



US00D824510S

(12) **United States Design Patent** (10) **Patent No.:** **US D824,510 S**
Kinsey et al. (45) **Date of Patent:** **** Jul. 31, 2018**

(54) **INHALER**
(71) Applicant: **Mannkind Corporation**, Valencia, CA (US)
(72) Inventors: **P. Spencer Kinsey**, Sandy Hook, CT (US); **Brendan Laurenzi**, Middlebury, CT (US); **Benoit Adamo**, Mount Kisco, NY (US)
(73) Assignee: **MannKind Corporation**, Westlake Village, CA (US)
(**) Term: **15 Years**

D629,887 S * 12/2010 Adamo D24/110.5
D629,888 S * 12/2010 Adamo D24/110.5
D635,242 S * 3/2011 Adamo D24/110
D635,243 S * 3/2011 Kinsey D24/110
D636,867 S * 4/2011 Polidoro D24/110
D636,868 S * 4/2011 Kinsey D24/110
D636,869 S * 4/2011 Laurenzi D24/110
D674,893 S * 1/2013 Kinsey D24/110
D697,200 S * 1/2014 Mahaffy D24/110
D742,503 S * 11/2015 Mullinger D24/110
D776,278 S * 1/2017 Newman D24/164
9,662,461 B2 * 5/2017 Smutney
D797,935 S * 9/2017 Newman D24/164
9,802,012 B2 * 10/2017 Smutney A61M 15/00
2004/0182387 A1 * 9/2004 Steiner A61M 15/0028
128/203.15

(Continued)

(21) Appl. No.: **29/553,300**
(22) Filed: **Jan. 29, 2016**
(51) **LOC (11) Cl.** **29-02**
(52) **U.S. Cl.**
USPC **D24/110**
(58) **Field of Classification Search**
USPC D24/107, 108, 110, 110.5, 164;
D27/100, 101, 163
CPC A61M 15/00; A61M 15/0001; A61M
15/0021; A61M 15/0045; A61M 15/0028;
A61M 15/0091; A61M 2202/064
See application file for complete search history.

Primary Examiner — Karen E Kearney
Assistant Examiner — Lilyana Bekic
(74) *Attorney, Agent, or Firm* — K&L Gates LLP; Louis C. Cullman; Brian J. Novak

