



US00D912800S

(12) **United States Design Patent** (10) **Patent No.:** **US D912,800 S**
Li et al. (45) **Date of Patent:** **** Mar. 9, 2021**

(54) **INHALER**

(71) Applicant: **CHIA TAI TIANQING
PHARMACEUTICAL GROUP CO.,
LTD.**, Lianyungang (CN)

(72) Inventors: **Changhui Li**, Lianyungang (CN);
Xuebing Zhu, Lianyungang (CN);
Mingbo He, Lianyungang (CN)

(73) Assignee: **CHIA TAI TIANQING
PHARMACEUTICAL GROUP CO.,
LTD.**, Lianyungang (CN)

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

(21) Appl. No.: **29/648,822**

(22) Filed: **May 24, 2018**

(30) **Foreign Application Priority Data**

Nov. 28, 2017 (CN) 201730593098.0

(51) **LOC (13) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110**

(58) **Field of Classification Search**
USPC D24/107–108, 110, 110.5, 127, 164
CPC A61M 11/005; A61M 15/0085;
A61M 11/00; A61M 16/14; A61M 11/02;
A61M 15/00; A61M 15/0001; A61M
15/001; A61M 11/08; A61M 15/0021;
A61M 15/0023; A61M 2202/064; A61M
15/0028; A61M 15/003; A61M 15/0031;
A61M 15/0045; A61M 15/0051

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D189,076 S * 10/1960 Altman D24/110
D342,994 S 1/1994 Rand et al.

D518,171 S 3/2006 Anderson et al.
7,225,808 B2 6/2007 Davies et al.
D590,495 S * 4/2009 Lulla D24/110
D590,938 S 4/2009 Lulla et al.
D613,848 S 4/2010 Harvey et al.
D667,105 S 9/2012 Zuyderhoudt
D684,254 S 6/2013 Zuyderhoudt
D693,458 S 11/2013 Wright et al.

(Continued)

FOREIGN PATENT DOCUMENTS

CN 3470721 D 8/2005
CN 301841243 S 2/2012

(Continued)

OTHER PUBLICATIONS

Trademark: CN TM 3101099, Glaxo Group Limited, registration
announcement date Nov. 28, 2003.

(Continued)

Primary Examiner — Lilyana Bekic

(74) *Attorney, Agent, or Firm* — Sterne, Kessler,
Goldstein & Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for an inhaler, as shown and
described.

DESCRIPTION

FIG. 1 is a front, right, and top perspective view of an inhaler
showing the claimed design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a left-side elevation view thereof;

