



US00D900949S

(12) **United States Design Patent** (10) **Patent No.:** **US D900,949 S**
Deng et al. (45) **Date of Patent:** **** Nov. 3, 2020**

(54) **SMART GRIP**

(71) Applicant: **Armaments Research Company LLC**,
Washington, DC (US)

(72) Inventors: **William Deng**, Seattle, WA (US);
Michael Canty, Bethesda, MD (US)

(73) Assignee: **Armaments Research Company Inc.**,
Bethesda, MD (US)

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

(21) Appl. No.: **29/666,503**

(22) Filed: **Oct. 12, 2018**

Related U.S. Application Data

(63) Continuation-in-part of application No. 15/881,728,
filed on Jan. 27, 2018, which is a continuation-in-part
(Continued)

(51) **LOC (12) Cl.** **22-01**

(52) **U.S. Cl.**
USPC **D22/108**

(58) **Field of Classification Search**
USPC D22/108
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D302,289 S * 7/1989 Lambert D22/108
D344,124 S * 2/1994 Cupp D22/104
(Continued)

Primary Examiner — Michael A. Pratt

(74) *Attorney, Agent, or Firm* — RMCK Law Group PLC

(57) **CLAIM**

The ornamental design for a smart grip, as shown and
described.

DESCRIPTION

FIG. 1 is a top perspective view of a smart grip showing an
example of our new design.

FIG. 2 is a bottom perspective view of the smart grip of FIG.
1.

FIG. 3 is a right side view of the smart grip of FIG. 1.

FIG. 4 is a front side view of the smart grip of FIG. 1.

FIG. 5 is a left side view of the smart grip of FIG. 1.

FIG. 6 is a rear side view of the smart grip of FIG. 1.

FIG. 7 is a top view of the smart grip of FIG. 1.

FIG. 8 is a bottom view of the smart grip of FIG. 1.

FIG. 9 is a front perspective view of a smart grip showing
an example of our new design.

FIG. 10 is a rear perspective view of the smart grip of FIG.
9.

FIG. 11 is a right side view of the smart grip of FIG. 9.

FIG. 12 is a front side view of the smart grip of FIG. 9.

FIG. 13 is a left side view of the smart grip of FIG. 9.

FIG. 14 is a rear side view of the smart grip of FIG. 9.

FIG. 15 is a top view of the smart grip of FIG. 9.

FIG. 16 is a bottom view of the smart grip of FIG. 9.

FIG. 17 is a top perspective view of a portion of a smart grip
showing an example of our new design.

FIG. 18 is a bottom perspective view of the portion of the
smart grip of FIG. 17.

FIG. 19 is a right side view of the portion of the smart grip
of FIG. 17.

FIG. 20 is a front side view of the portion of the smart grip
of FIG. 17.

FIG. 21 is a left side view of the portion of the smart grip
of FIG. 17.

FIG. 22 is rear side view of the portion of the smart grip of
FIG. 17.

FIG. 23 is a bottom view of the portion of the smart grip of
FIG. 17.

FIG. 24 is a top view of the portion of the smart grip of FIG.
17.

FIG. 25 is a top perspective view of a portion of a smart grip
showing an example of our new design.

FIG. 26 is a bottom perspective view of the portion of the
smart grip of FIG. 25.

FIG. 27 is a left side view of the portion of the smart grip
of FIG. 25.

FIG. 28 is a rear view of the portion of the smart grip of FIG.
25.

FIG. 29 is a right side view of the portion of the smart grip
of FIG. 25.

(Continued)

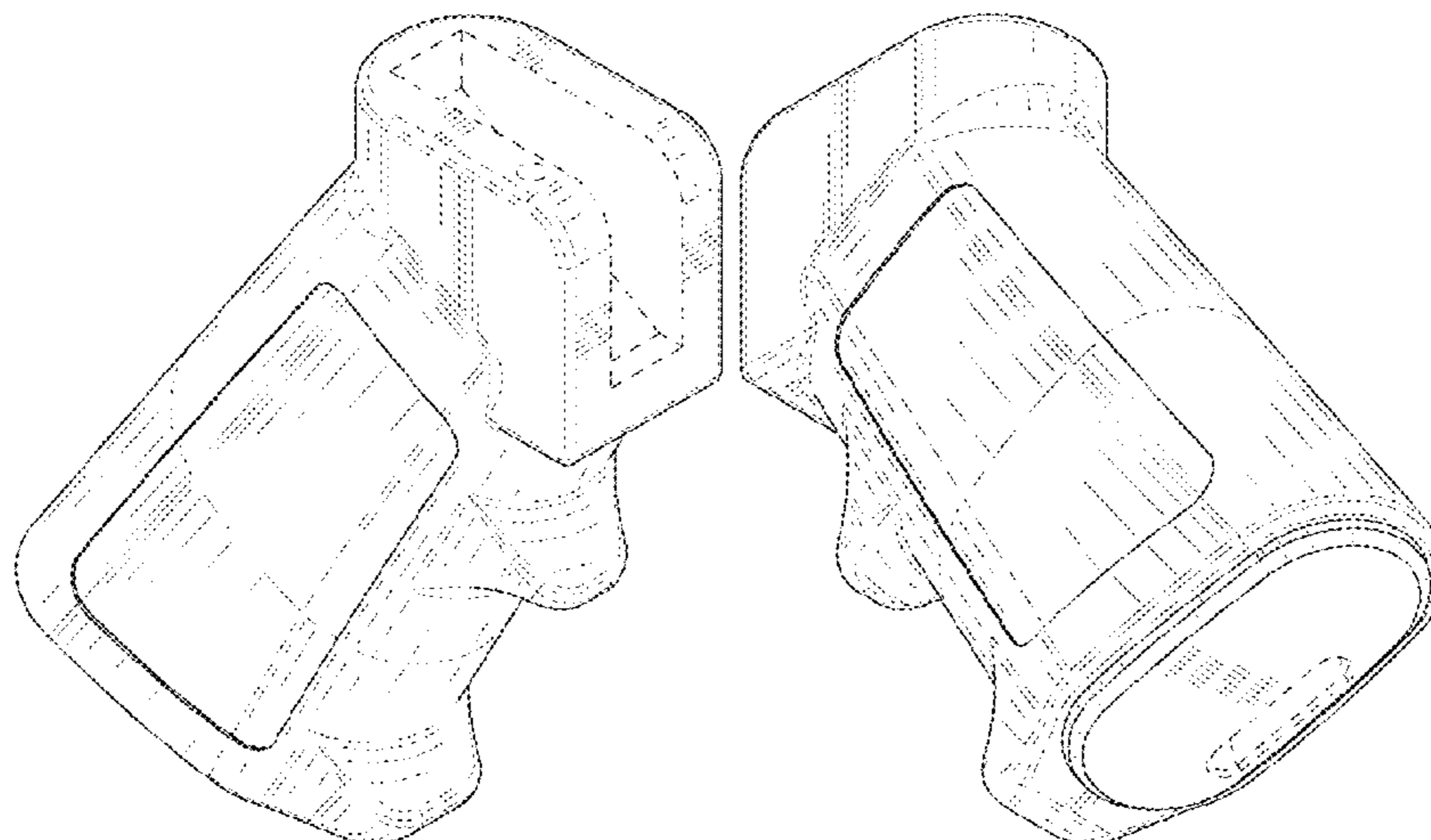


FIG. 30 is a front side view of the portion of the smart grip of FIG. 25.
FIG. 31 is a bottom view of the portion of the smart grip of FIG. 25; and,
FIG. 32 is a top view of the portion of the smart grip of FIG. 25.

1 Claim, 16 Drawing Sheets

Related U.S. Application Data

of application No. 14/666,008, filed on Mar. 23, 2015.

(58) **Field of Classification Search**

CPC F41C 23/10; F41C 23/14; F41C 23/16;
F41C 23/18; F41A 17/06

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

6,981,344	B2 *	1/2006	Cahill	F41C 23/10 42/71.01
D726,861	S *	4/2015	Siddle	D22/108
D735,832	S *	8/2015	Fitzpatrick	D22/108
D769,398	S *	10/2016	Lam	D22/108
D769,399	S *	10/2016	Lam	D22/108
D792,935	S *	7/2017	Ward, Jr.	D22/108
D821,529	S *	6/2018	Cheng	D22/108
D830,490	S *	10/2018	Toole	D22/108
2014/0144057	A1 *	5/2014	Brunner	F41A 17/06 42/70.08
2016/0084601	A1 *	3/2016	Alicea, Jr.	F41A 17/20 42/6
2020/0025488	A1 *	1/2020	Alicea, Jr.	F41A 19/59