(57) **CLAIM**

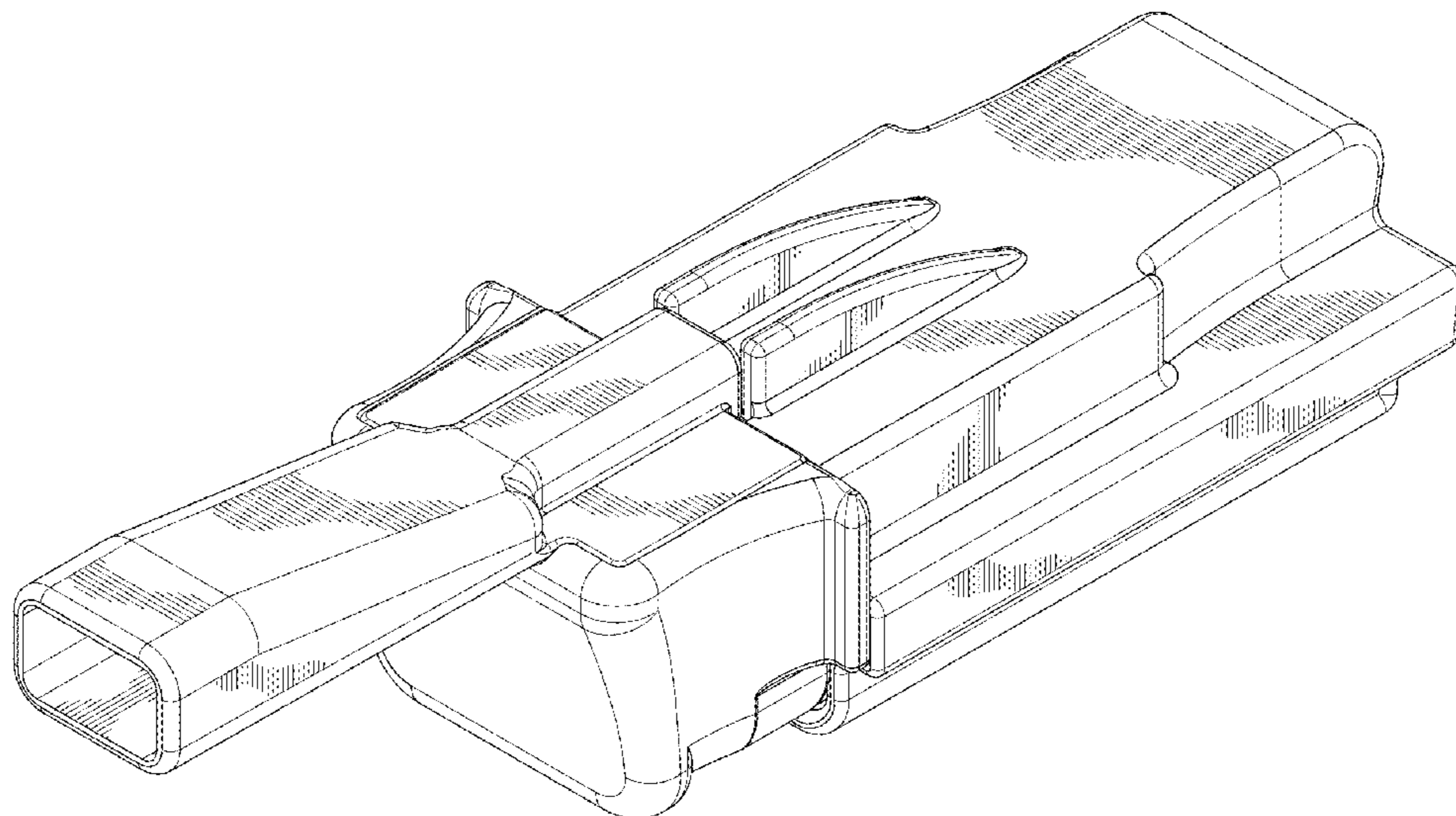
The ornamental design for an inhaler, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an inhaler showing our design.
FIG. 2 is a bottom perspective view of the inhaler of FIG. 1.
FIG. 3 is a right side view of the inhaler of FIG. 1.
FIG. 4 is a left side view of the inhaler of FIG. 1.
FIG. 5 is a front view of the inhaler of FIG. 1.
FIG. 6 is a rear view of the inhaler of FIG. 1.
FIG. 7 is a top view of the inhaler of FIG. 1; and,
FIG. 8 is a bottom view of the inhaler of FIG. 1.
Broken lines shown in the figures are included for the purpose of illustrating portions of the inhaler and form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS
5,794,613 A * 8/1998 Piskorski A61M 15/0045
128/202.17
6,223,746 B1 * 5/2001 Jewett A61M 15/0065
128/200.14
D597,657 S * 8/2009 Kinsey D24/110
D605,752 S * 12/2009 Polidoro D24/110
D614,760 S * 4/2010 Smutney D24/110
D629,505 S * 12/2010 Adamo D24/110.5
D629,506 S * 12/2010 Adamo D24/110.5
D629,886 S * 12/2010 Adamo D24/110.5

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2006/0037612 A1* 2/2006 Herder A61M 15/0065
128/203.15
2006/0099269 A1* 5/2006 Cheatham A61K 9/0075
424/489
2009/0241949 A1* 10/2009 Smutney A61M 15/0028
128/203.15
2009/0308390 A1* 12/2009 Smutney A61M 15/0028
128/203.15
2009/0314292 A1* 12/2009 Overfield A61B 5/087
128/203.15
2010/0197565 A1* 8/2010 Smutney A61M 15/0028
514/1.1
2012/0247235 A1* 10/2012 Adamo A61B 5/08
73/865.4
2013/0104887 A1* 5/2013 Smutney A61M 15/0028
128/203.15
2014/0014106 A1* 1/2014 Smutney A61M 15/00
128/203.15
2014/0116426 A1* 5/2014 Mullinger A61M 11/005
128/200.14
2017/0216538 A1* 8/2017 Kinsey A61M 15/0021
2018/0001039 A1* 1/2018 Snutney A61M 15/00

