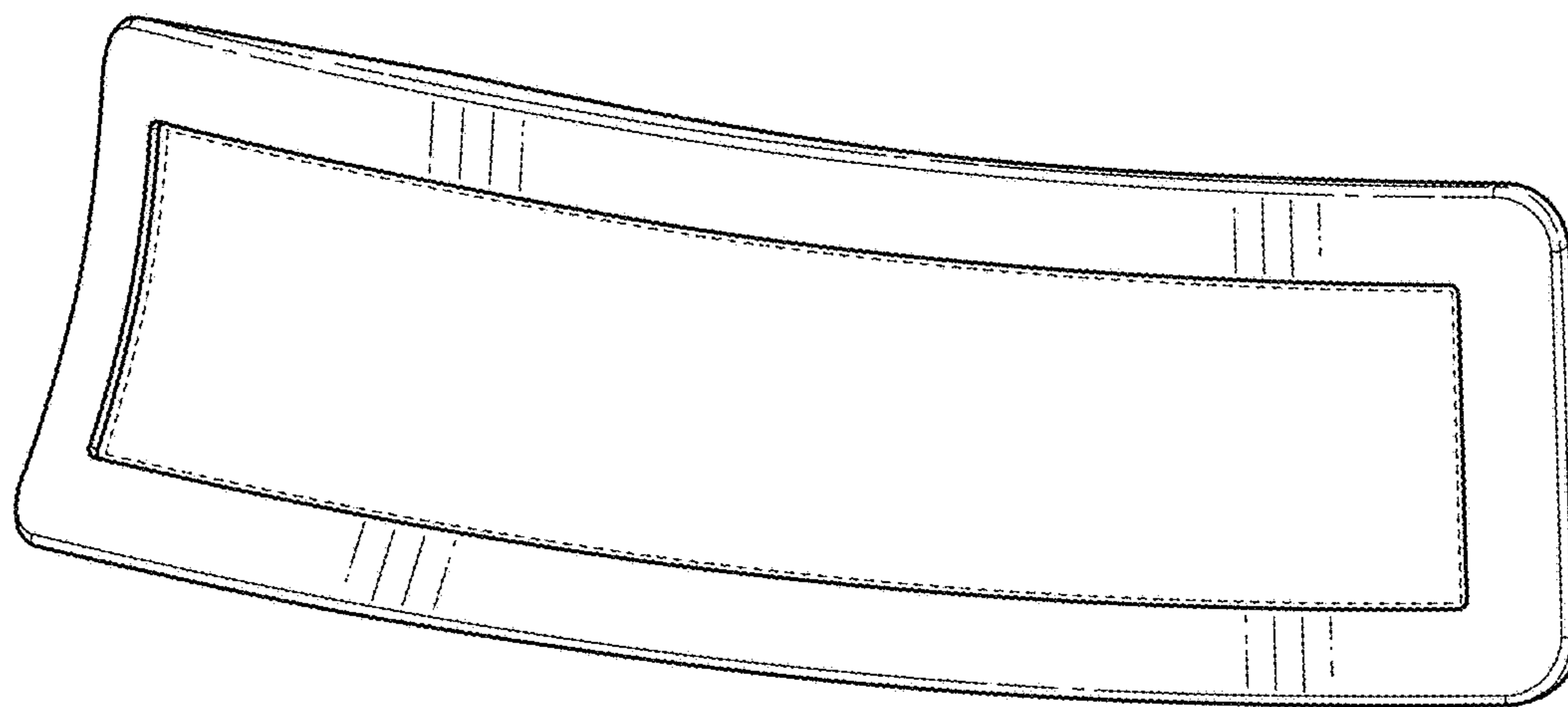


FIG. 4

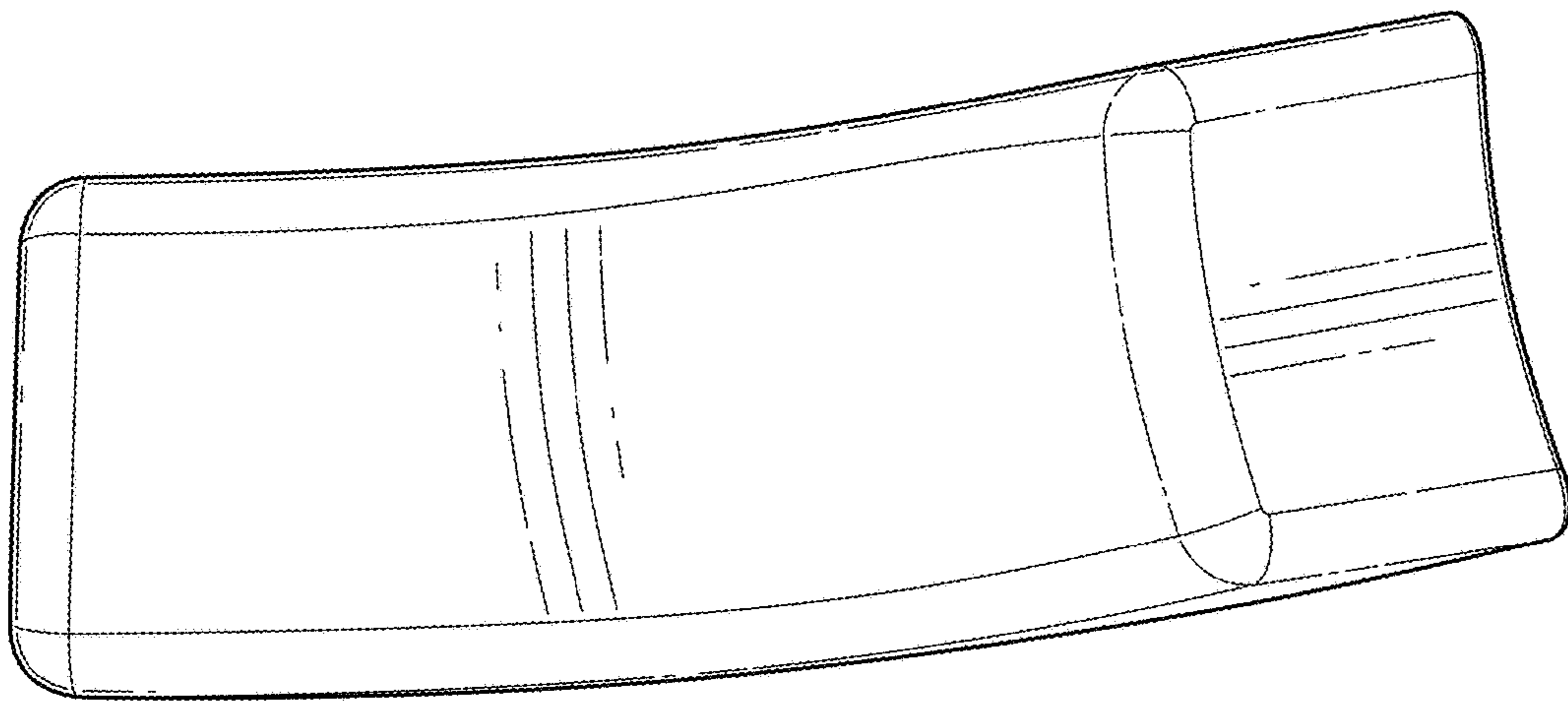