* cited by examiner

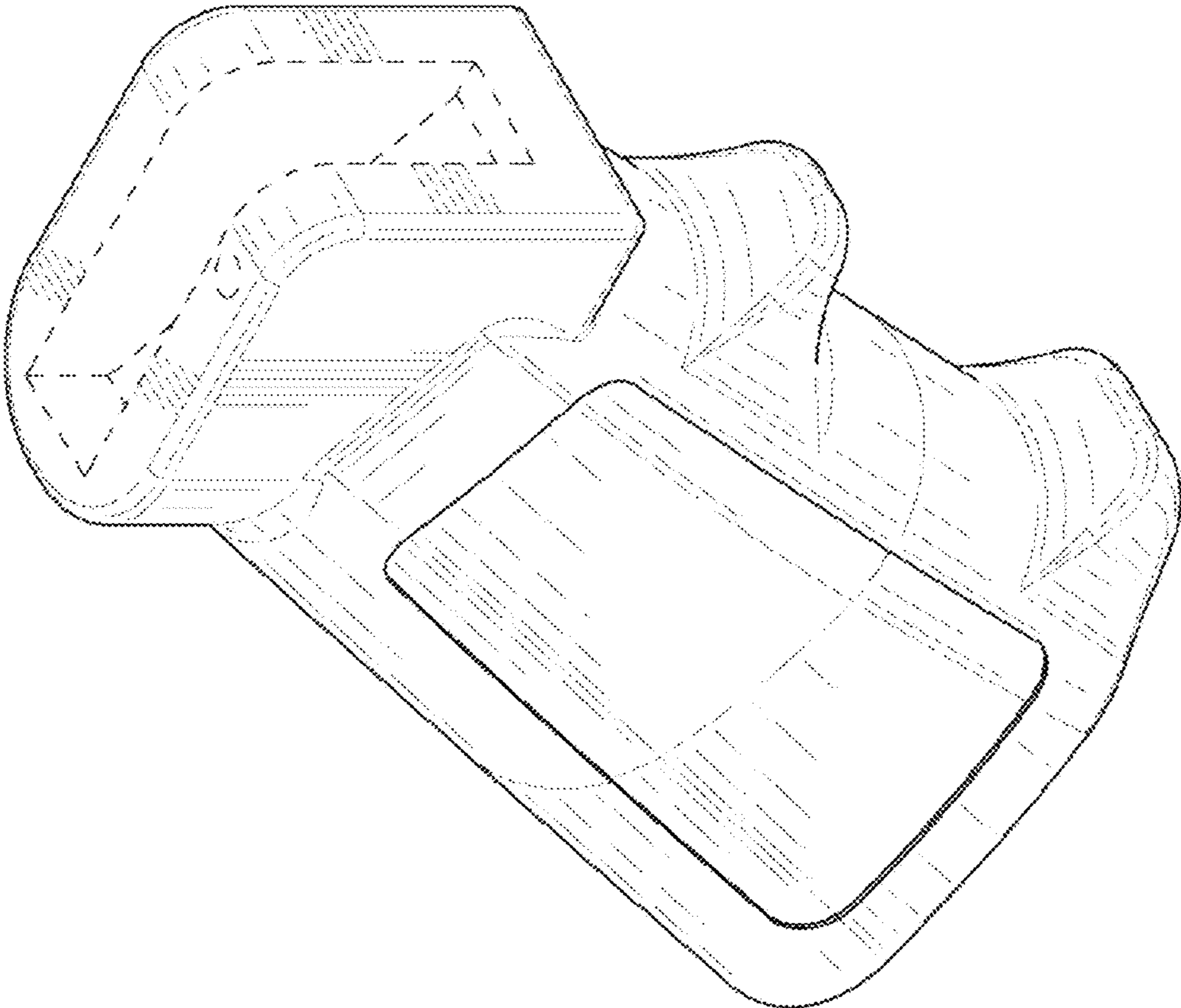


FIG. 1

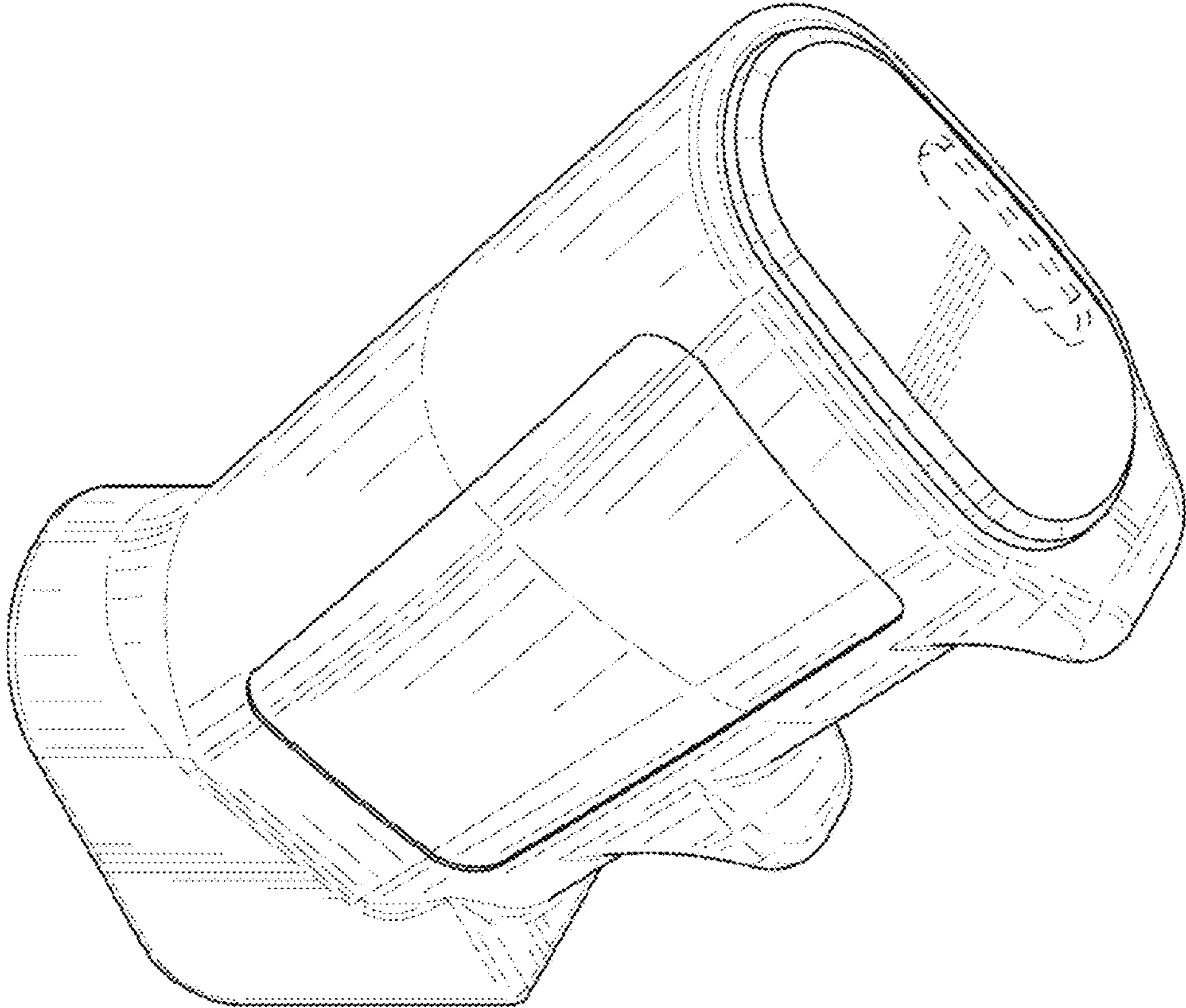


FIG. 2

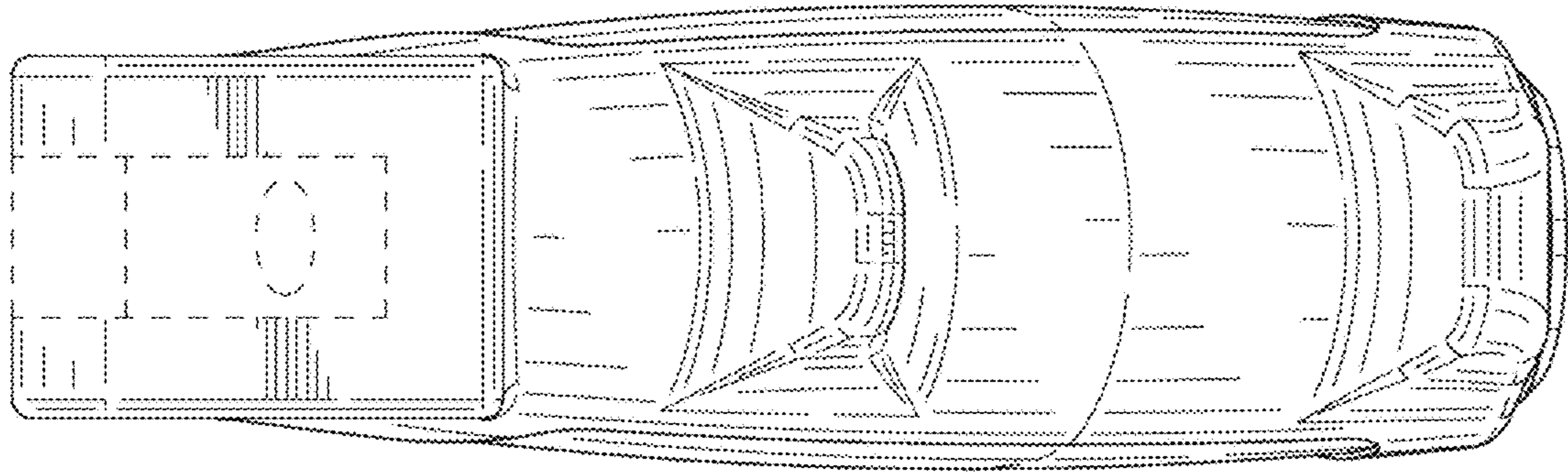


FIG. 4

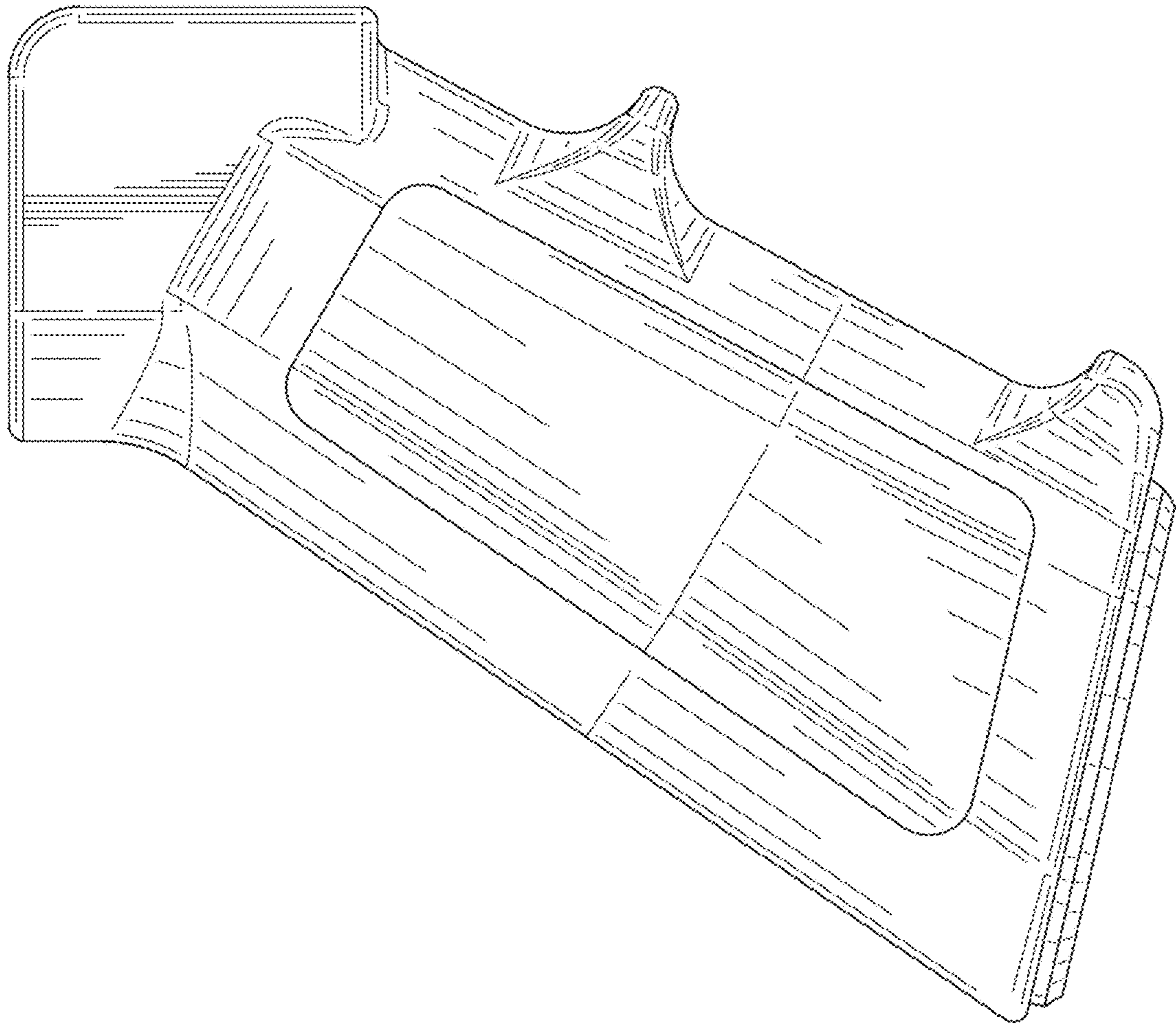


FIG. 3