* cited by examiner

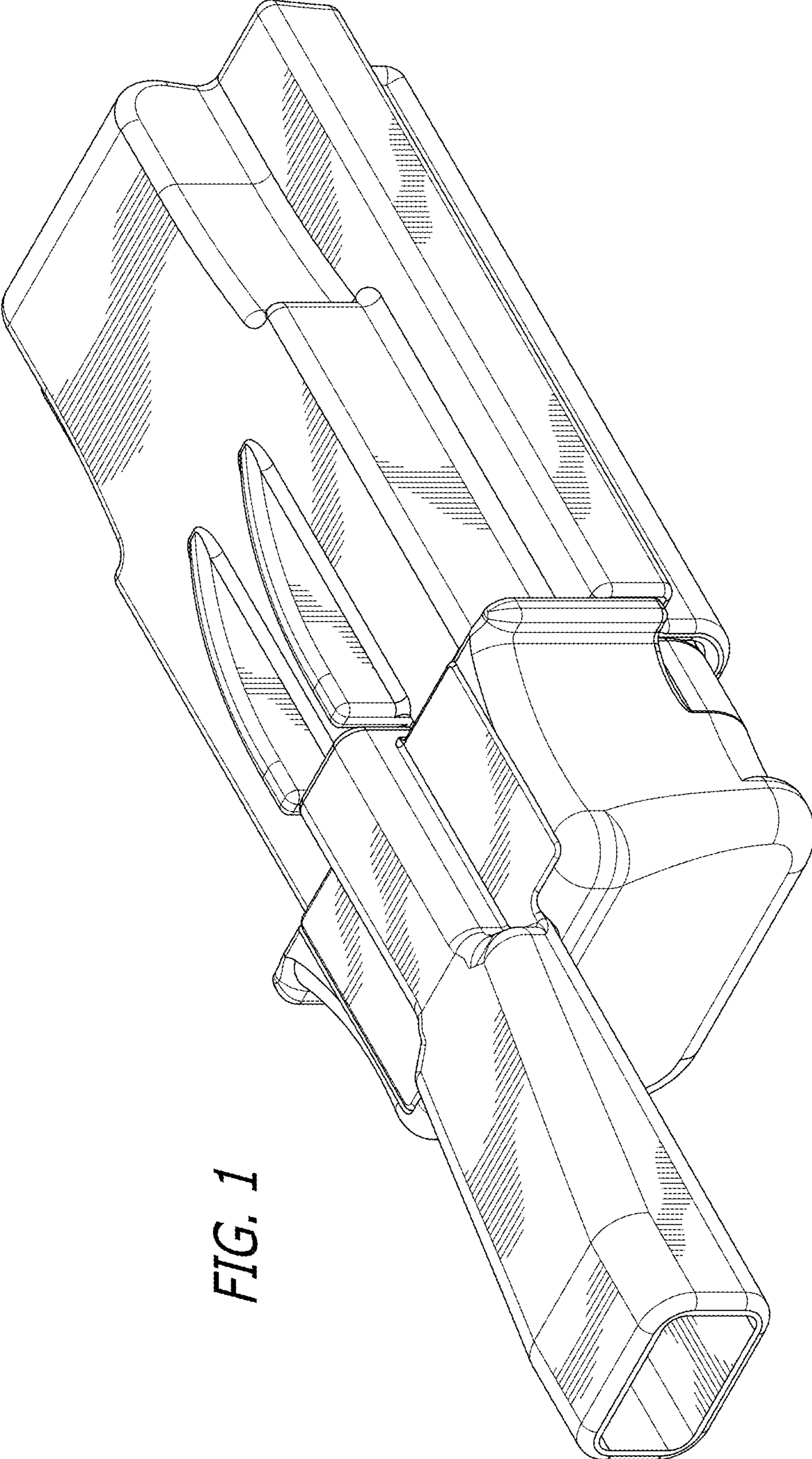


FIG. 1