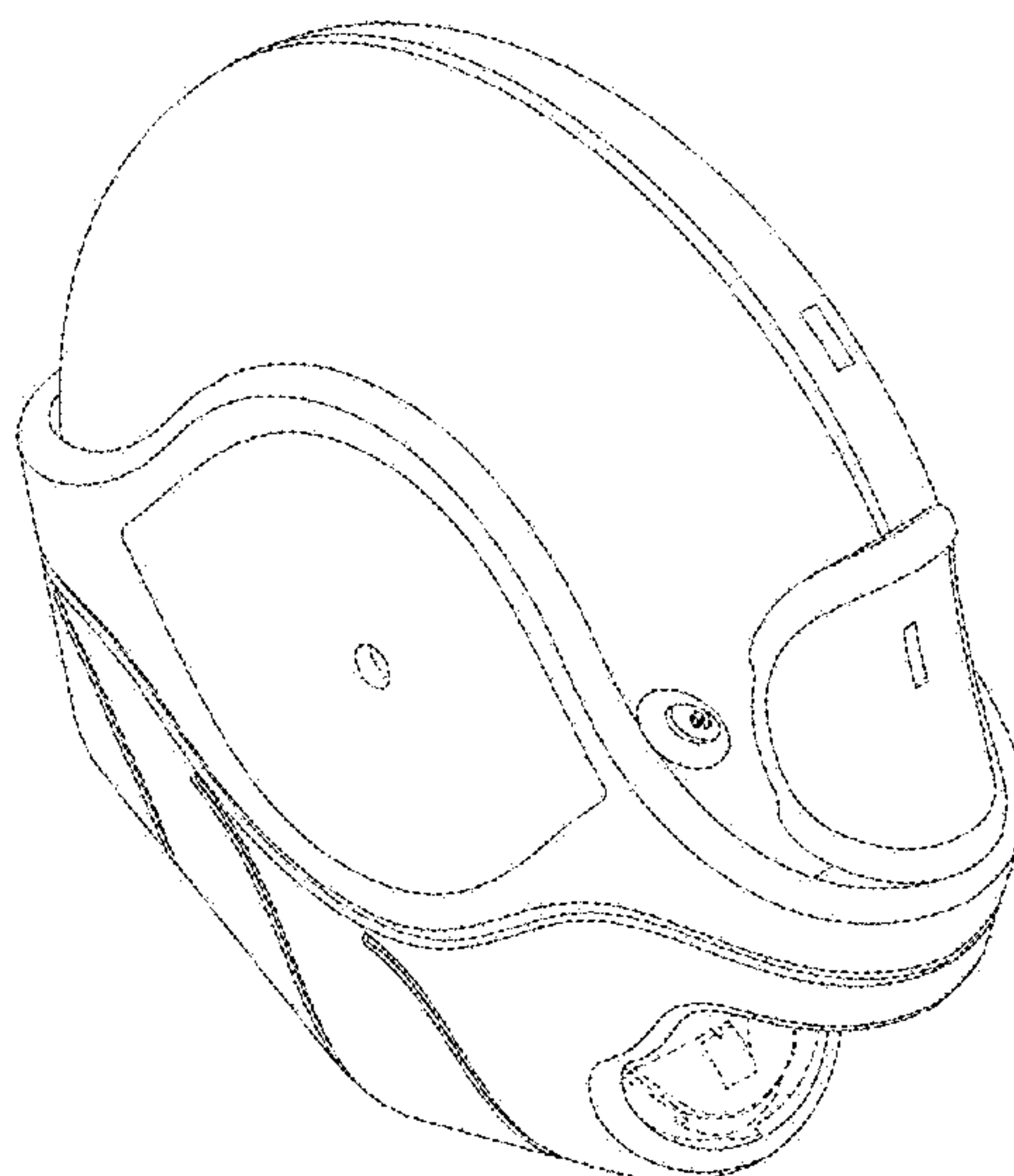
FIG. 5 is a right-side elevation view thereof;

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

FIG. 7 is a bottom plan view thereof.

The broken lines in the figures show portions of the inhaler
that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D733,287 S 6/2015 Bilgic
D737,425 S 8/2015 Wieczorek
D746,378 S 12/2015 Manowski et al.
D767,114 S 9/2016 White et al.
D769,439 S 10/2016 White et al.
D781,412 S * 3/2017 Wieczorek D24/110
D791,931 S 6/2017 Kang
D795,414 S 8/2017 Soni et al.
D797,920 S 9/2017 Lamba et al.
D827,124 S * 8/2018 Wieczorek D24/110
D838,835 S 1/2019 Wu
10,220,166 B2 * 3/2019 Van Sickle A61M 15/00
D863,529 S 10/2019 Clement et al.
2004/0035420 A1 * 2/2004 Davies A61M 15/0065
128/203.15
2005/0247306 A1 * 11/2005 Harvey A61M 15/0055
128/200.21
2011/0271958 A1 * 11/2011 Sawant A61M 15/0075
128/203.21
2014/0158704 A1 * 6/2014 Anderson A61M 15/0055
221/25
2014/0366871 A1 * 12/2014 Thoemmes A61M 11/006
128/200.14
2015/0157812 A1 * 6/2015 Thoe A61M 15/0033
128/203.15
2016/0175547 A1 * 6/2016 Nakamura A61M 15/0041
128/203.15
2018/0214647 A1 * 8/2018 Meliniotis A61M 15/0055
2018/0264211 A1 * 9/2018 Bilgic A61M 15/0045
2019/0307975 A1 * 10/2019 Gupta A61M 15/0068
2019/0328984 A1 * 10/2019 Yang A61B 5/4833

FOREIGN PATENT DOCUMENTS

CN 303035016 S 12/2014
EM 000105044-0003 2/2004
EM 000105044-0004 2/2004
EM 000105044-0005 2/2004
EM 000105044-0006 2/2004
EM 000697404-0001 4/2007
EM 000861109-0001 3/2008
EM 001596933-0001 8/2009
EM 001842220-0001 4/2011