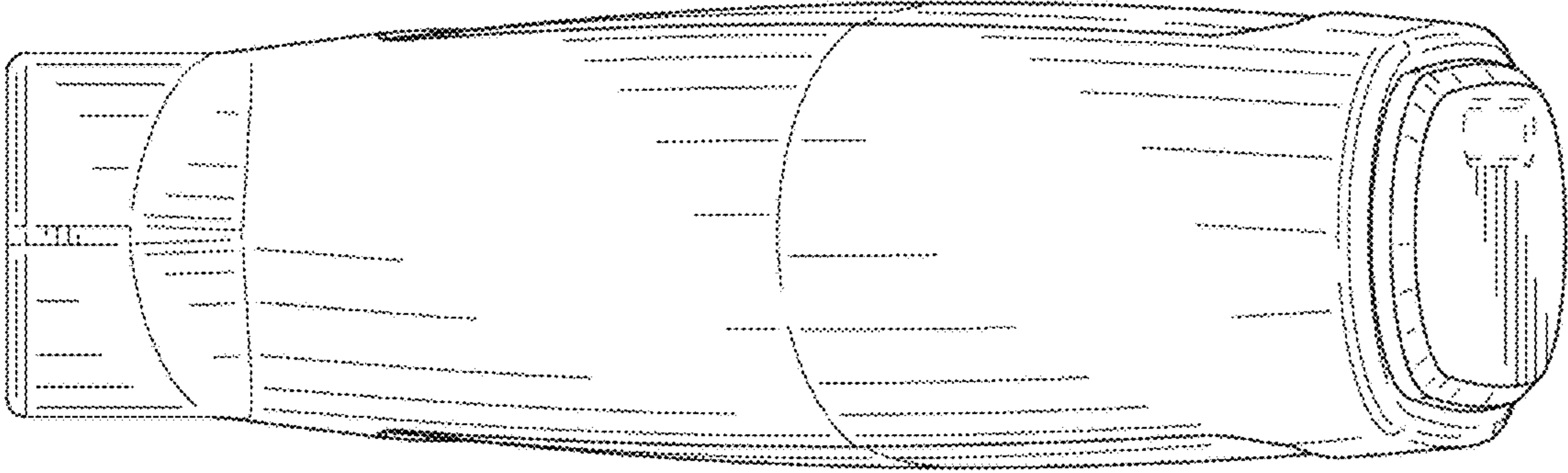


FIG. 6

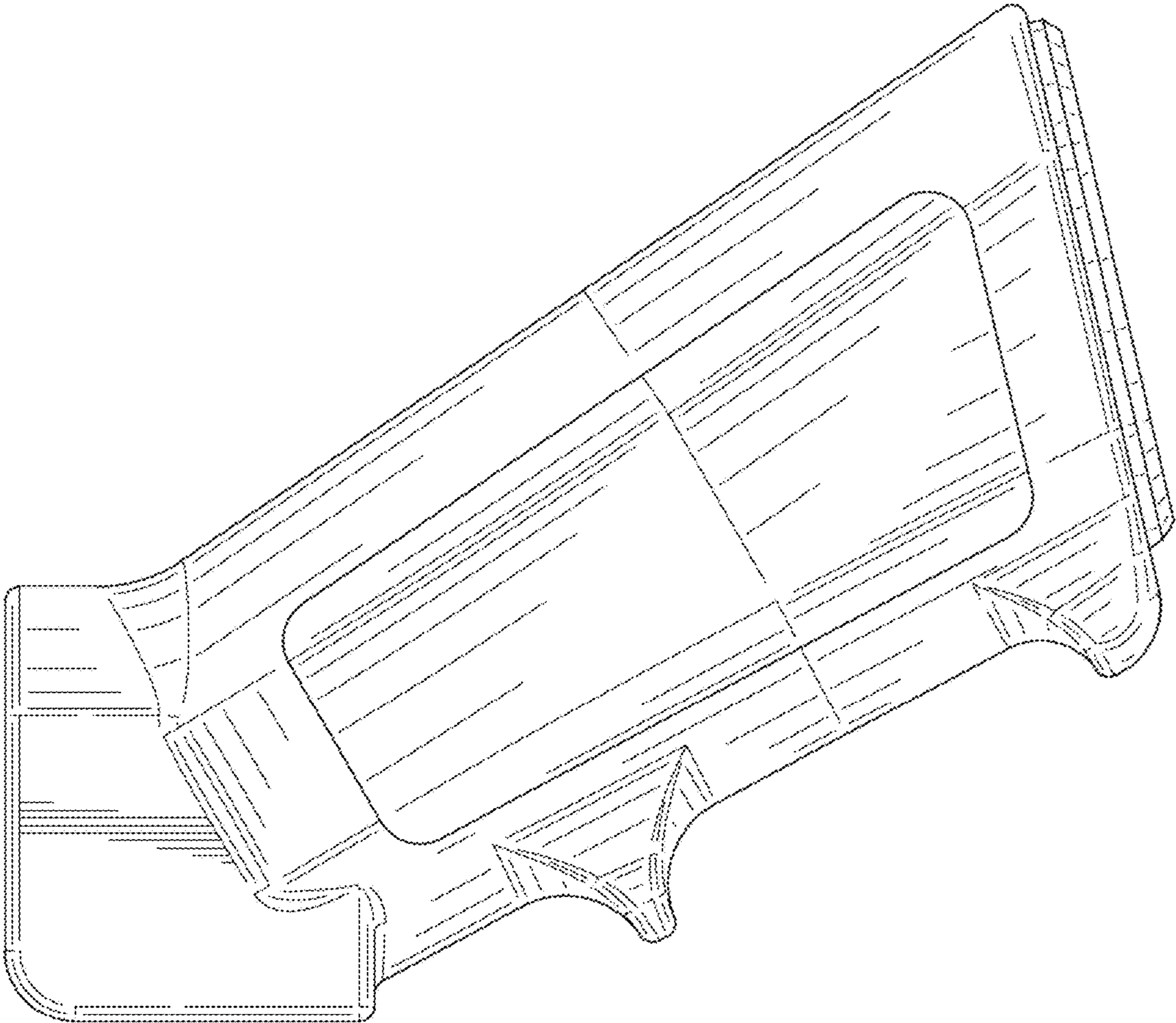


FIG. 5

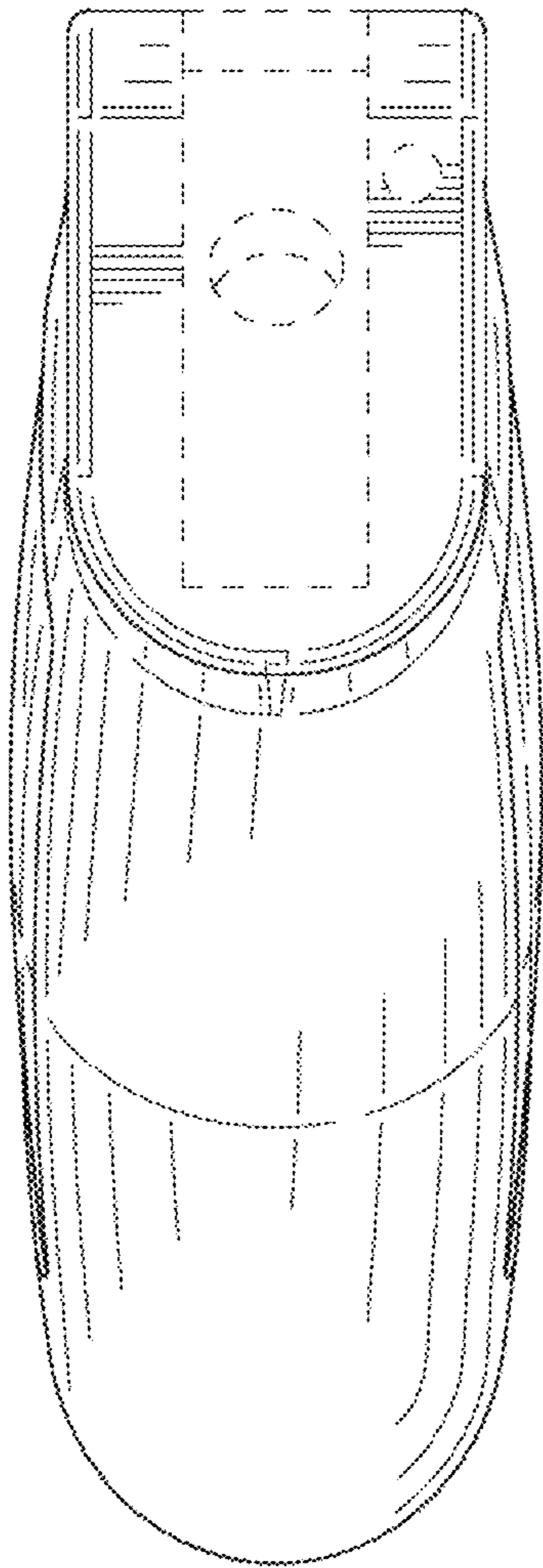


FIG. 7

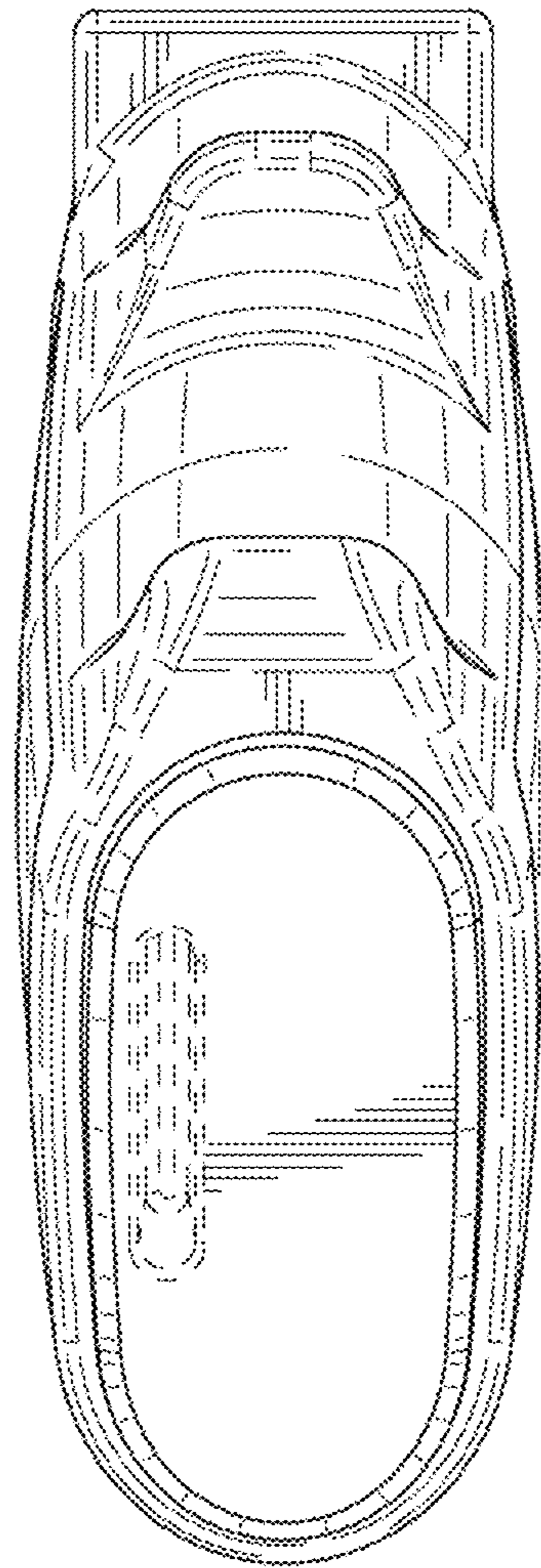


FIG. 8

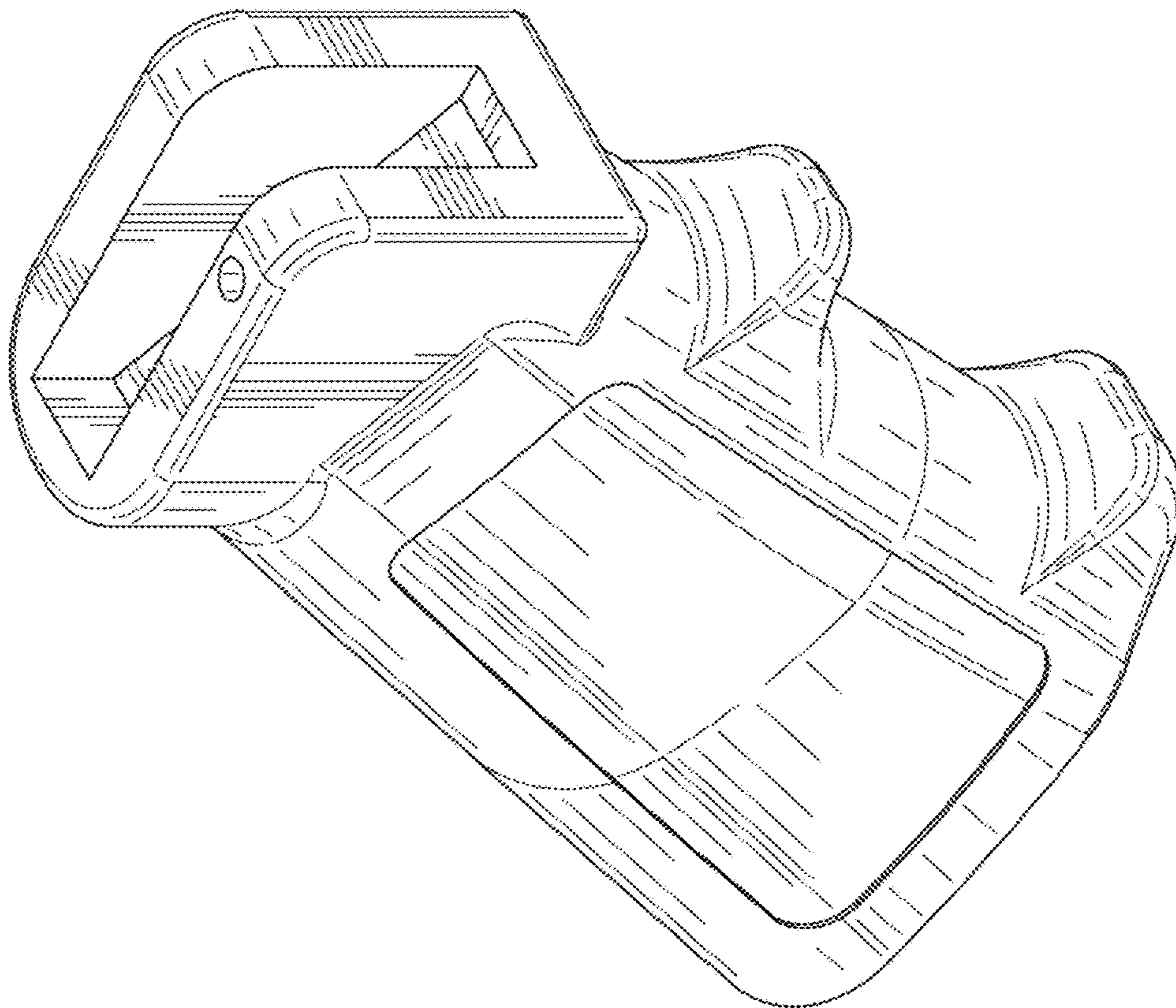