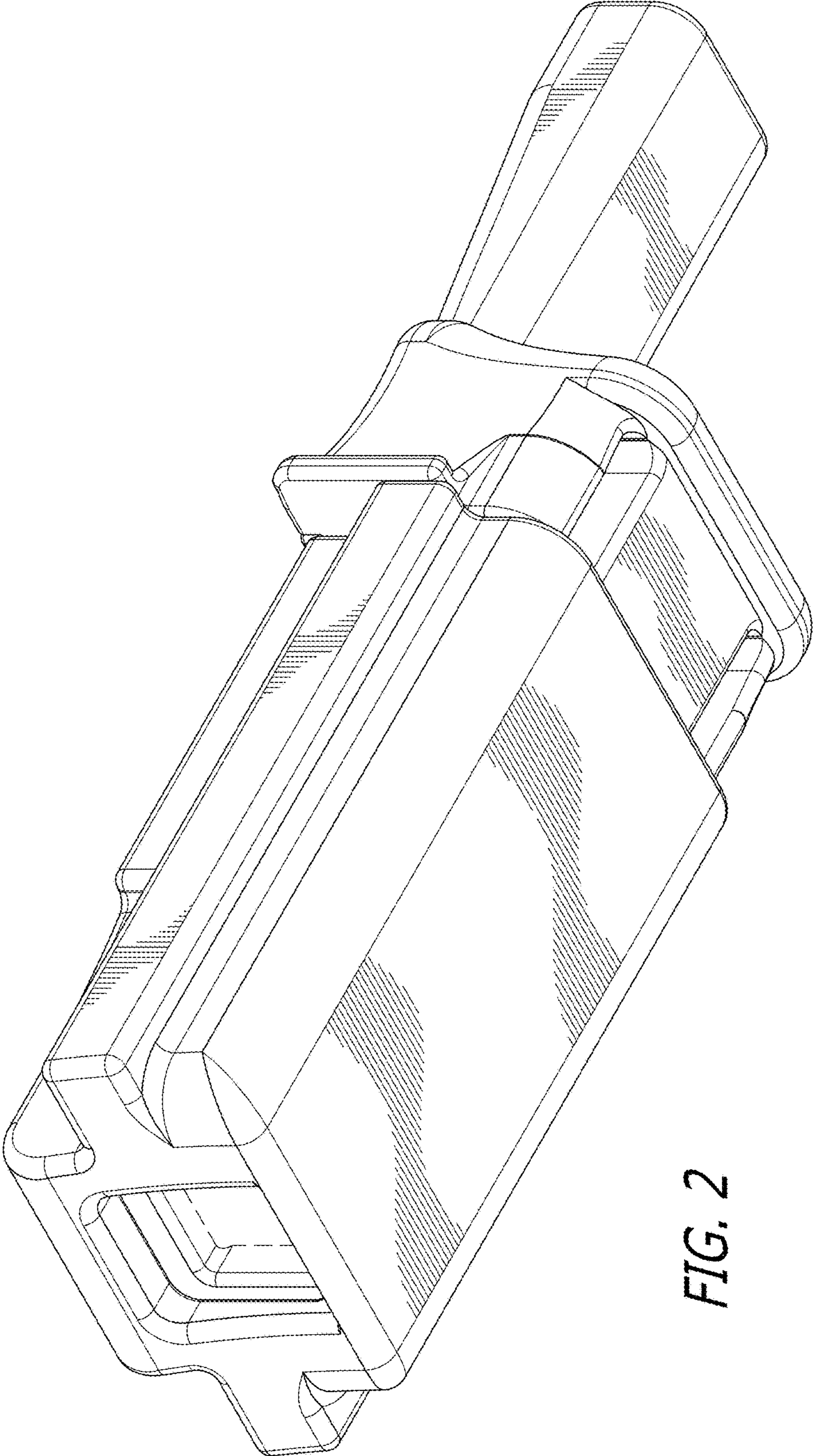


FIG. 2