FIG. 5

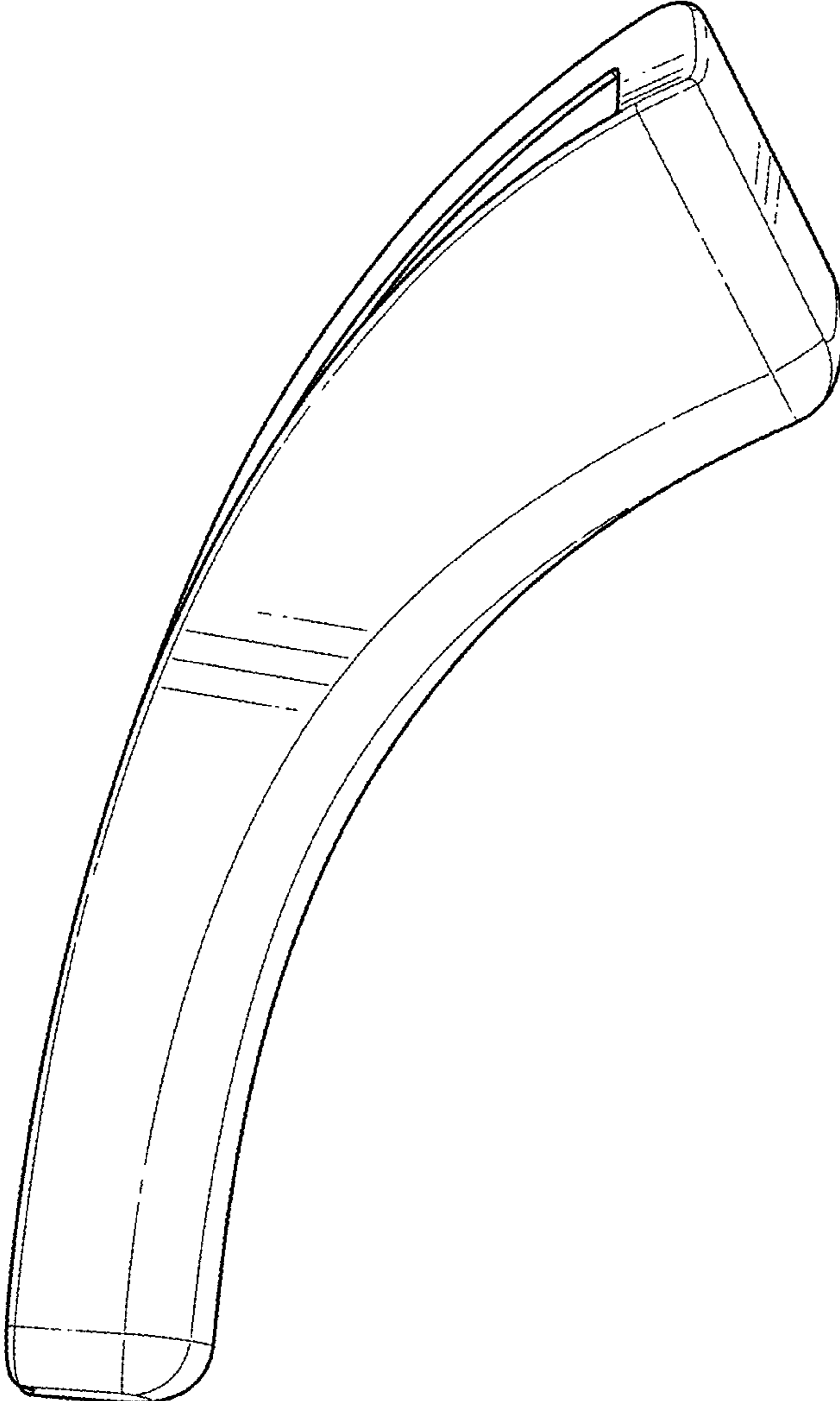


FIG. 6