FIG. 9

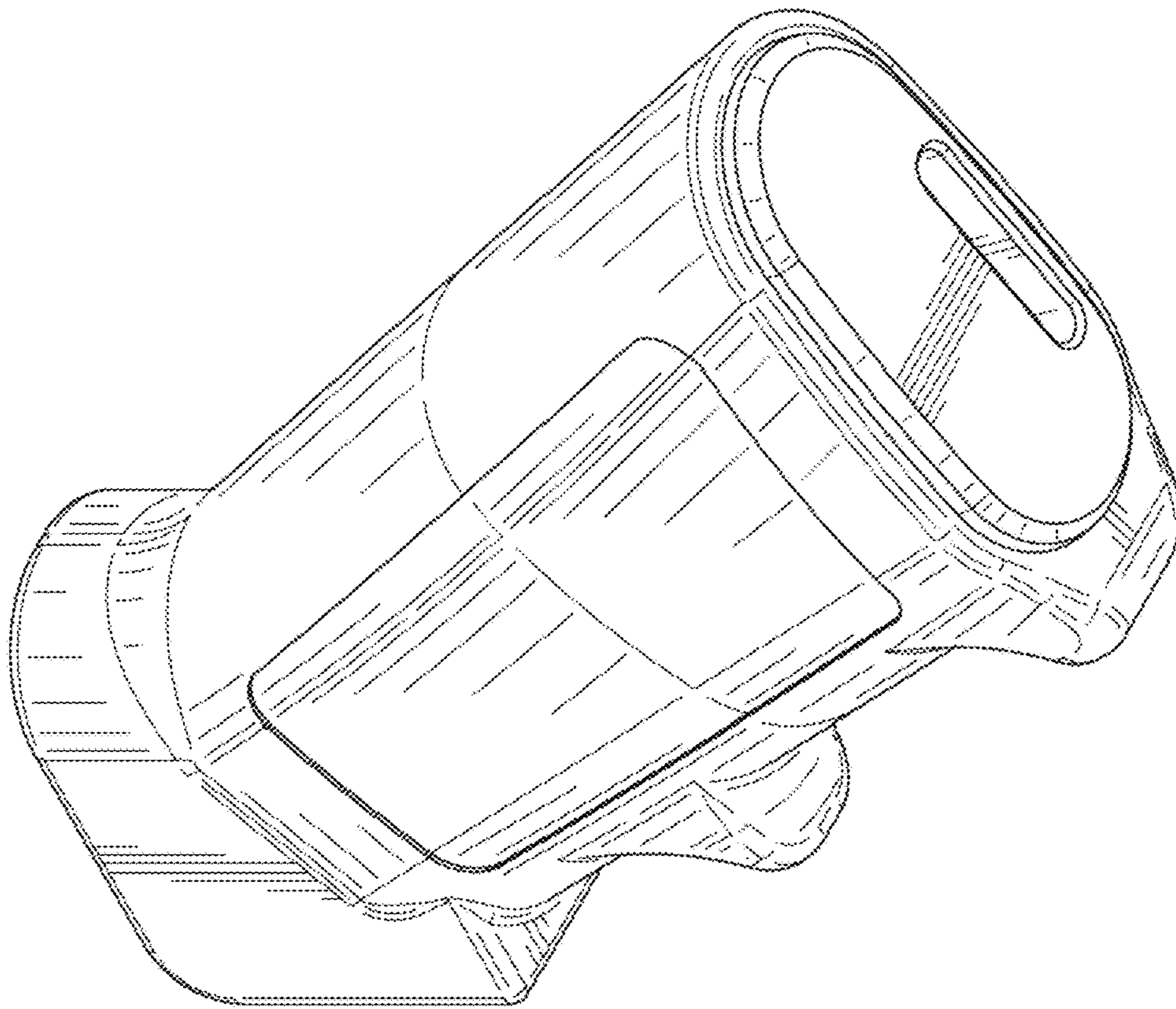


FIG. 10

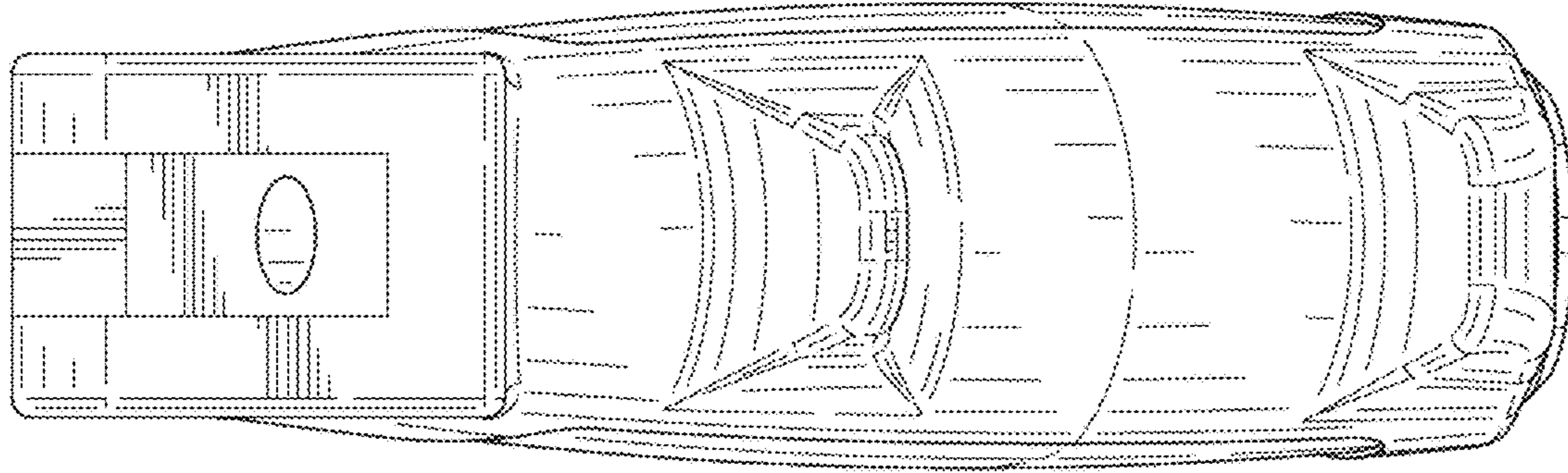


FIG. 12

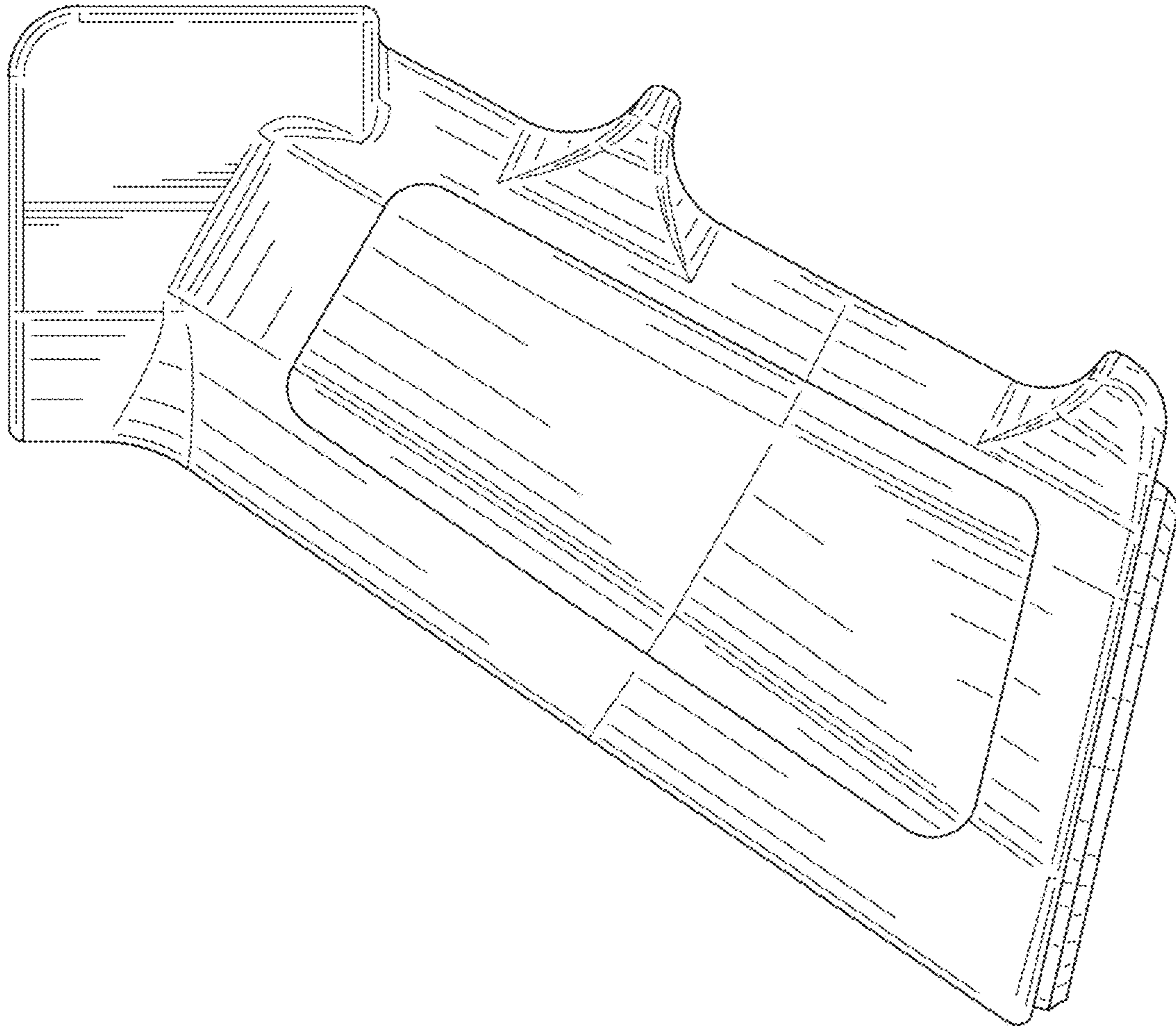


FIG. 11

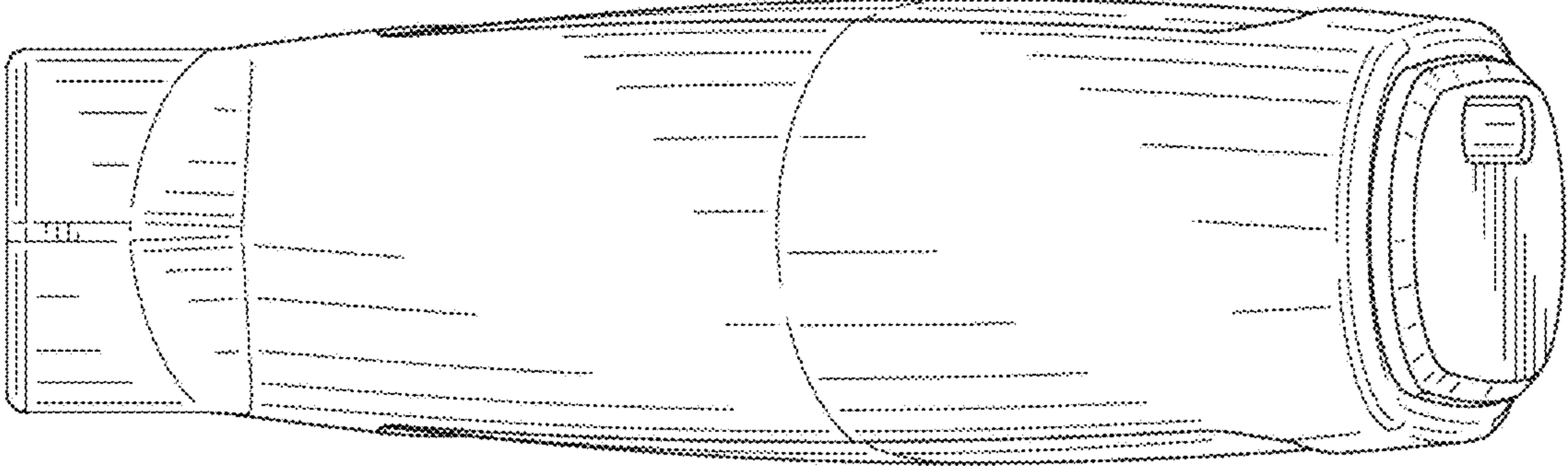


FIG. 14