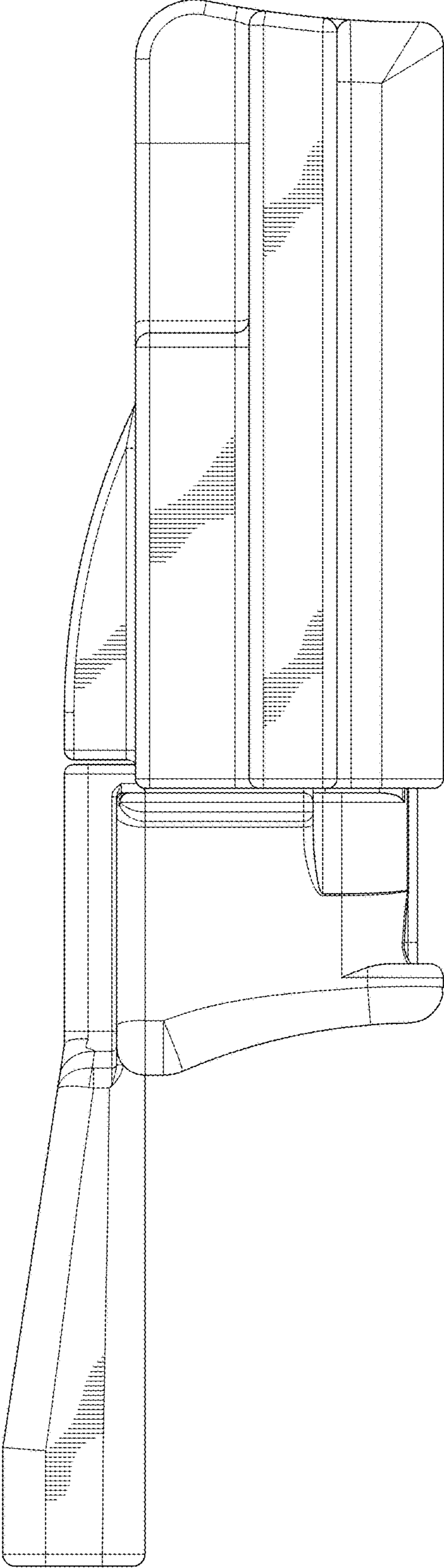


FIG. 3

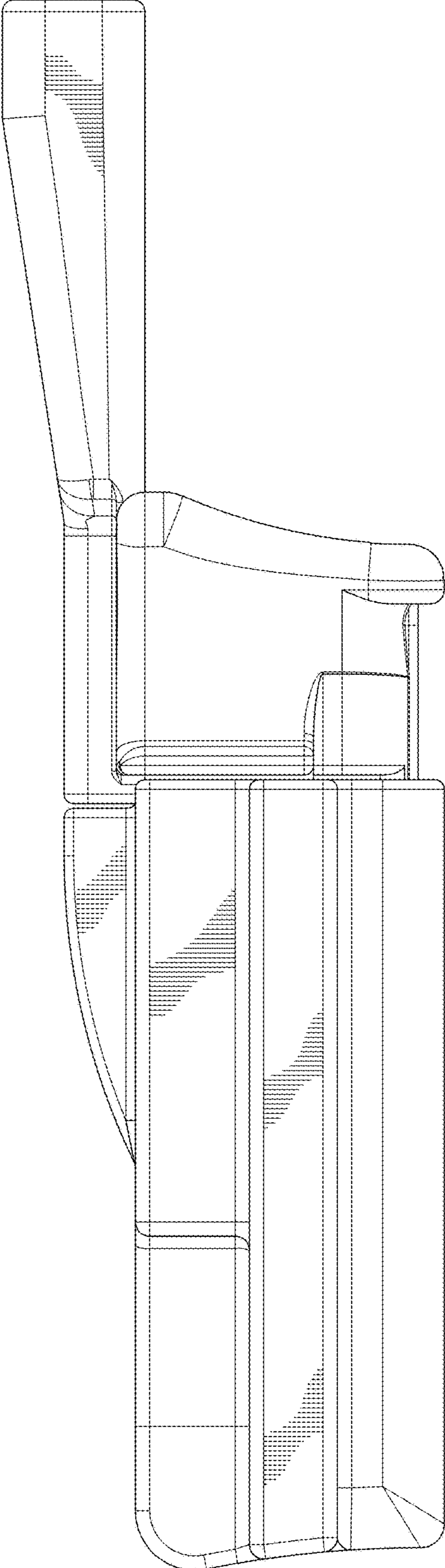