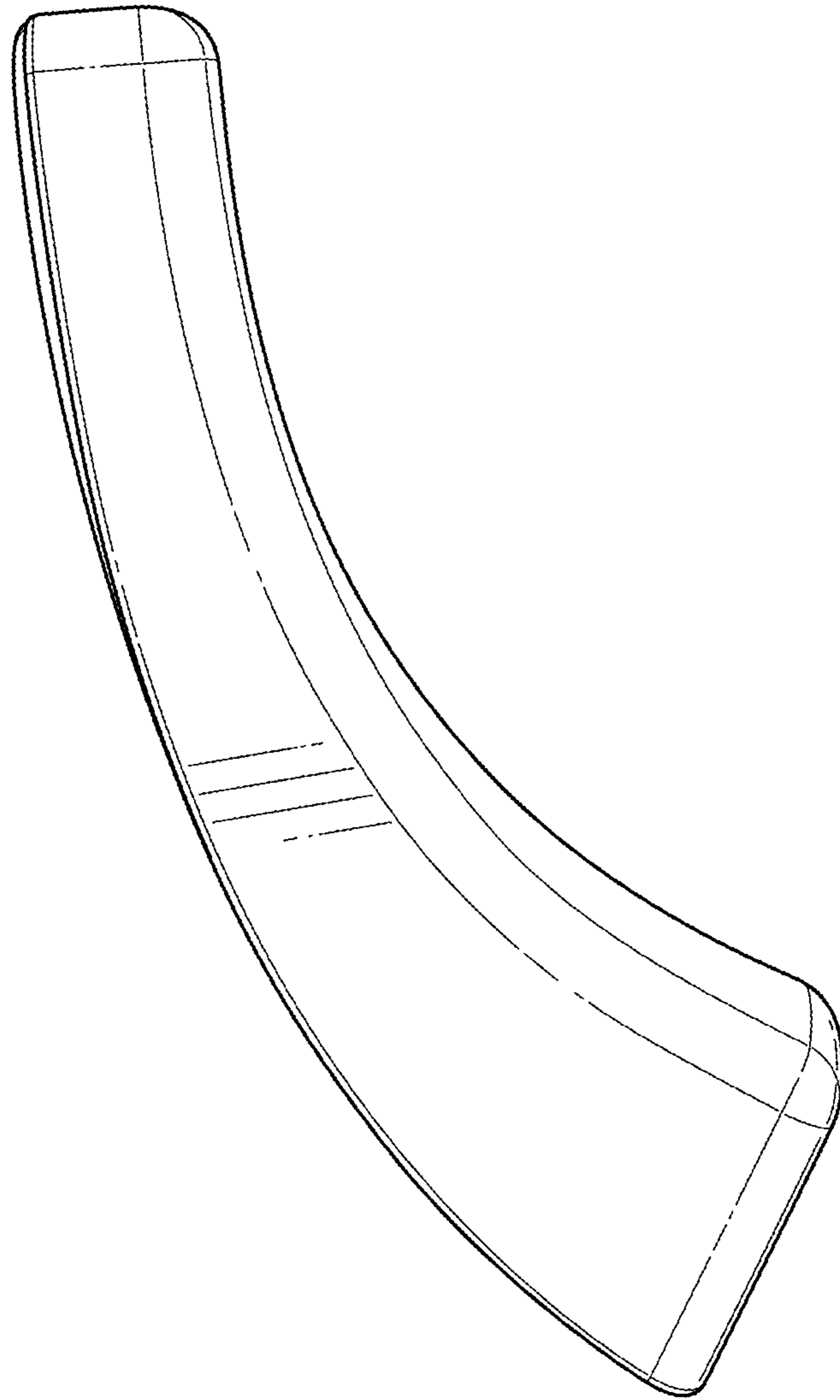


FIG. 7

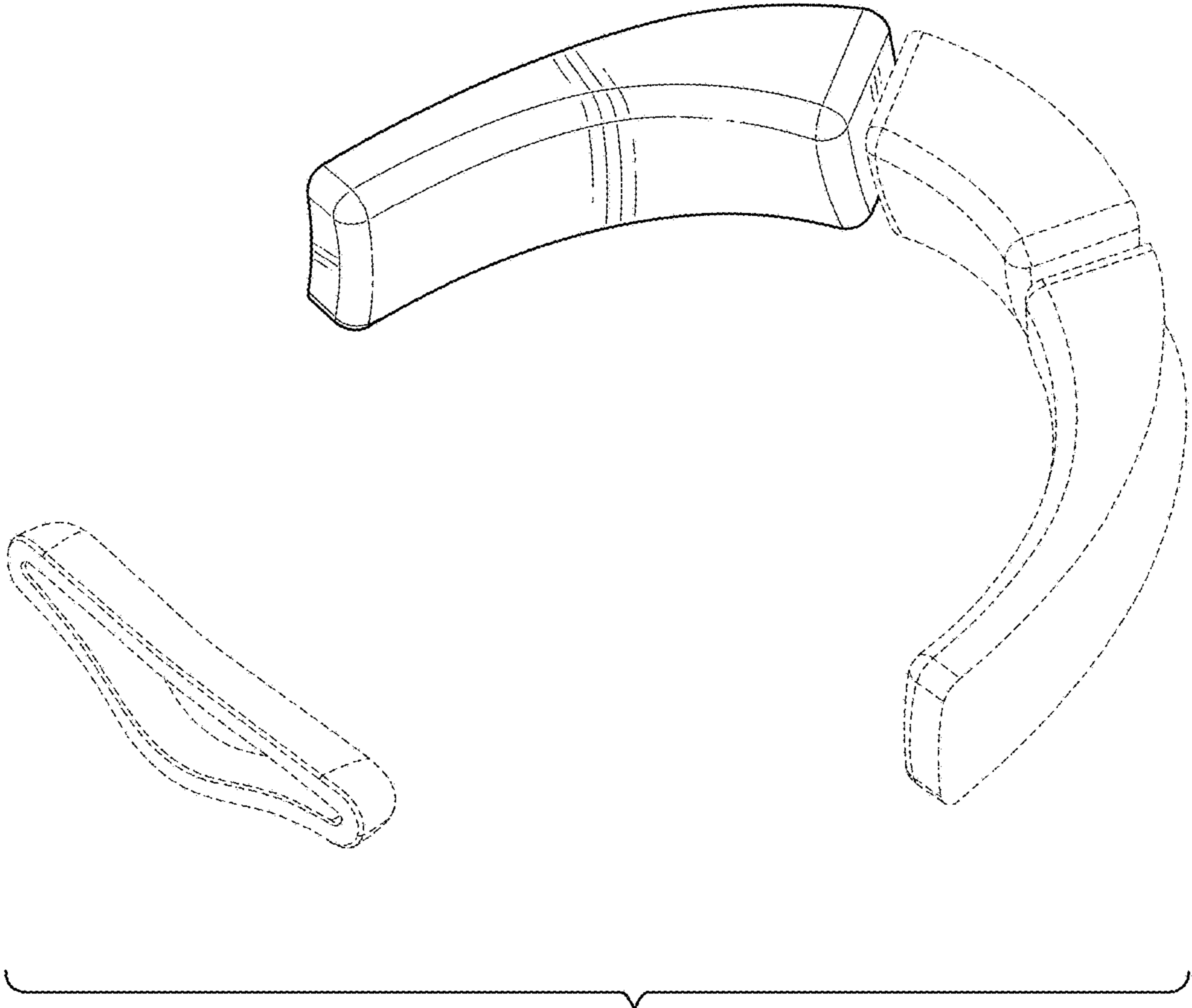