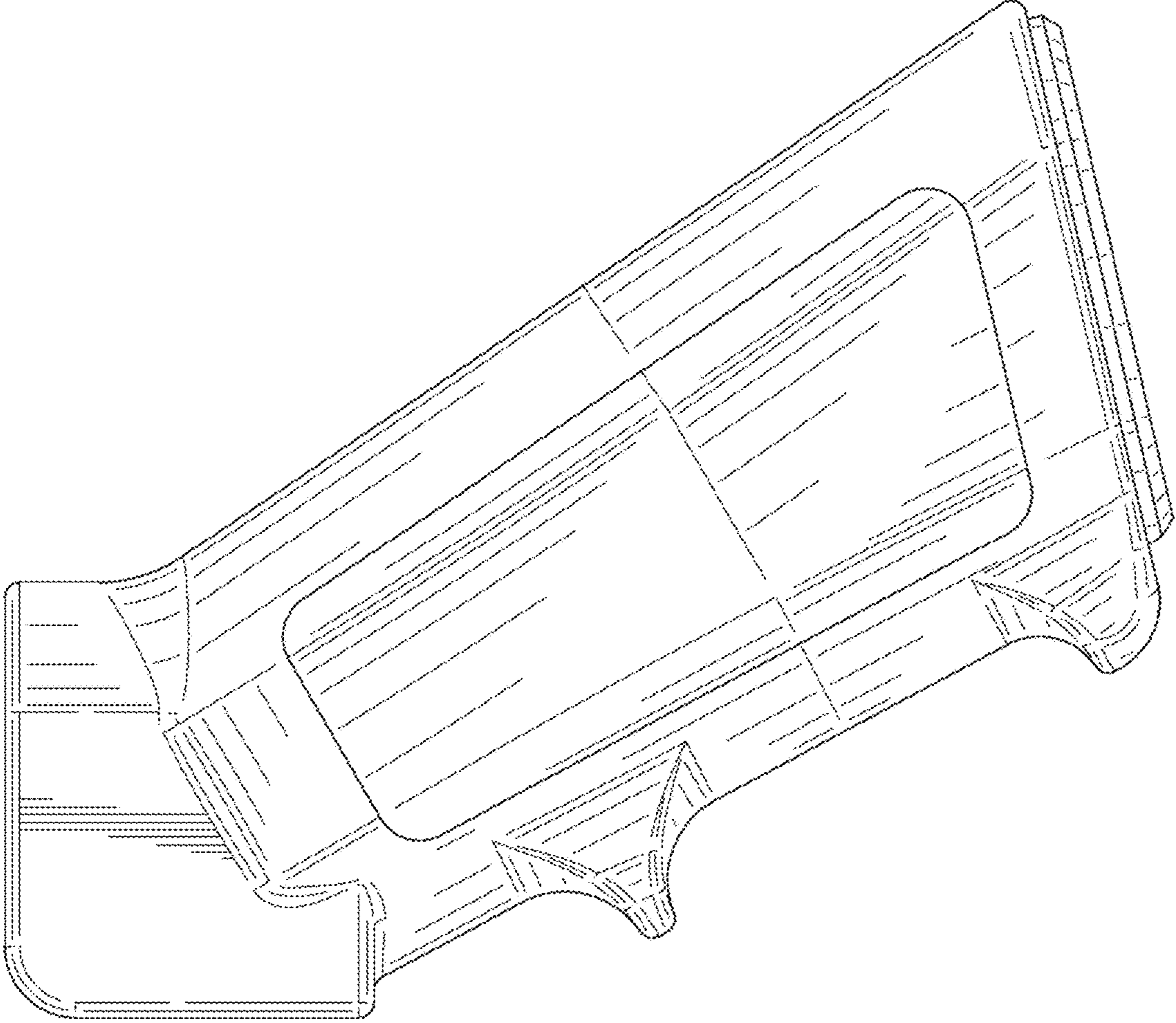


FIG. 13

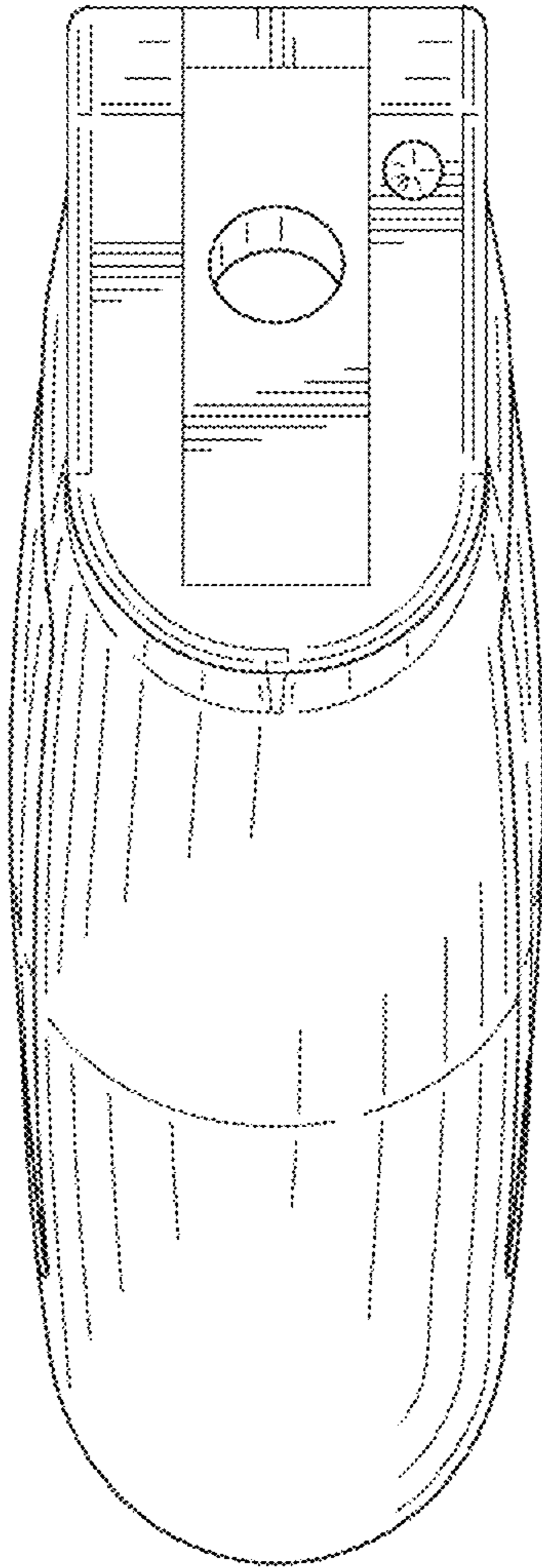


FIG. 15

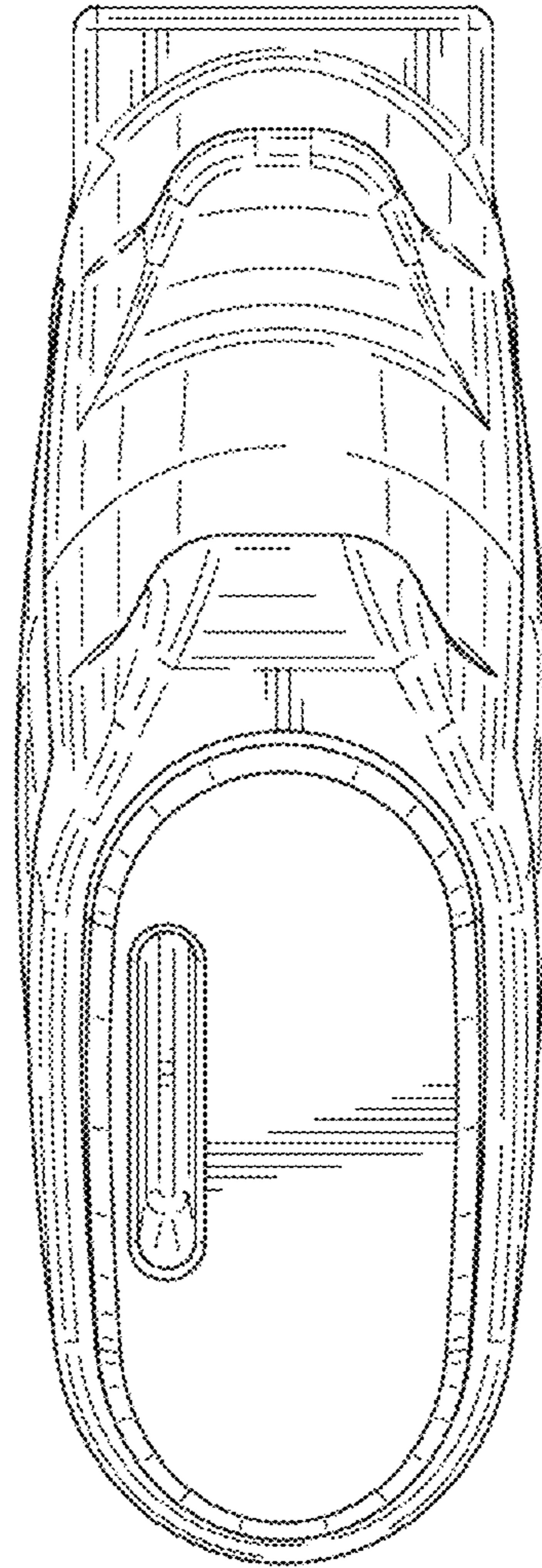


FIG. 16

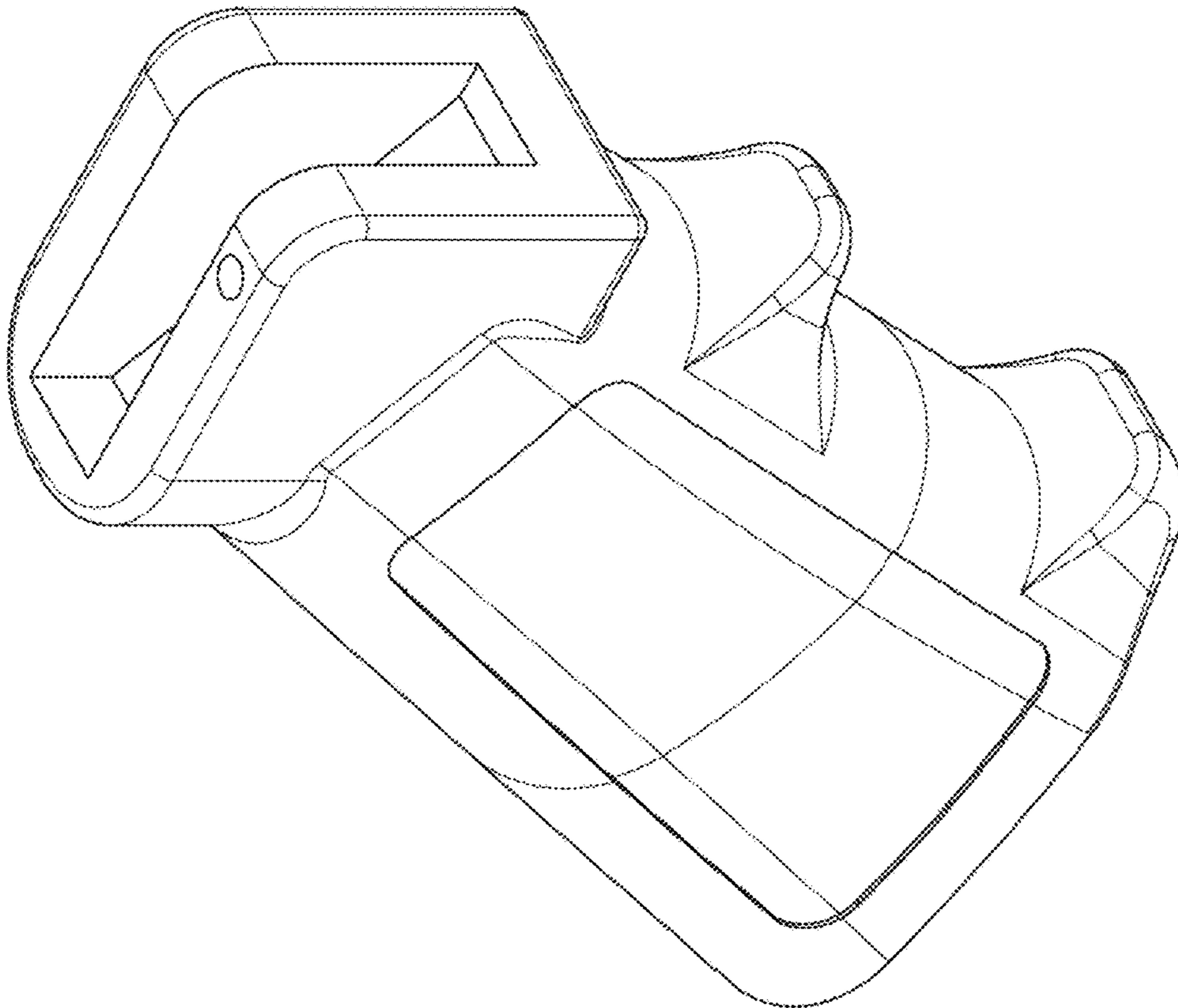


FIG. 17

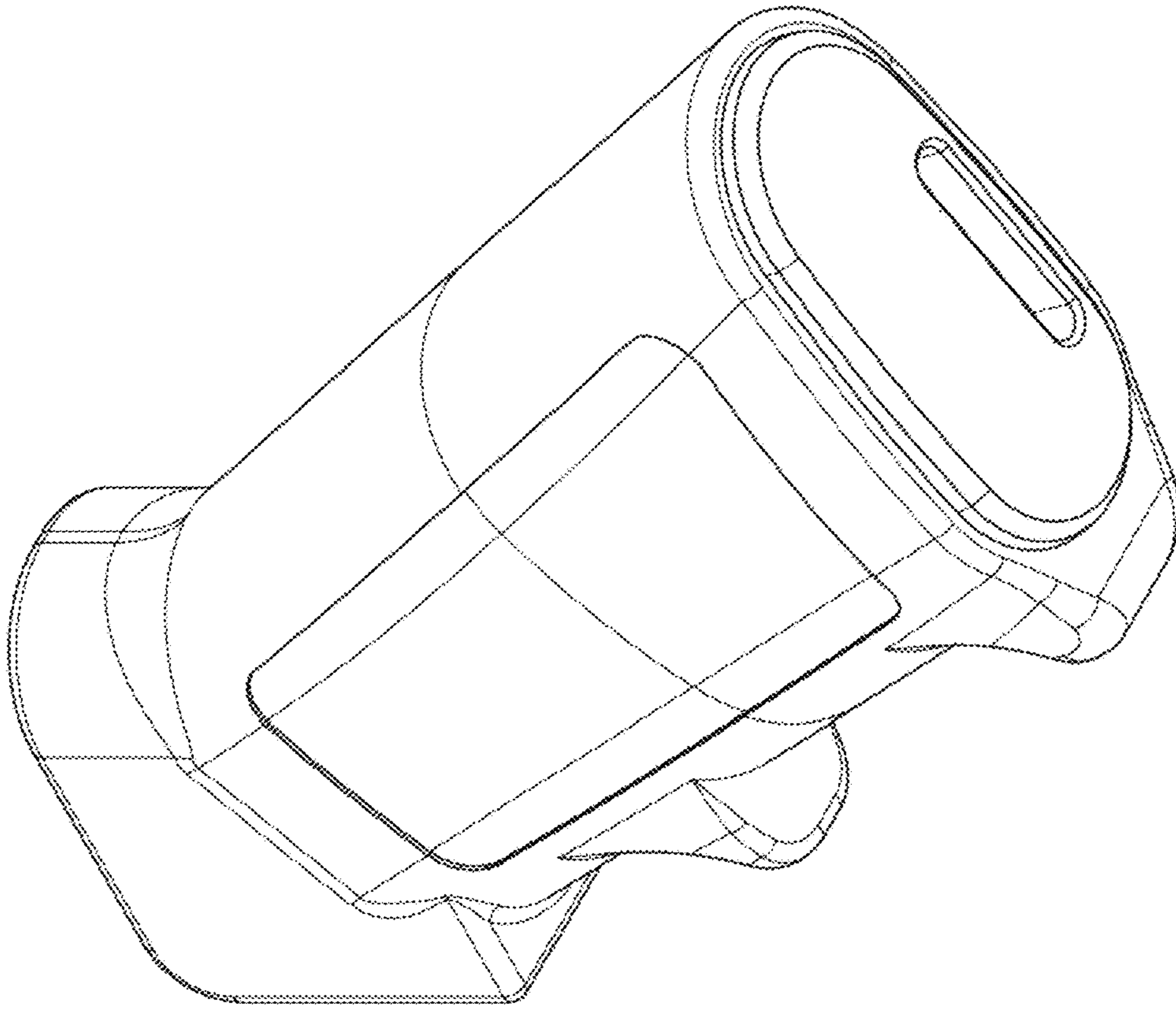