FIG. 4

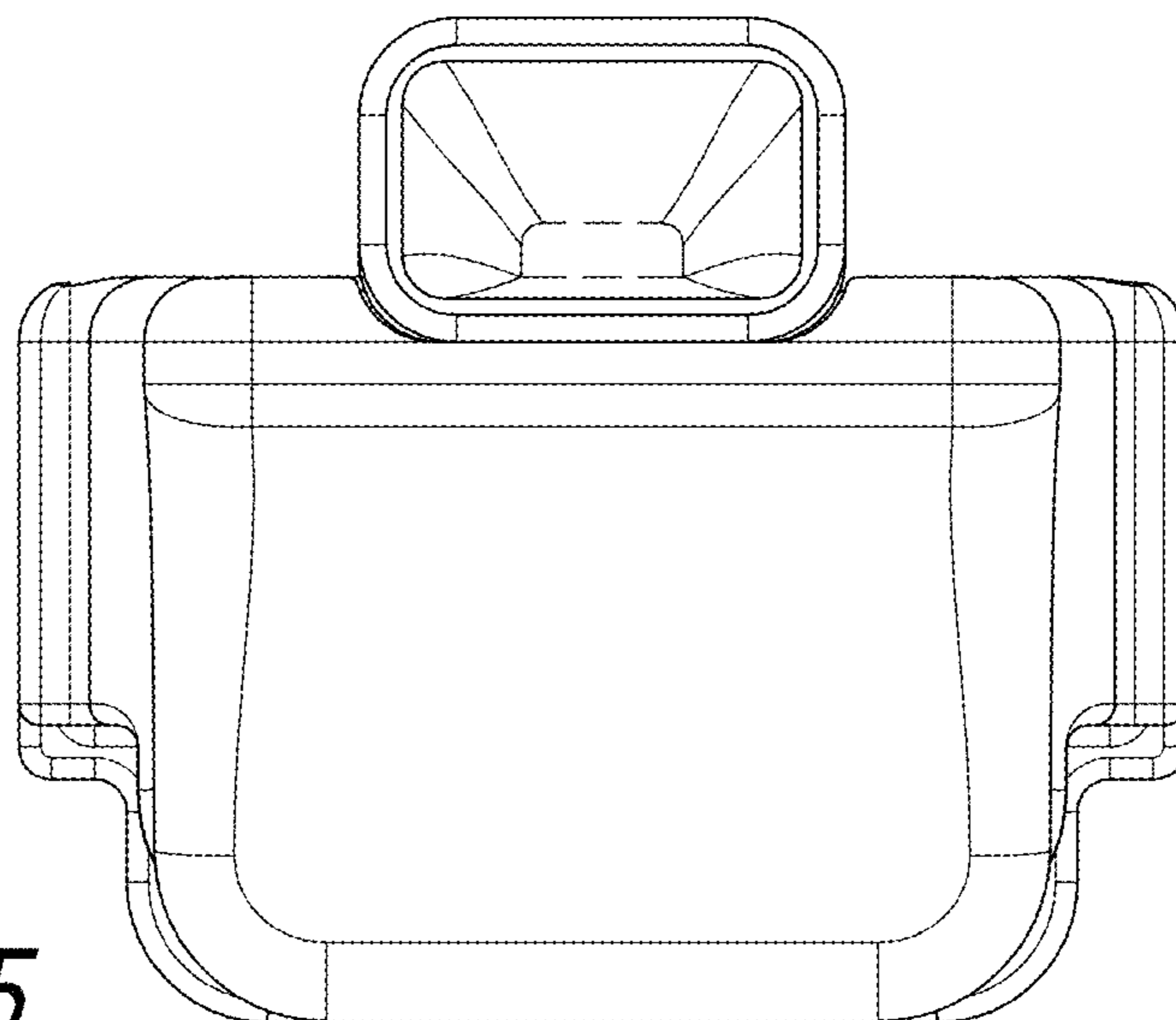


FIG. 5