EM 001842220-0002 4/2011
EM 001842220-0003 4/2011
EM 001842246-0001 4/2011
EM 002242610-0001 3/2013
EM 002226407-0001 5/2013
EM 002226407-0002 5/2013
EM 002242354-0001 6/2013
EM 002242404-0001 6/2013
EM 002242412-0001 6/2013
EM 001245476-0001 7/2013
EM 002256834-0001 7/2013
EM 002256834-0002 7/2013
EM 002277459-0001 7/2013
EM 002283309-0001 9/2013
EM 001286975-0001 11/2013
EM 001281638-0013 12/2013
EM 001937186-0001 1/2014
EM 002429696-0002 3/2014
EM 002542399-0001 10/2014
EM 002542399-0002 10/2014
EM 002678292-0001 4/2015
EM 001245492-0001 9/2015
EM 002804195-0001 12/2015
EM 002804195-0002 12/2015
EM 003003086-0001 2/2016
EM 002960237-0001 6/2016
EM 005230091-0001 5/2019
EM 003931294-0001 7/2019
EM 003712314-0001 8/2019
EM 004247252-0005 11/2019
FR 920225-0001 3/1992
GB D2015978 7/1991
GB 2274273 A 7/1994

OTHER PUBLICATIONS

Trademark: CN TM 3101102, Glaxo Group Limited, registration announcement date Oct. 14, 2003.

Trademark: EM 011131588, Glaxo Group Limited, Registered Jul. 21, 2014.

Trademark: EM 014178594, Celon Pharma Spółka Akcyjna S.A., Application Filed: May 31, 2015.

Trademark: UK 0002353195 D, Glaxo Group Limited, Registered Jan. 18, 2008.