FIG. 18

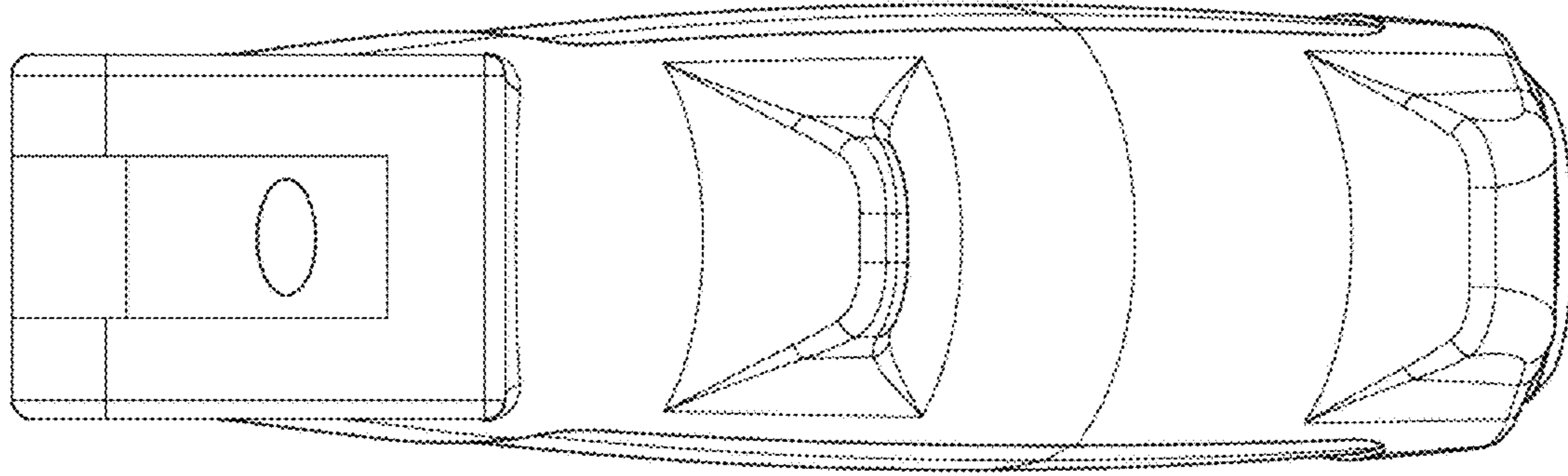


FIG. 20

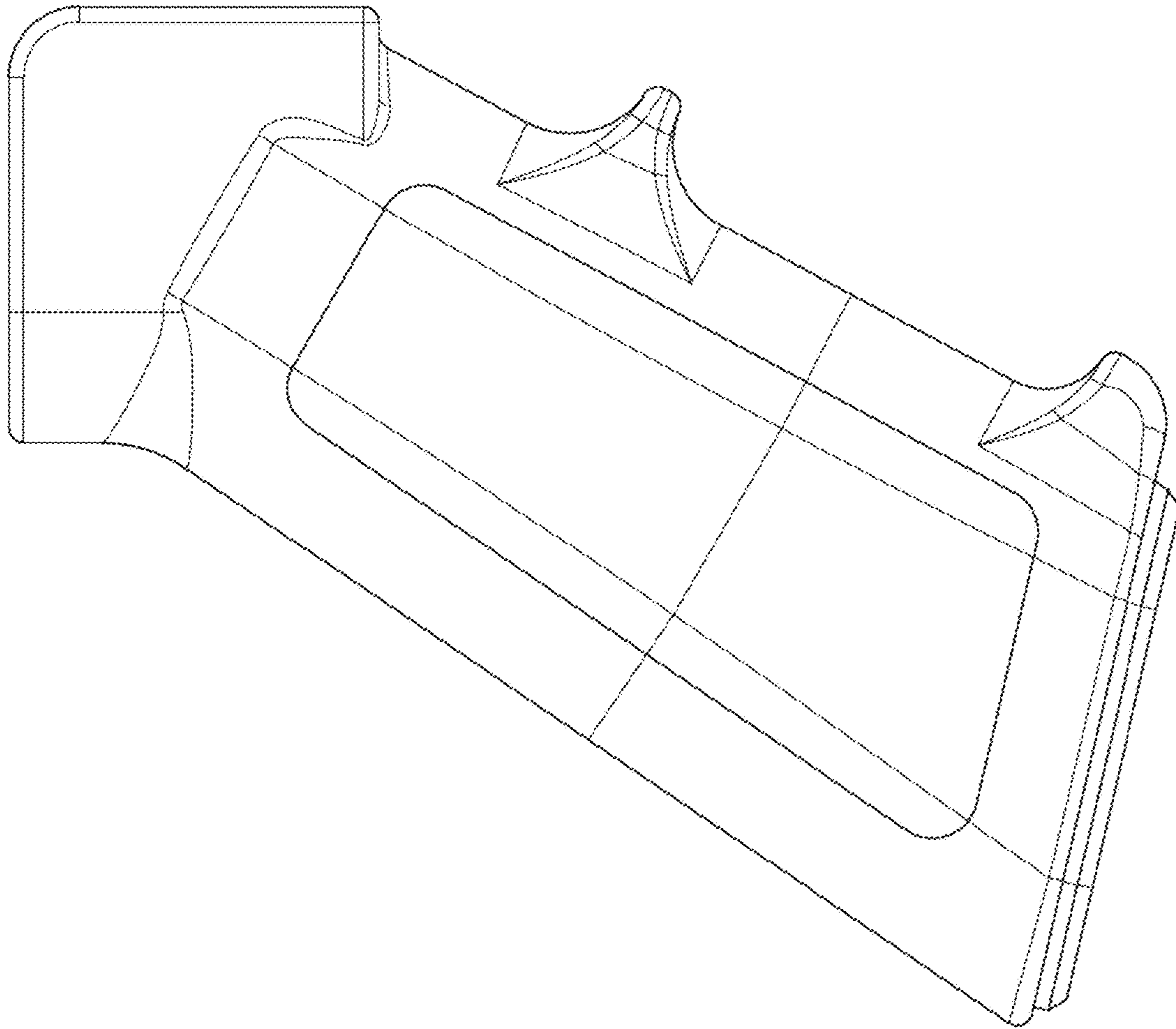


FIG. 19

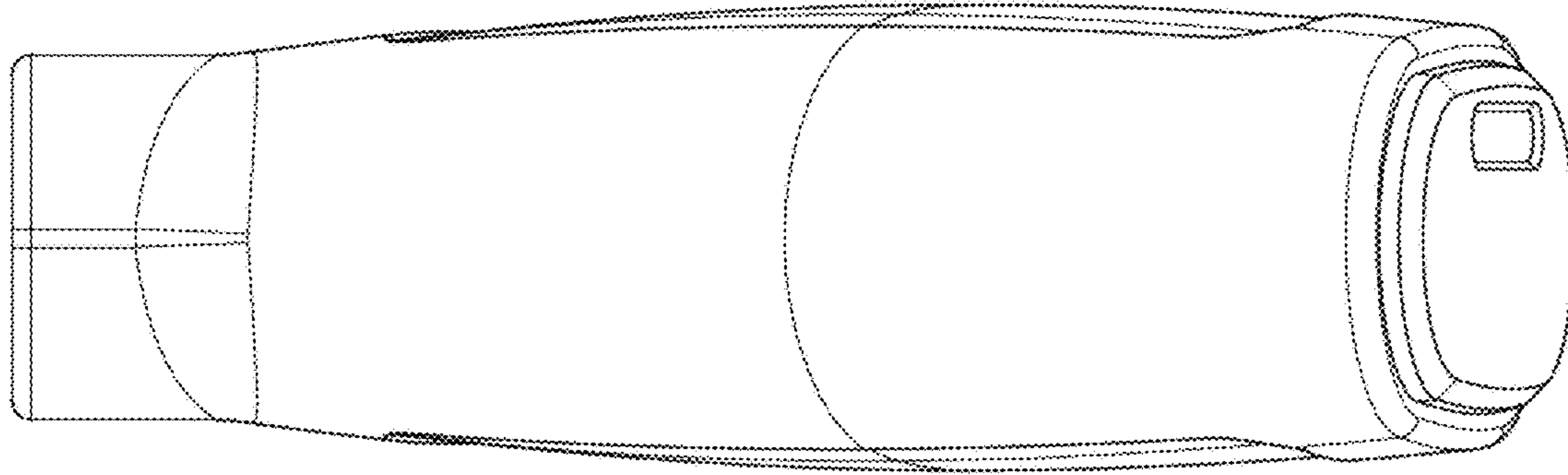


FIG. 22

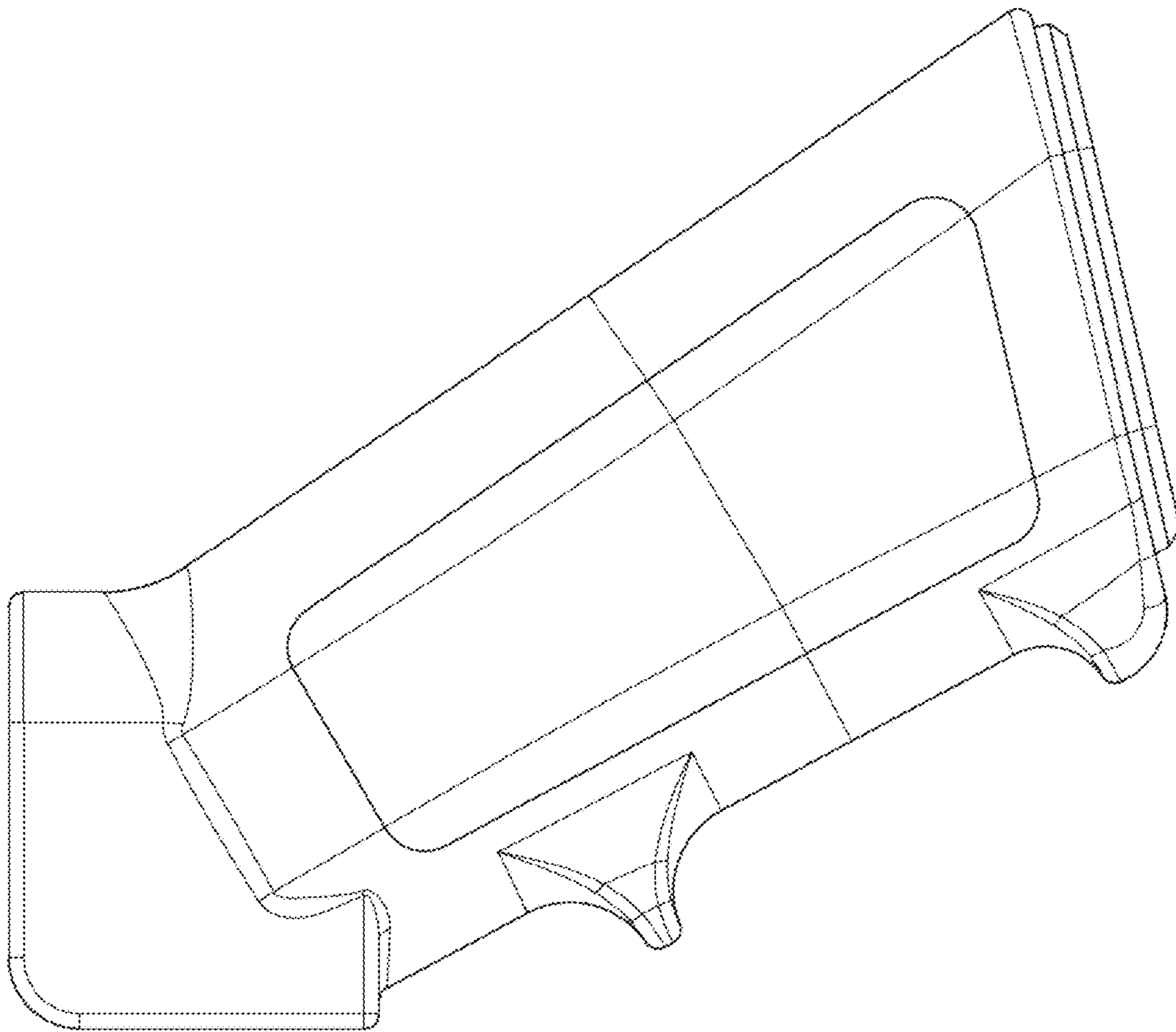


FIG. 21