FIG. 8

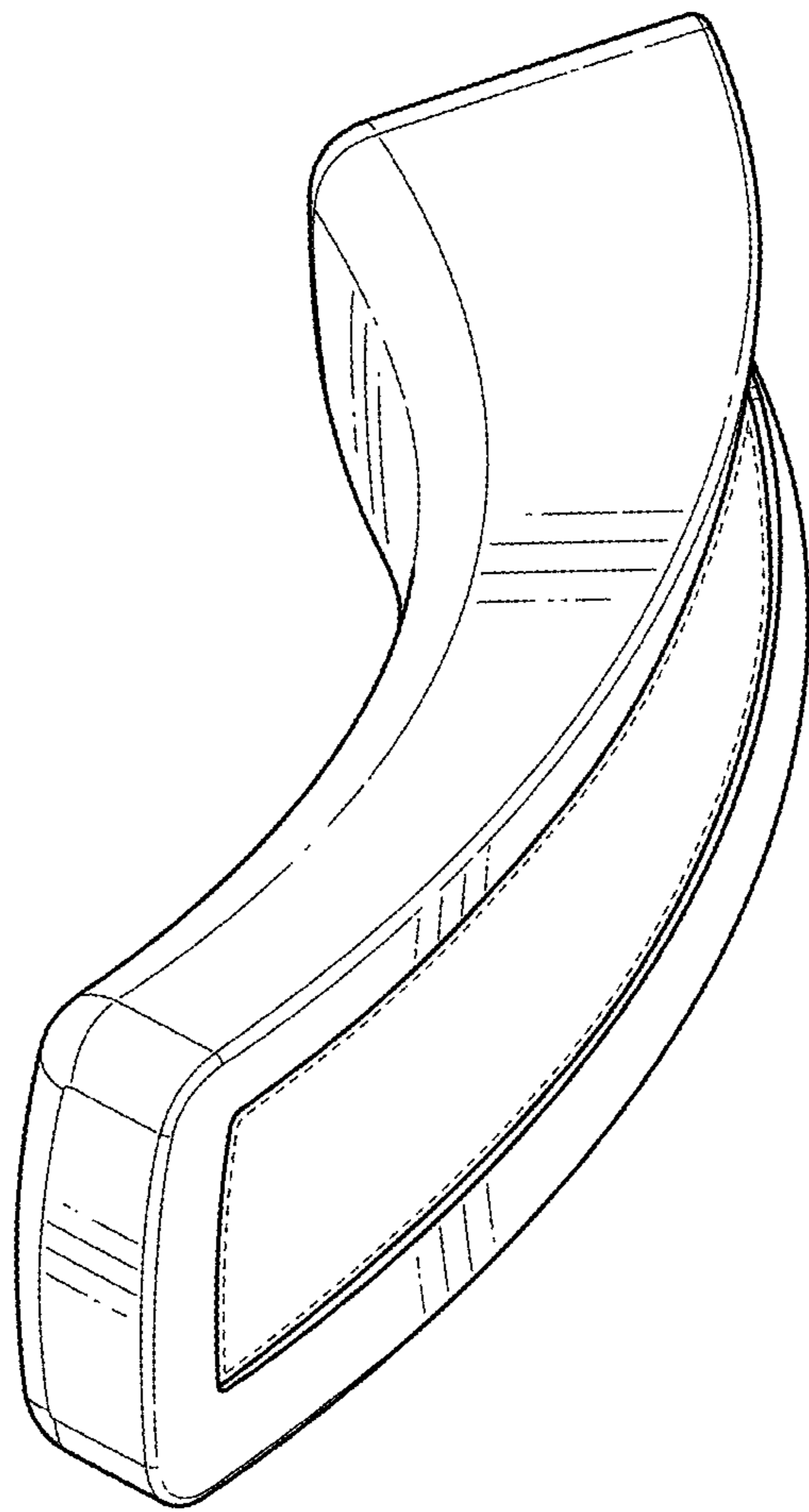


FIG. 9

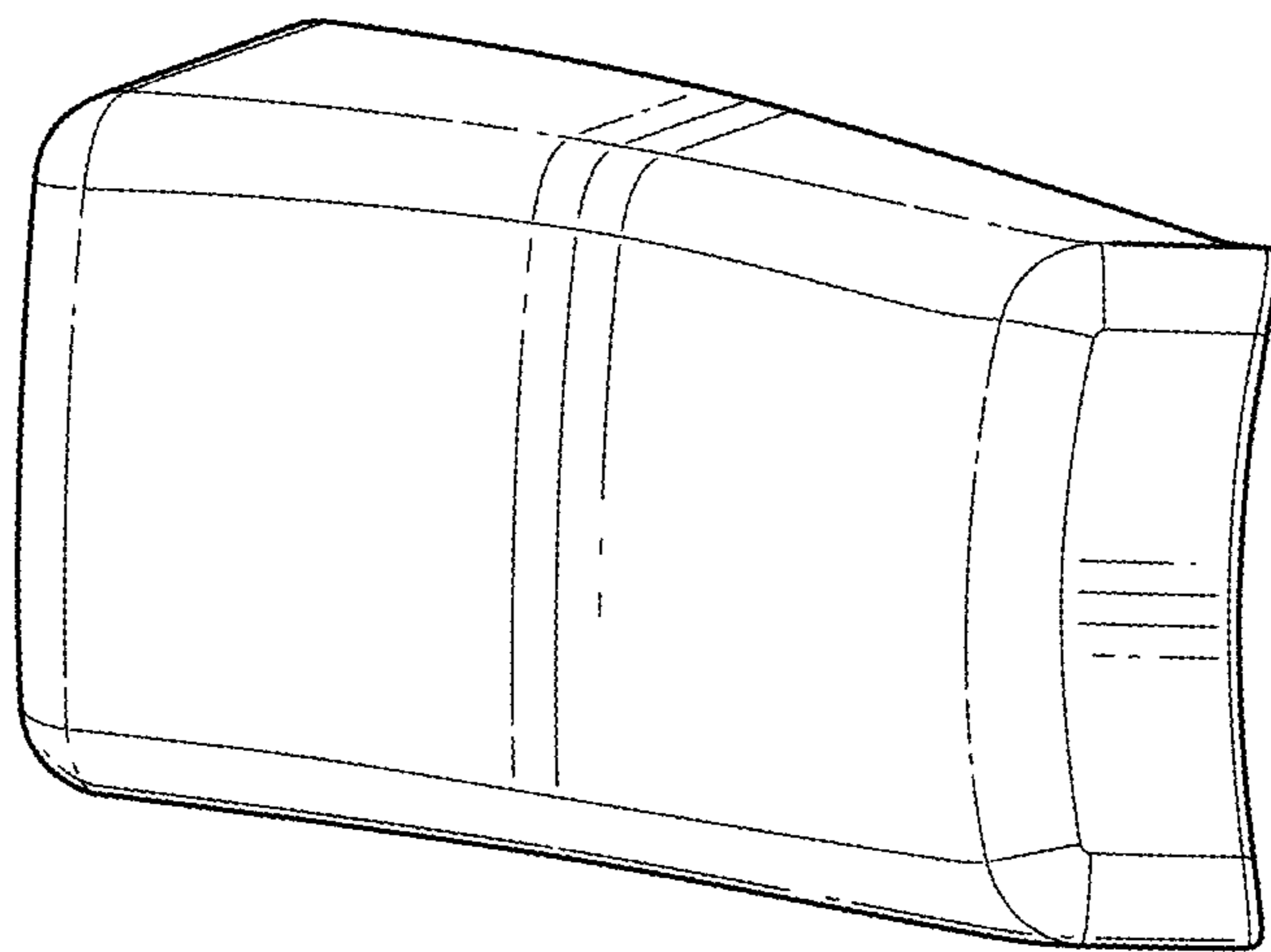