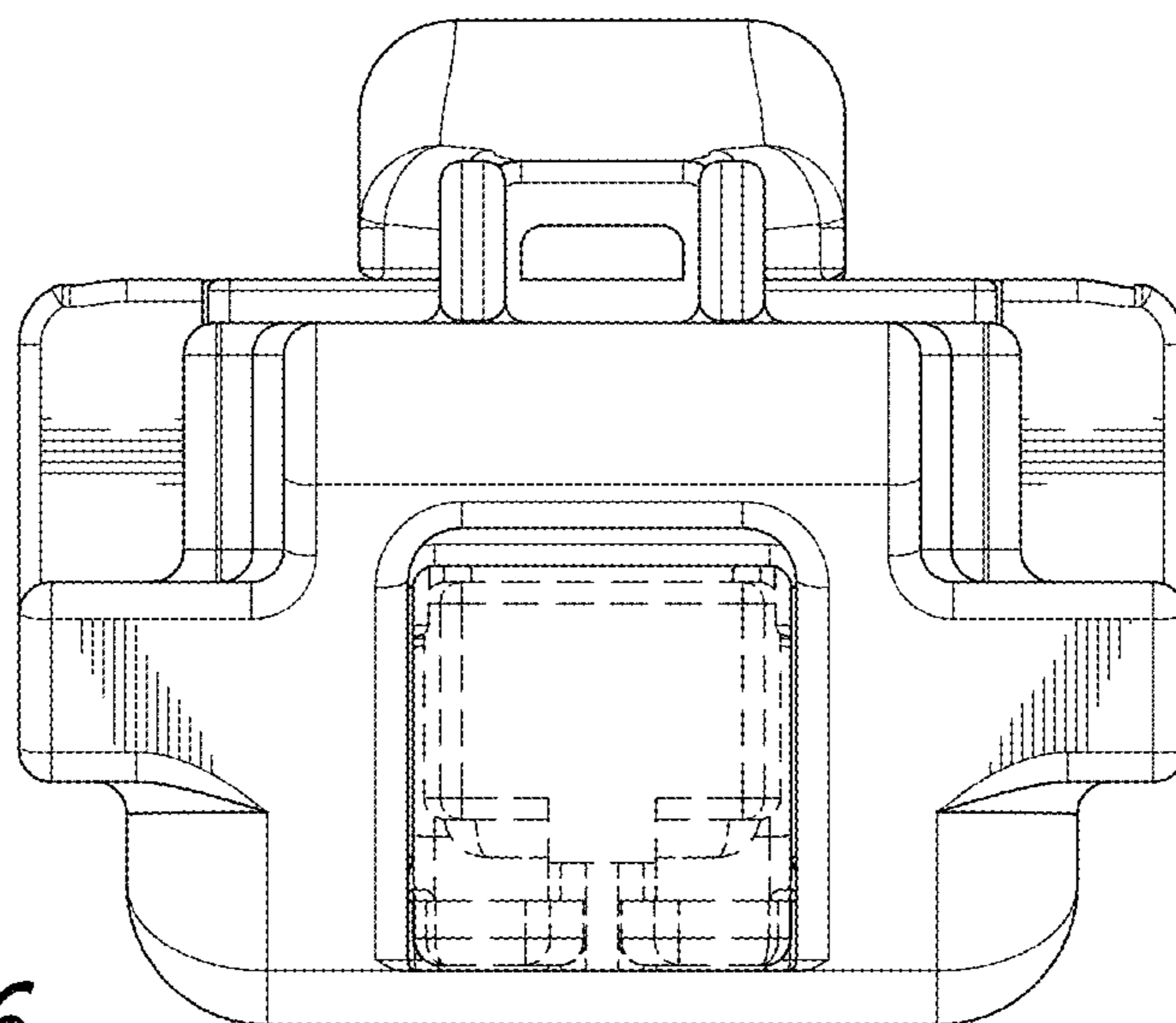


FIG. 6

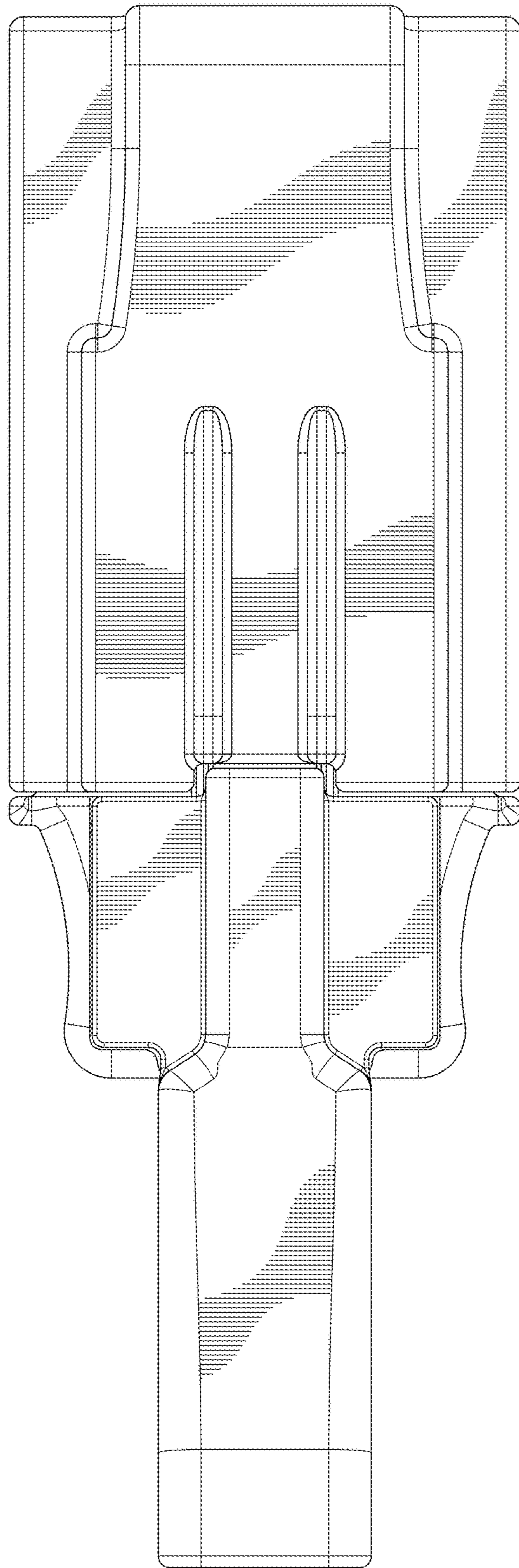