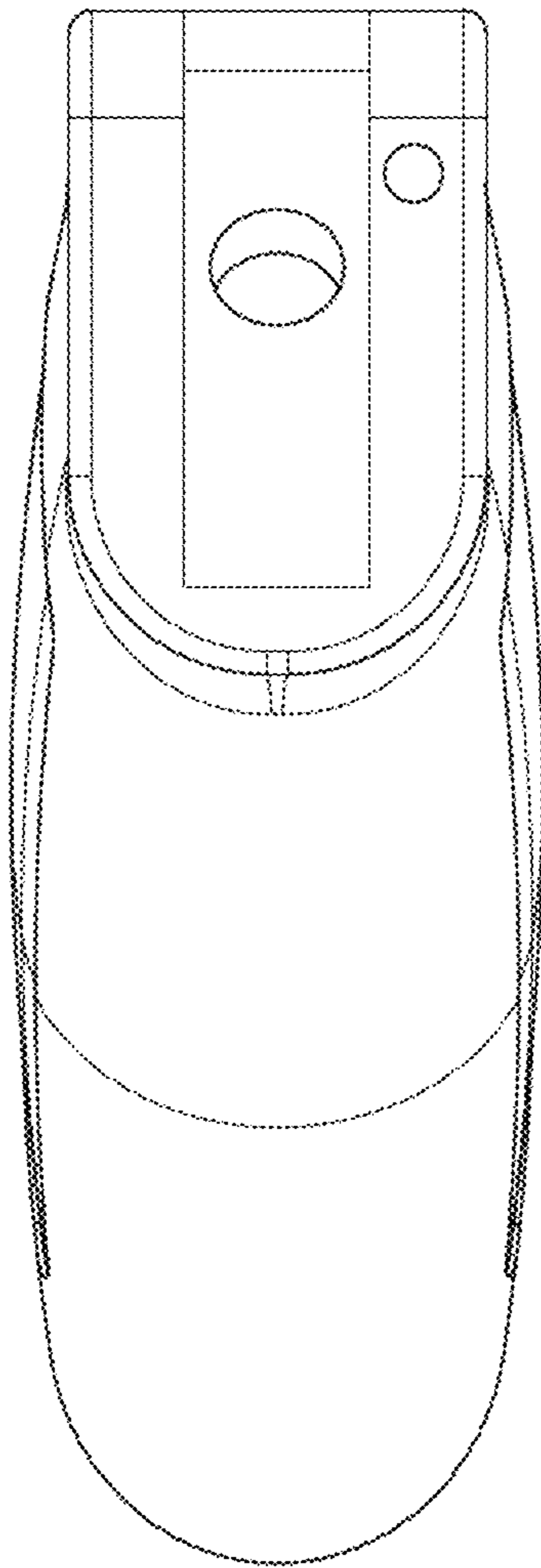


FIG. 23

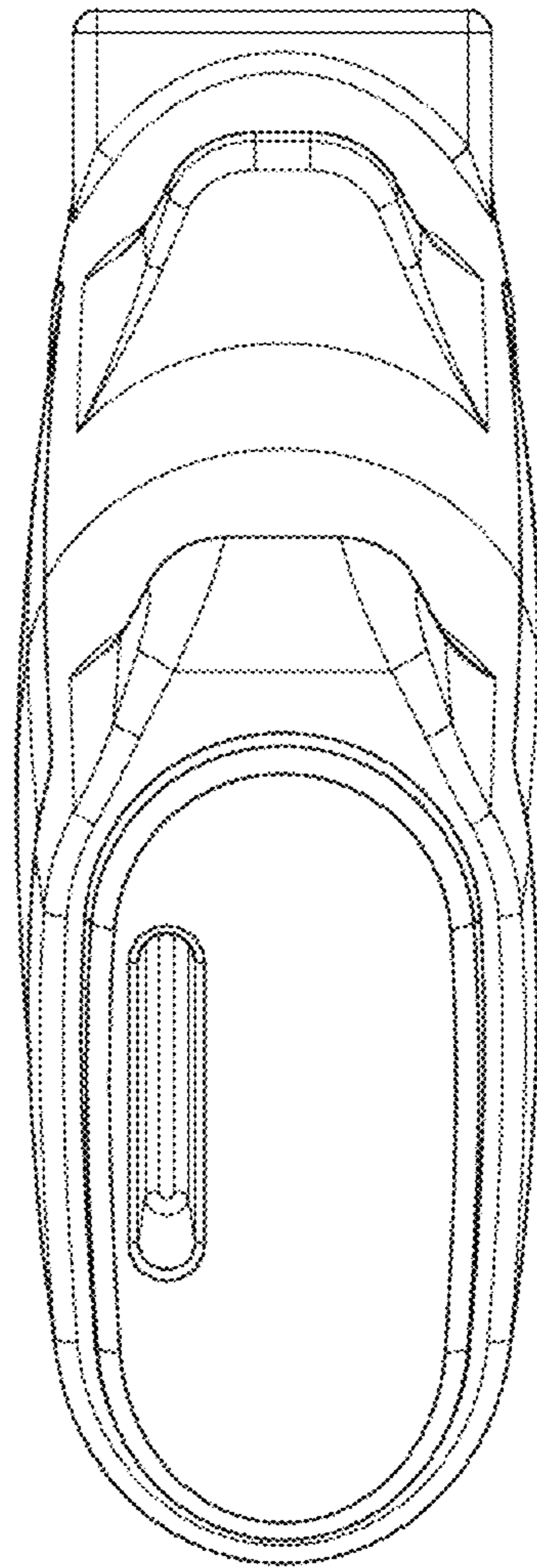


FIG. 24

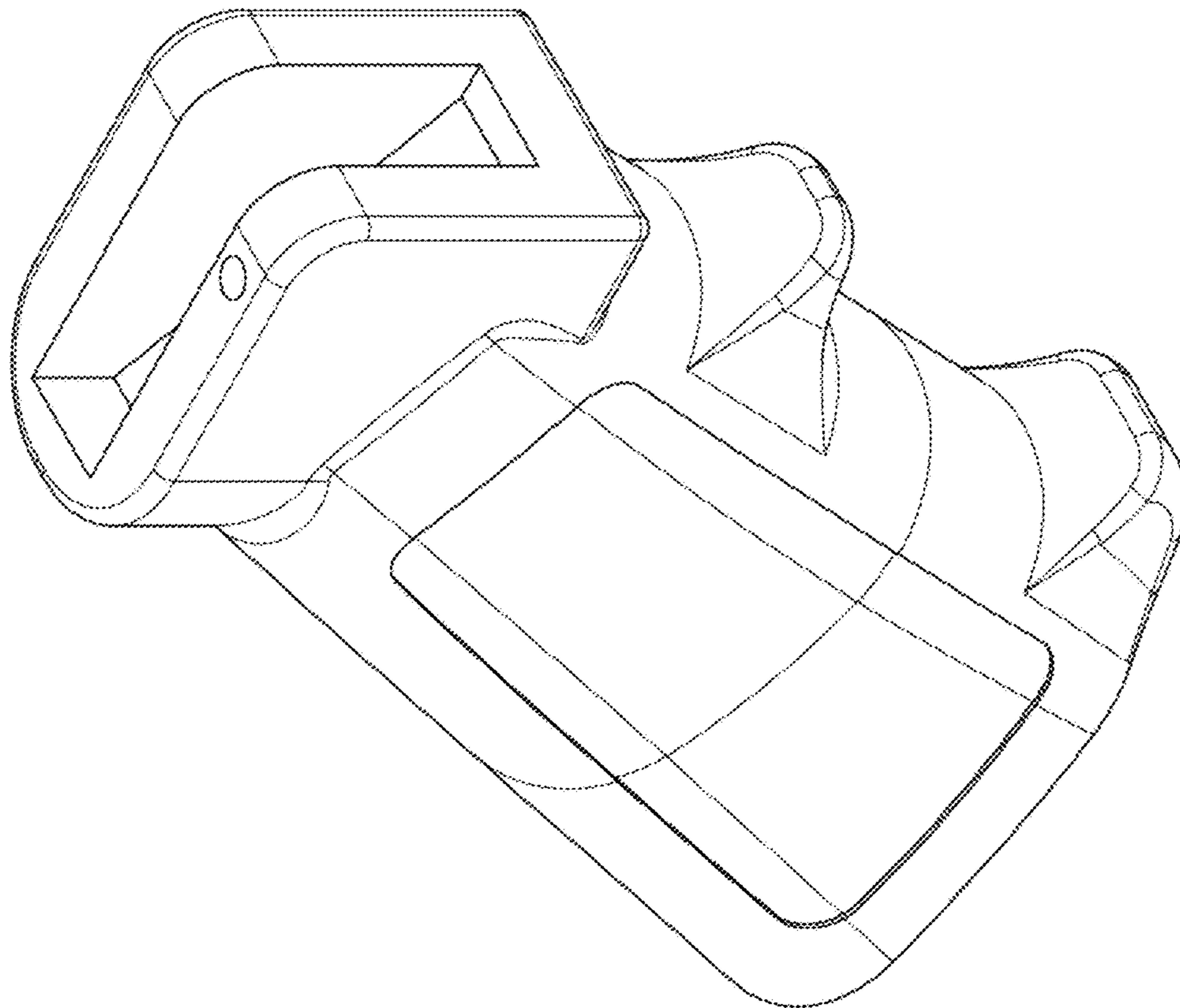


FIG. 25

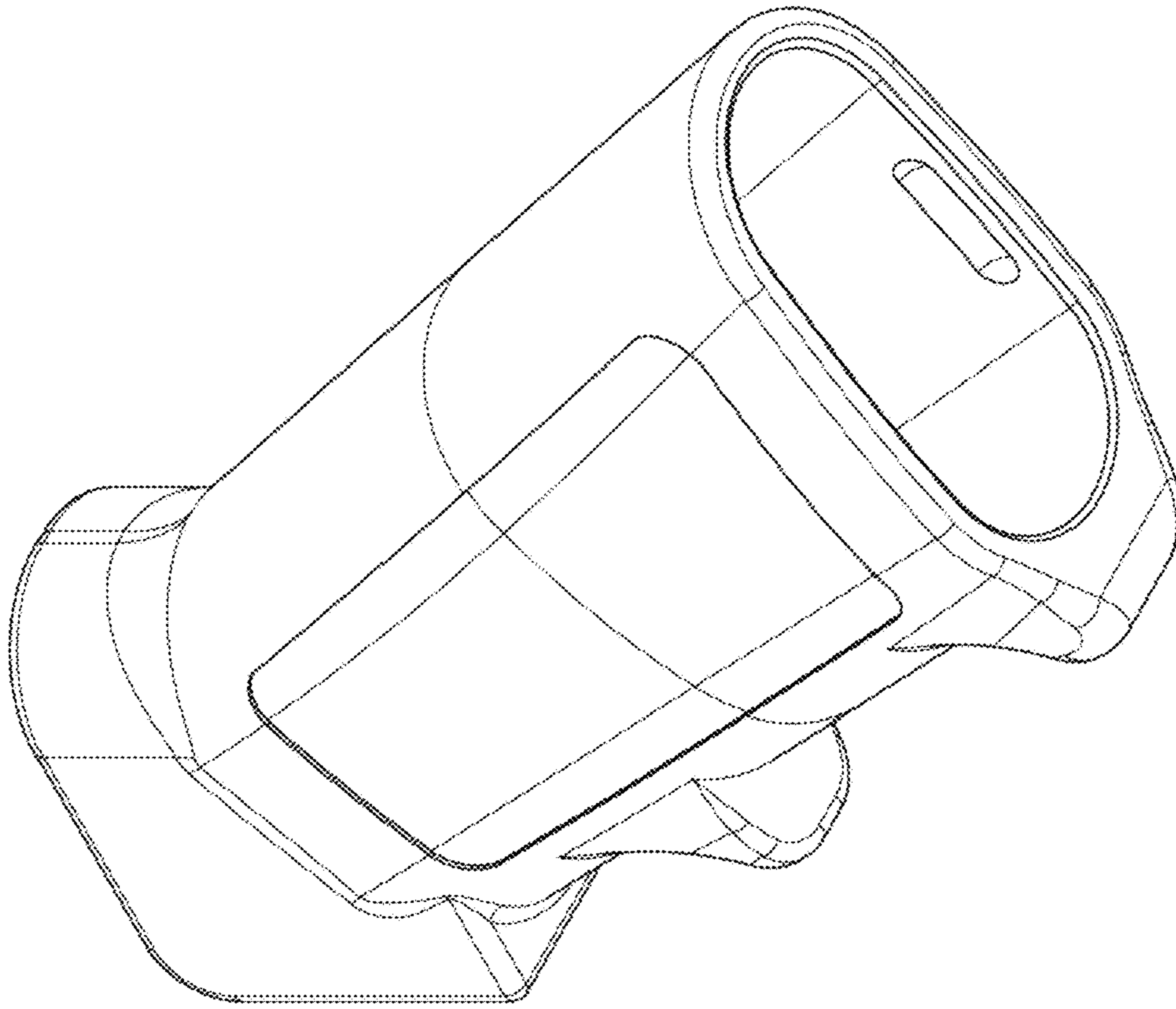


FIG. 26

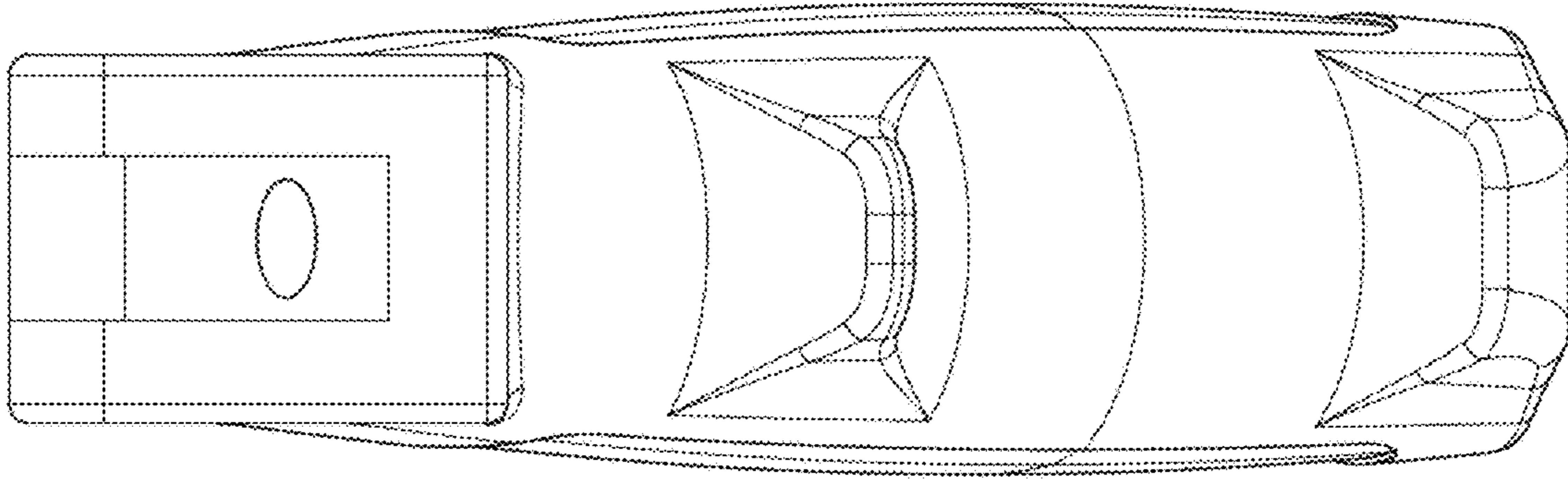