FIG. 10

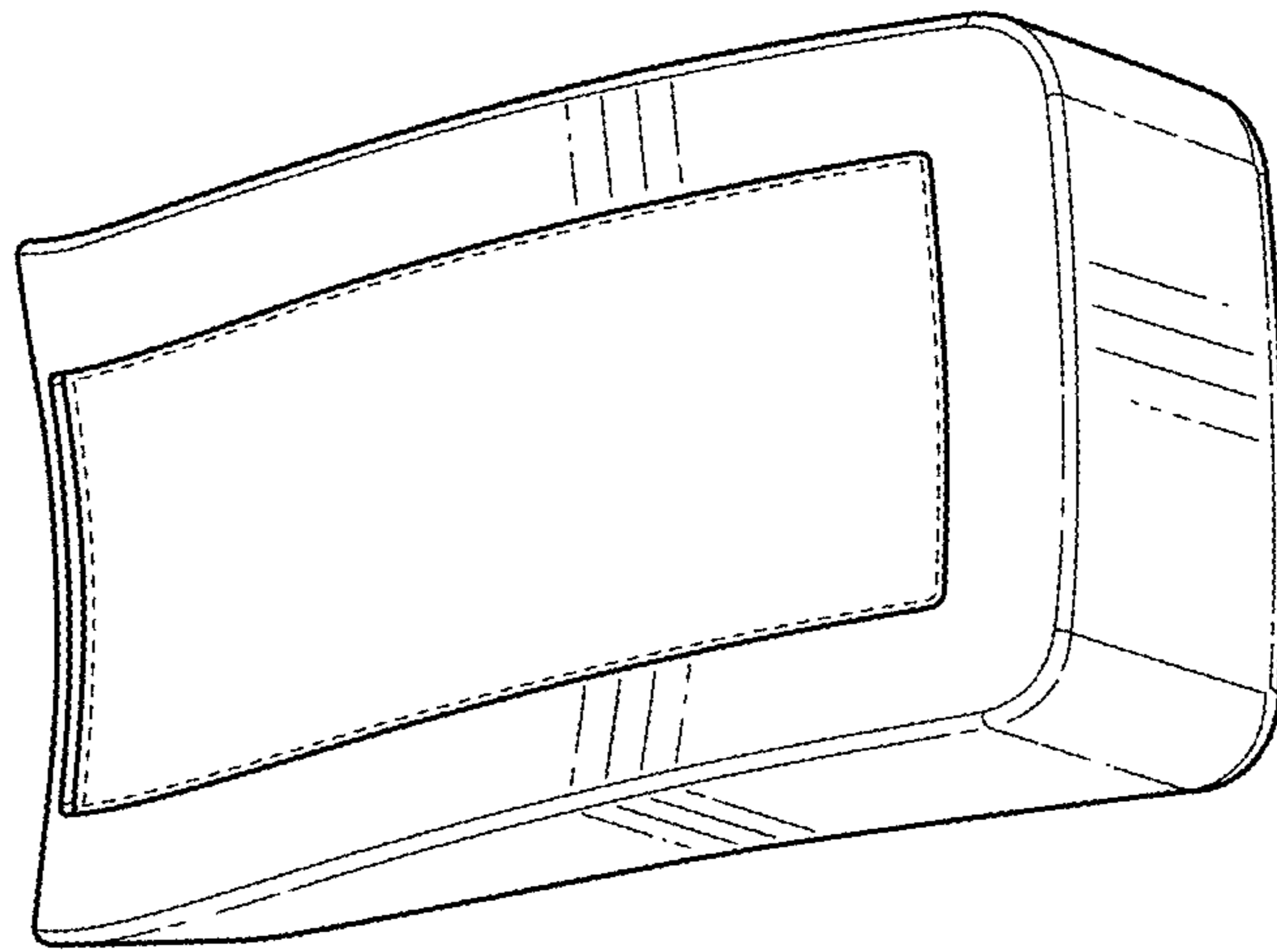


FIG. 11