* cited by examiner



FIG. 1

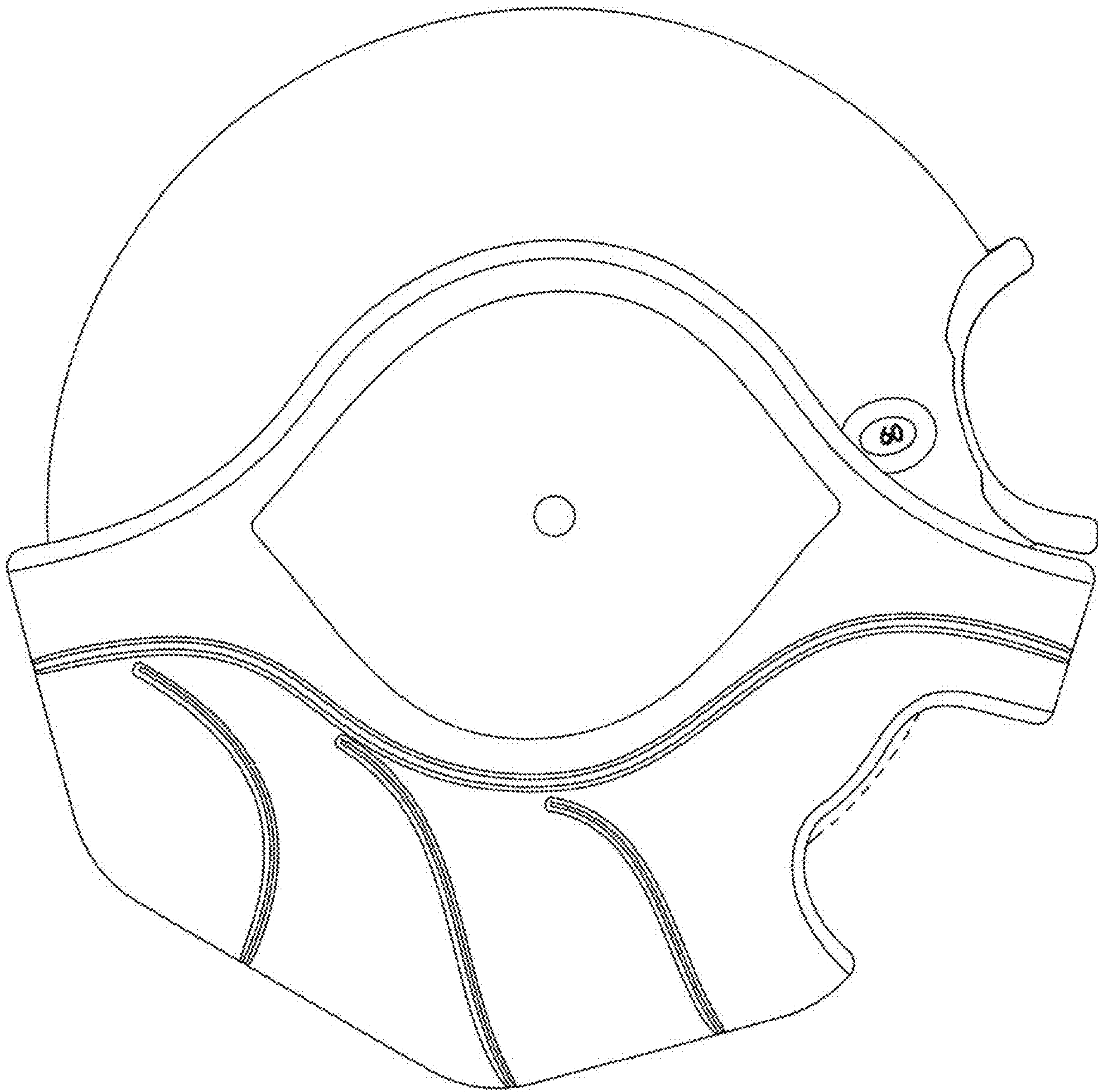


FIG. 2