FIG. 7

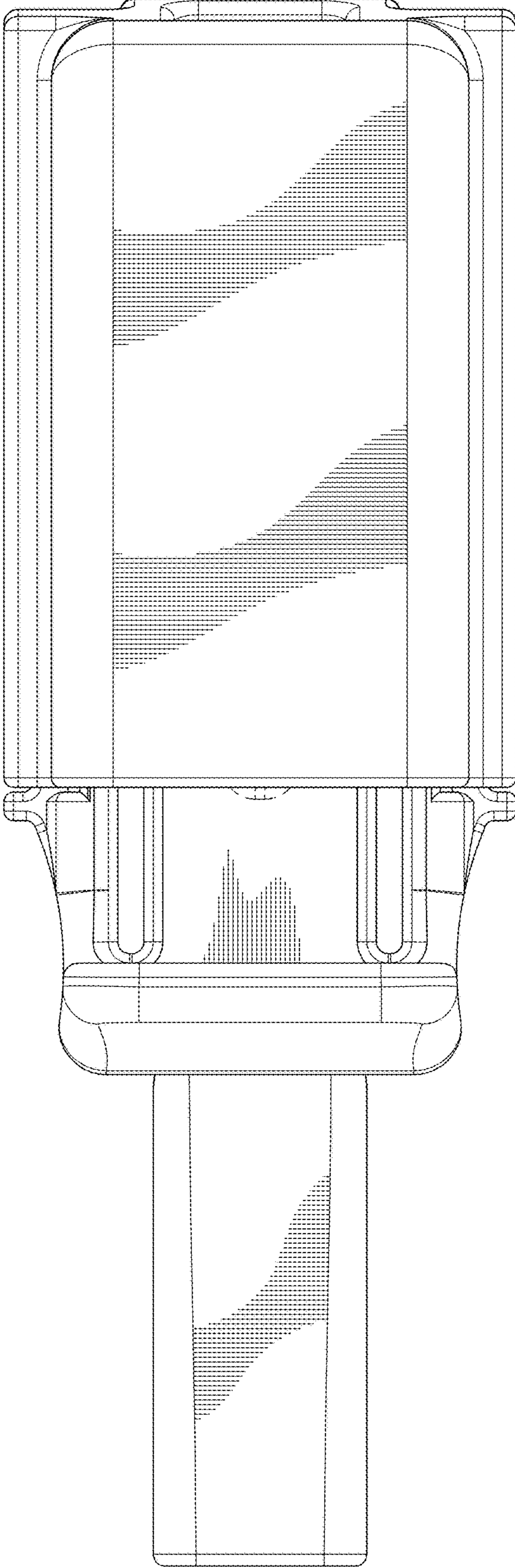


FIG. 8