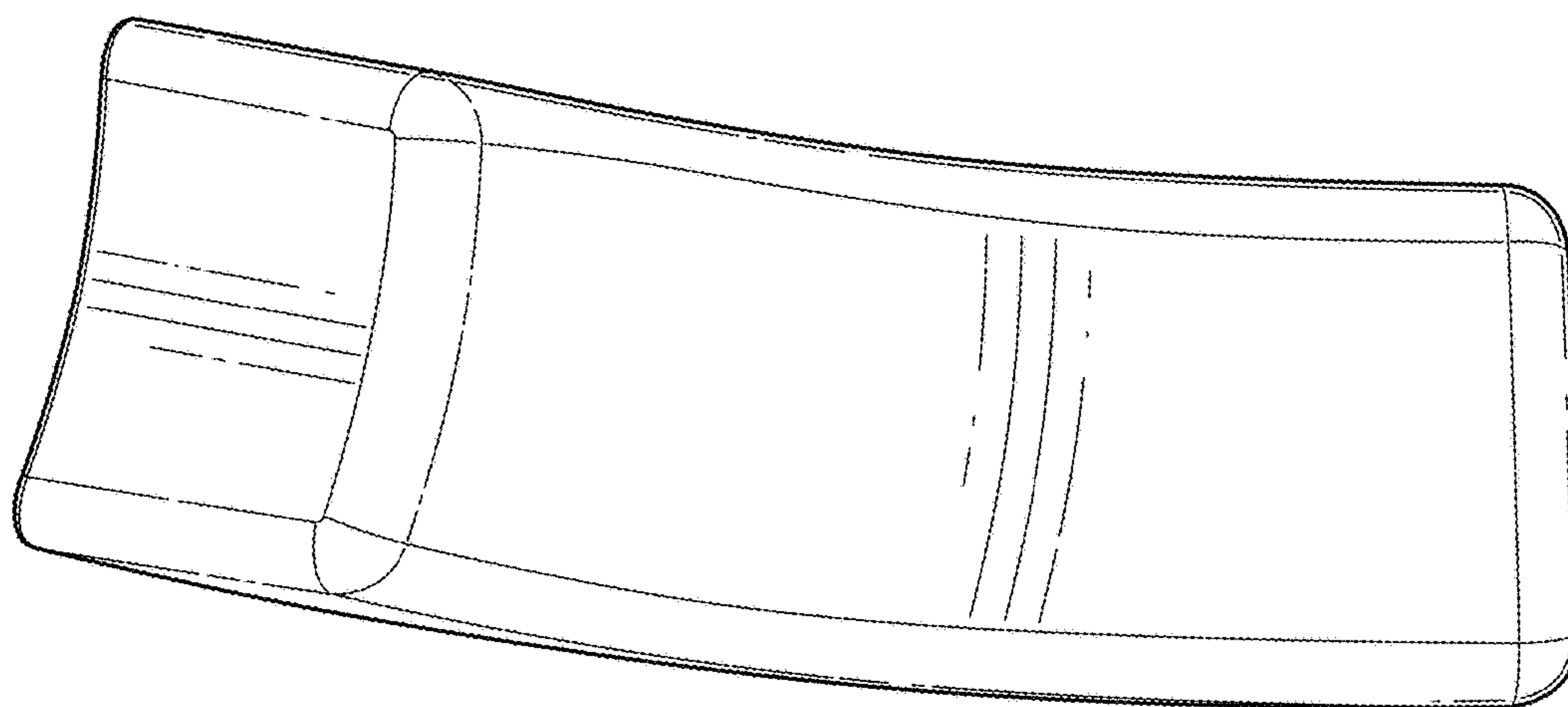


FIG. 12

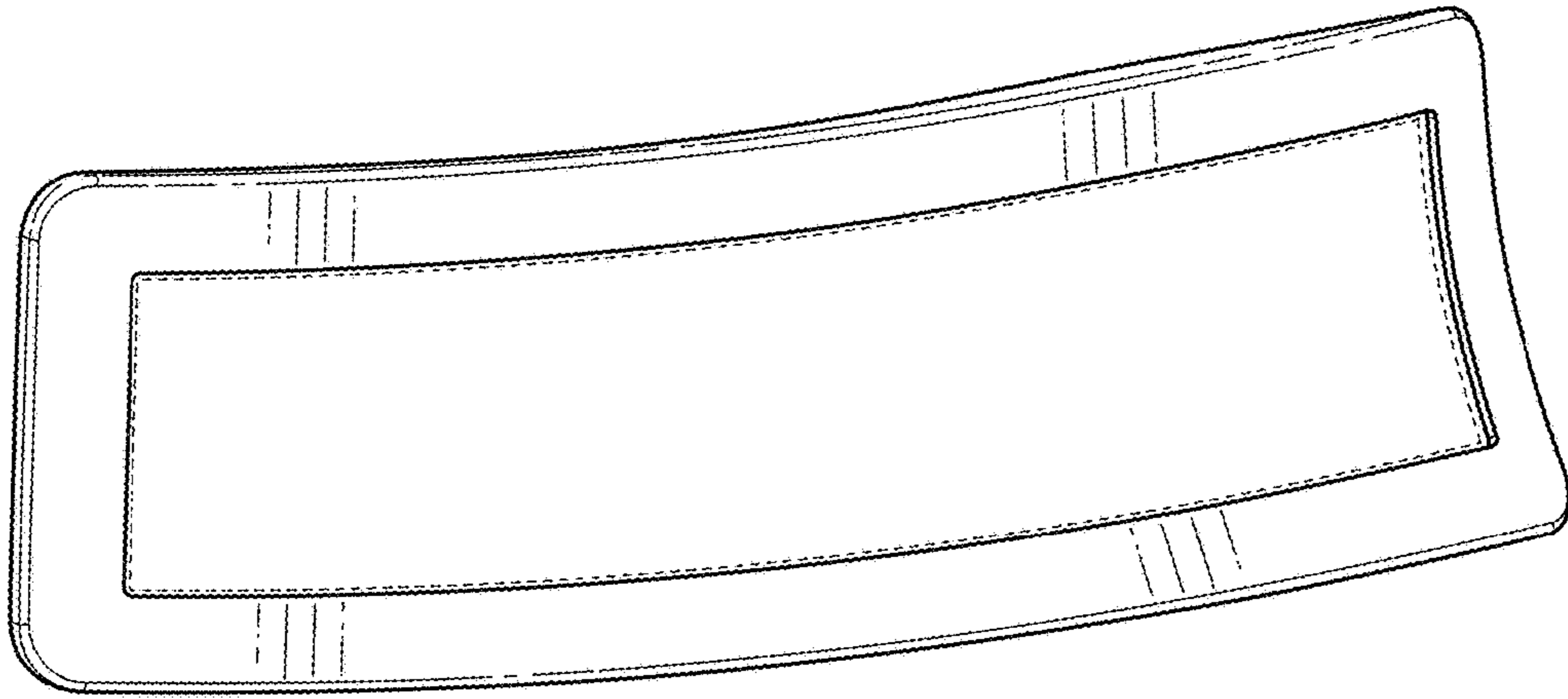