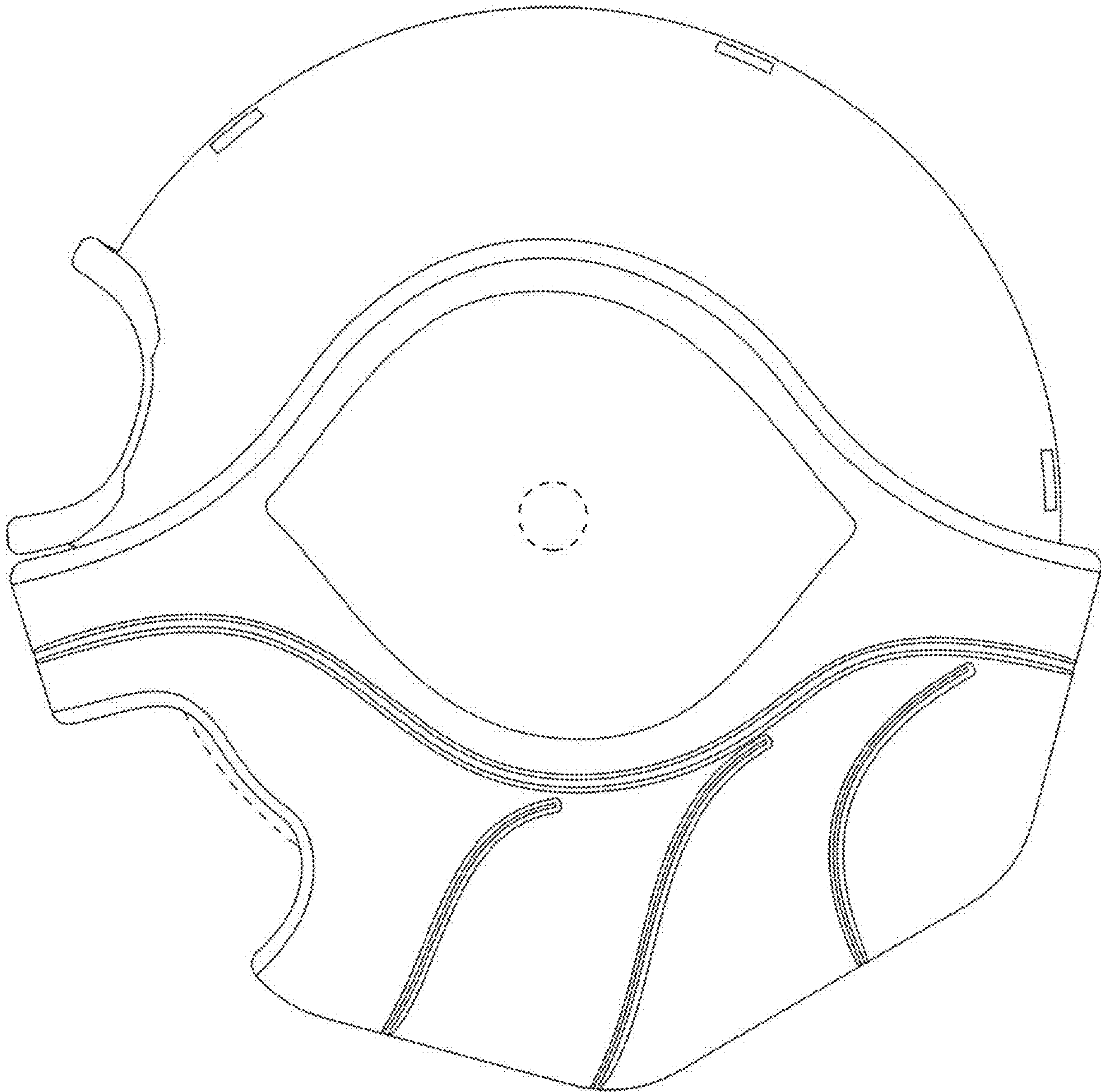


FIG. 3

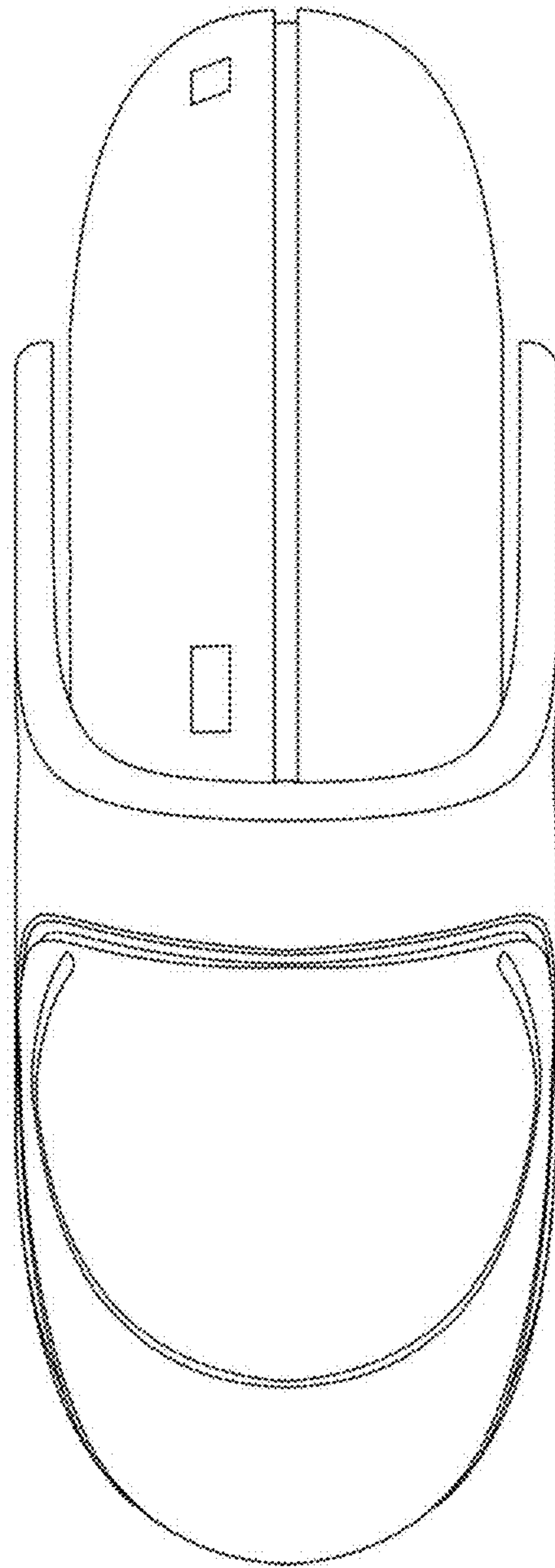