FIG. 13

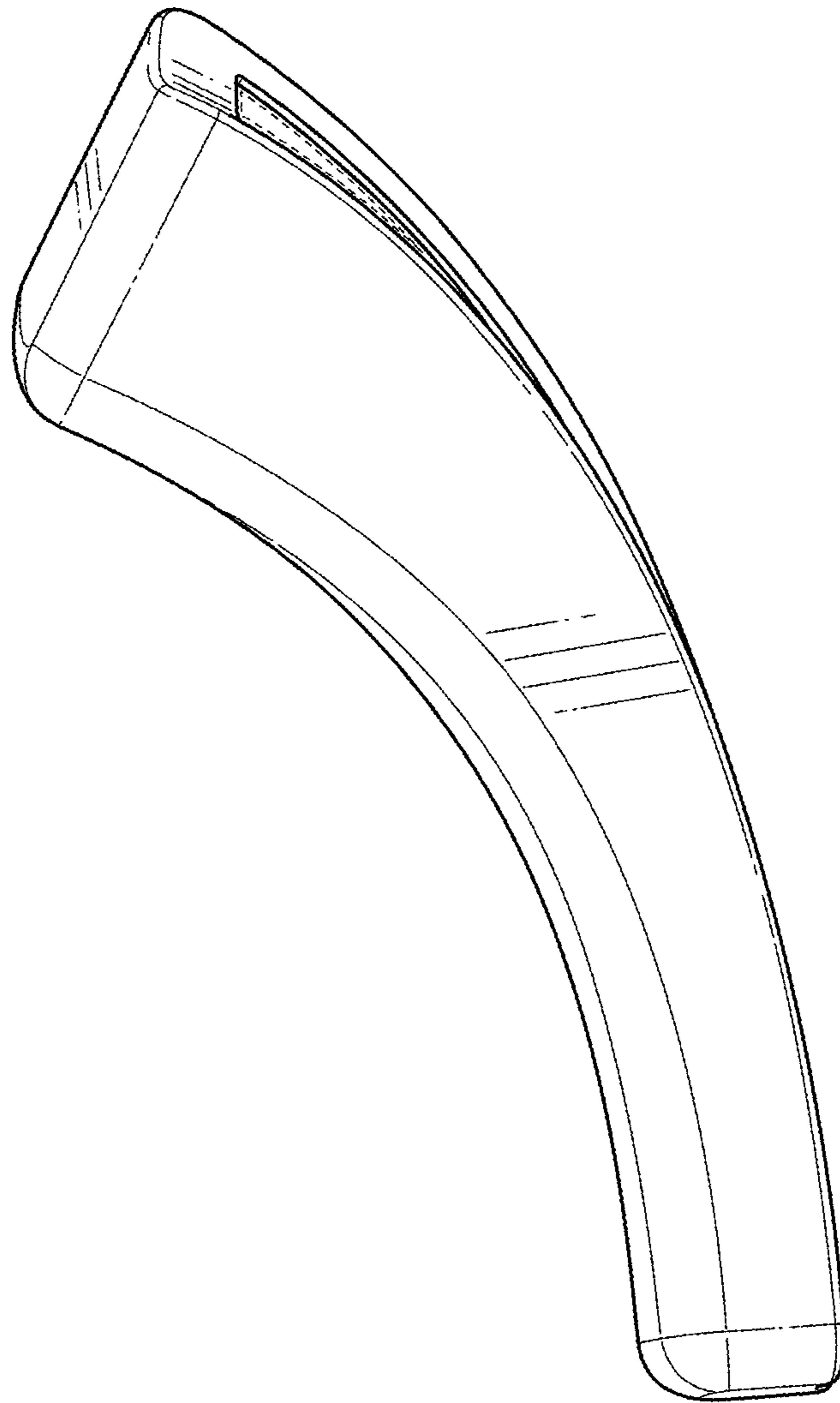


FIG. 14

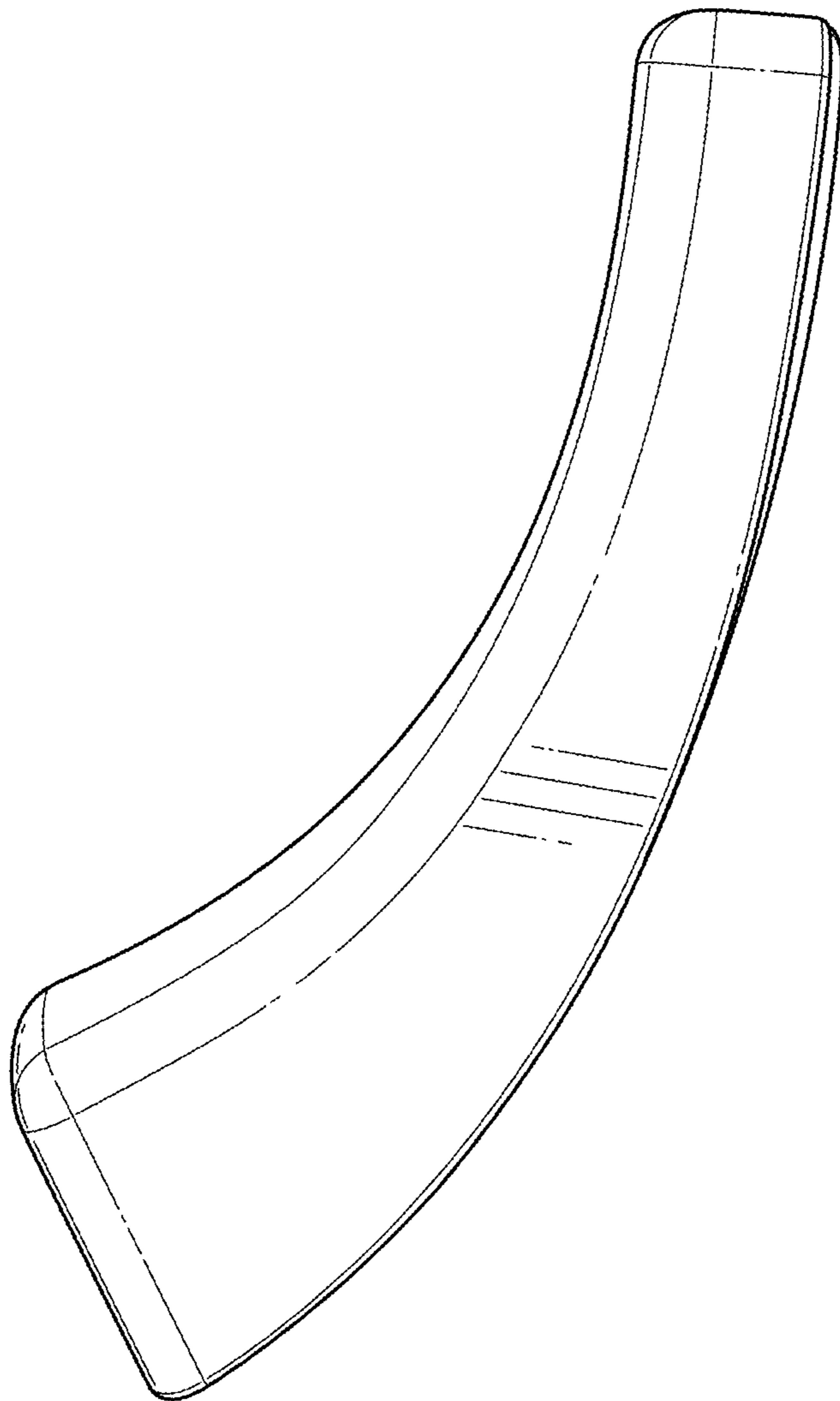


FIG. 15

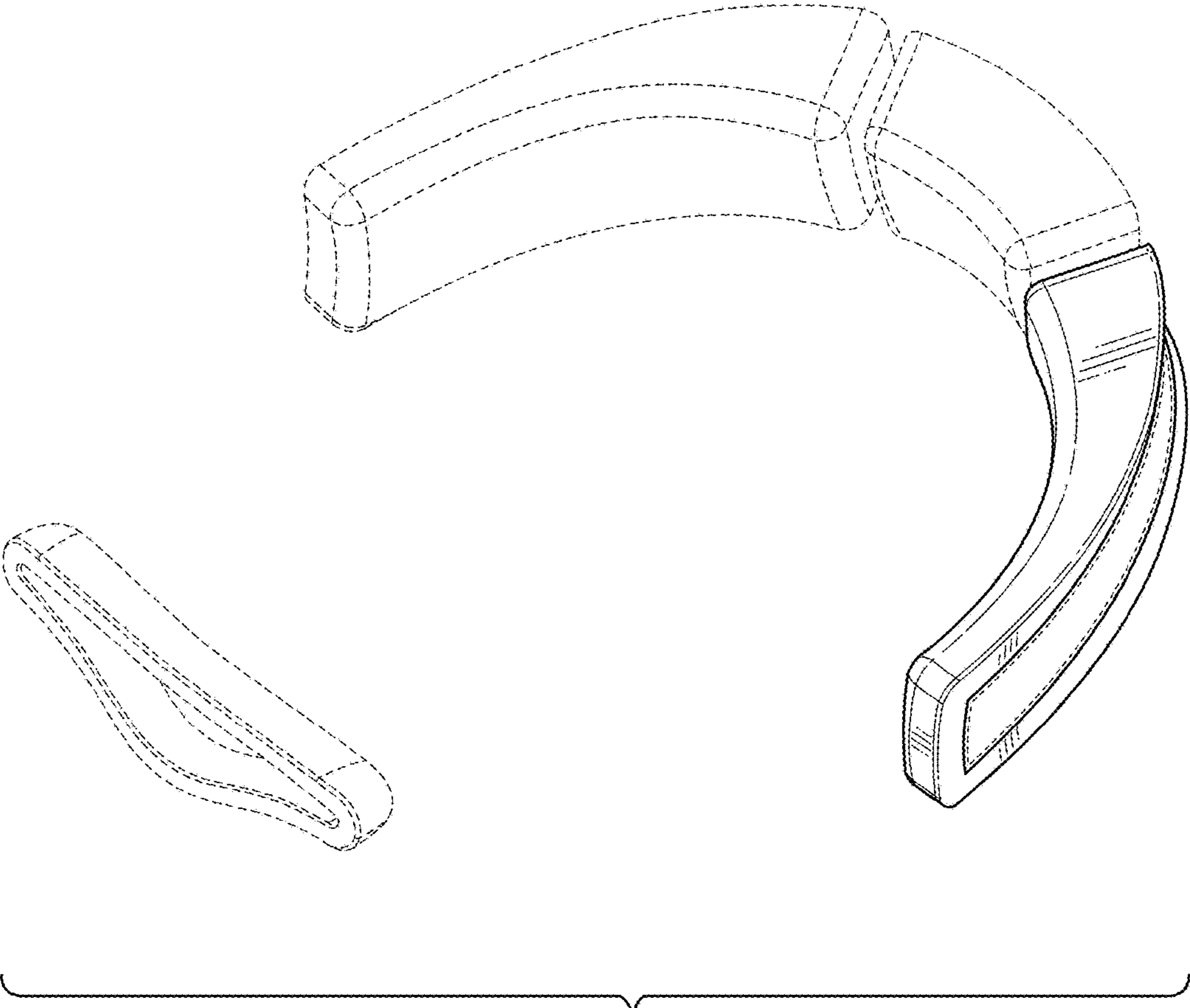


FIG. 16