FIG. 4

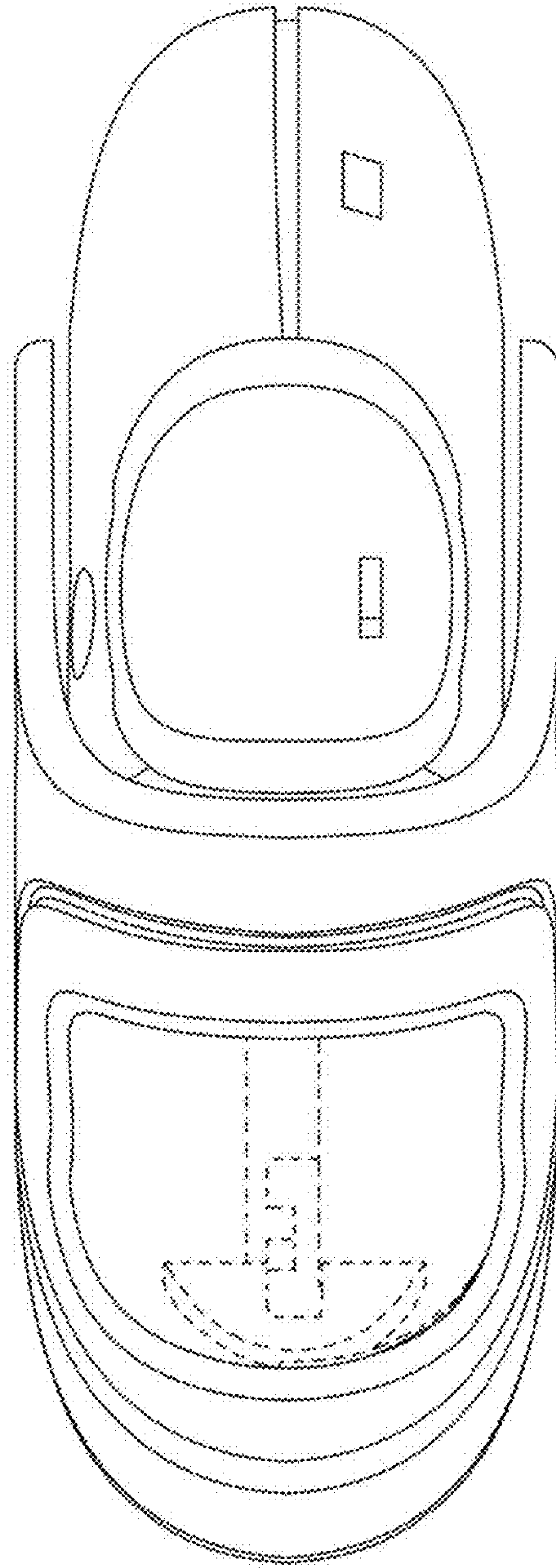


FIG. 5

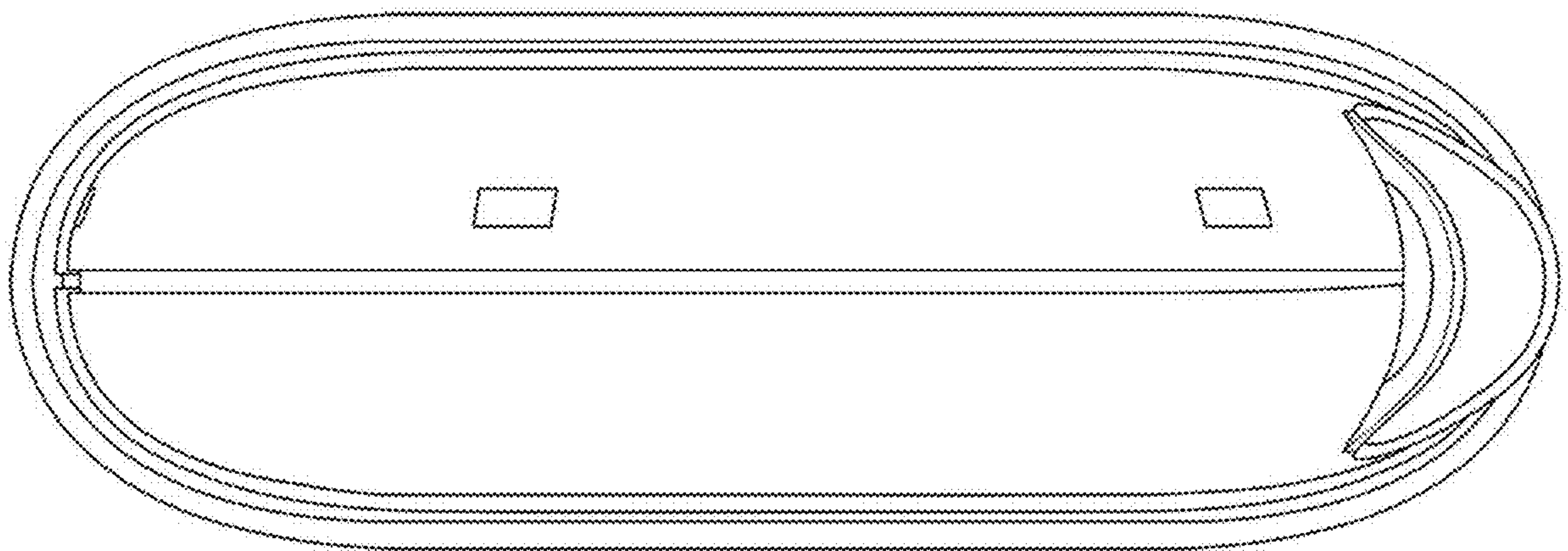


FIG. 6

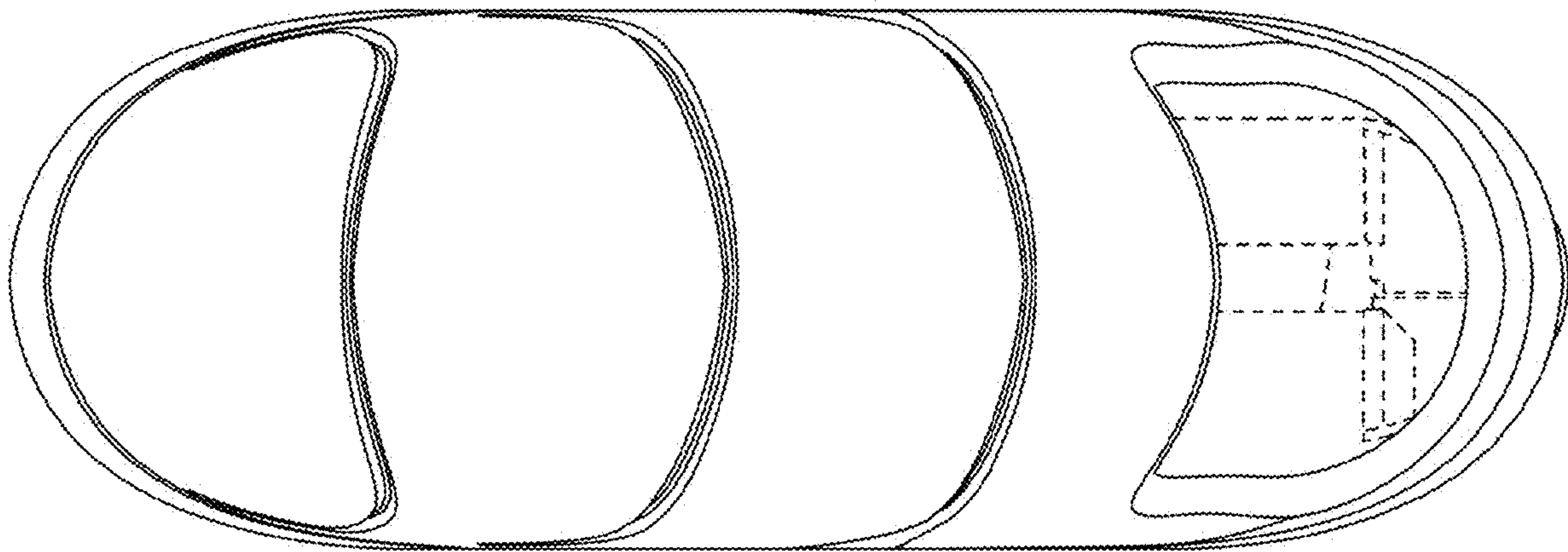


FIG. 7