FIG. 28

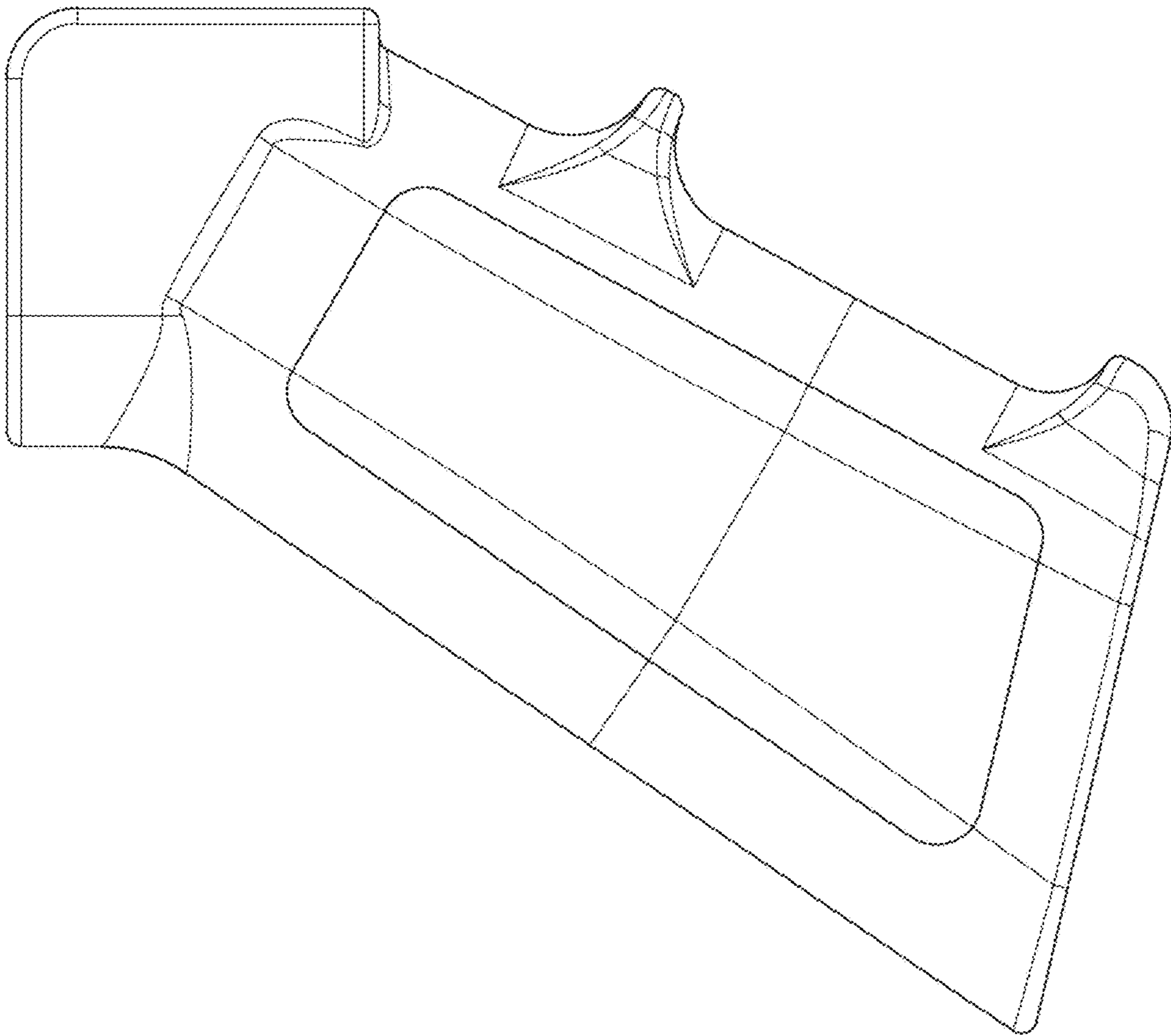


FIG. 27

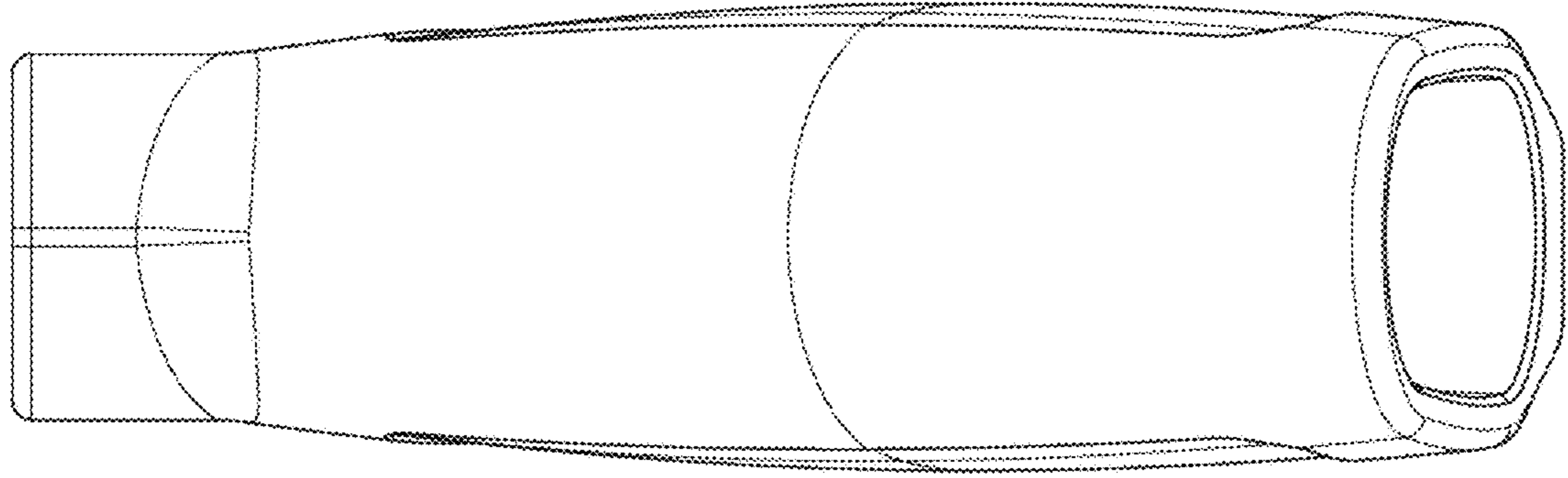


FIG. 30

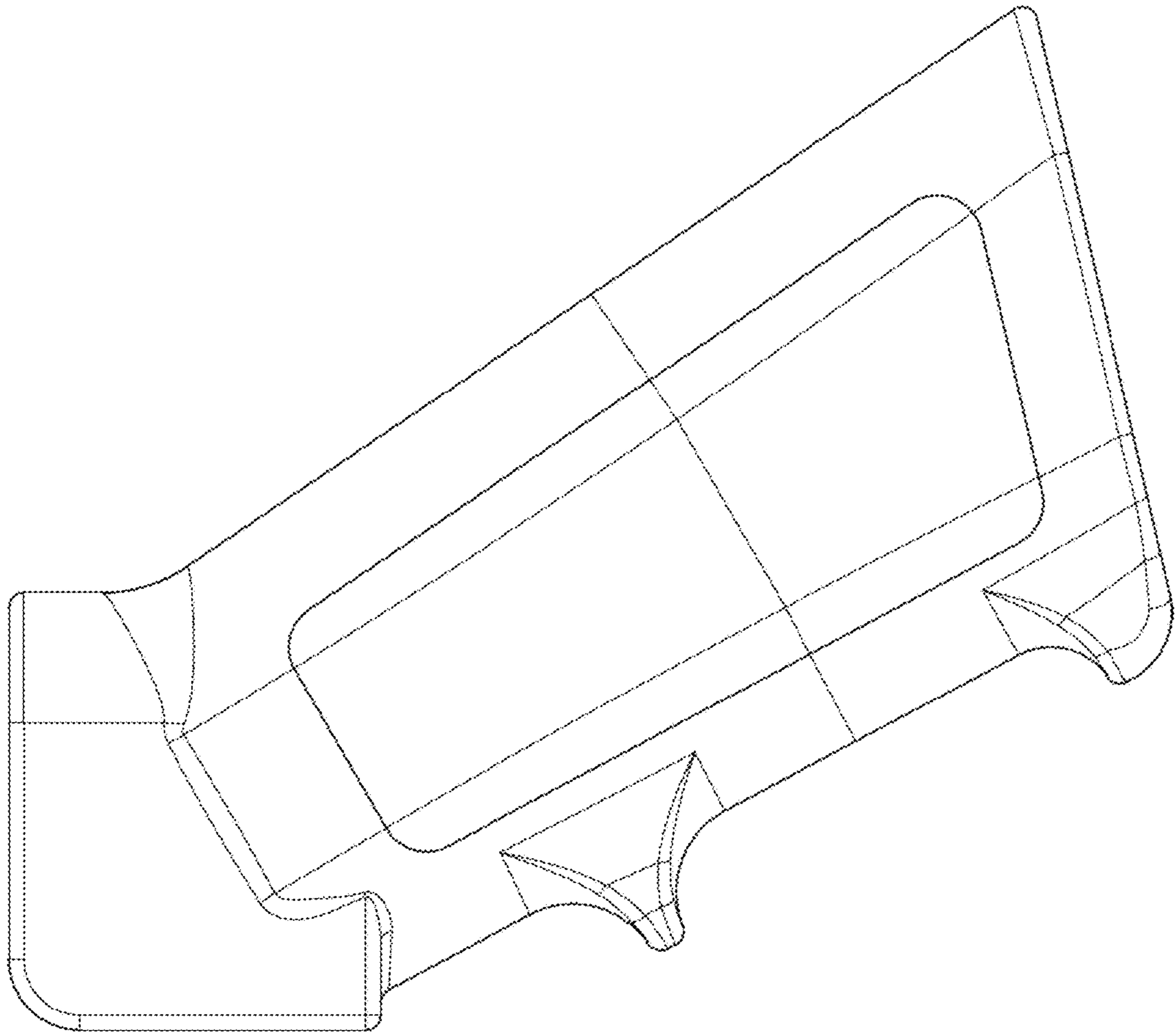


FIG. 29

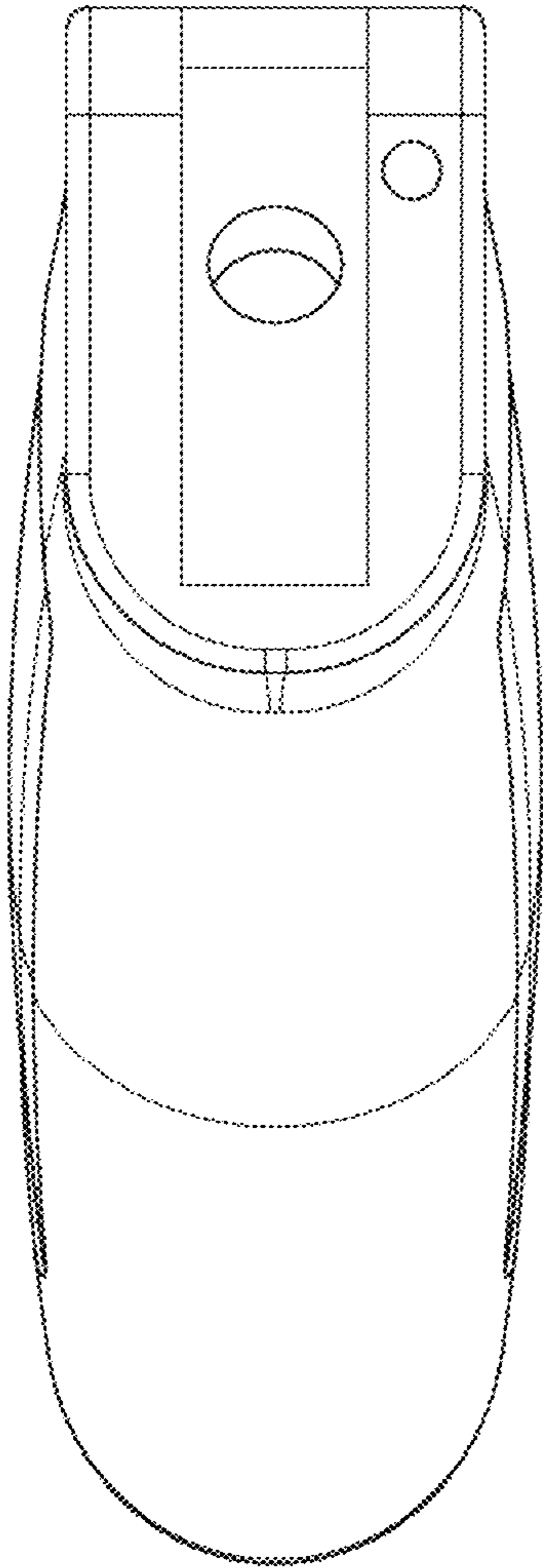


FIG. 31

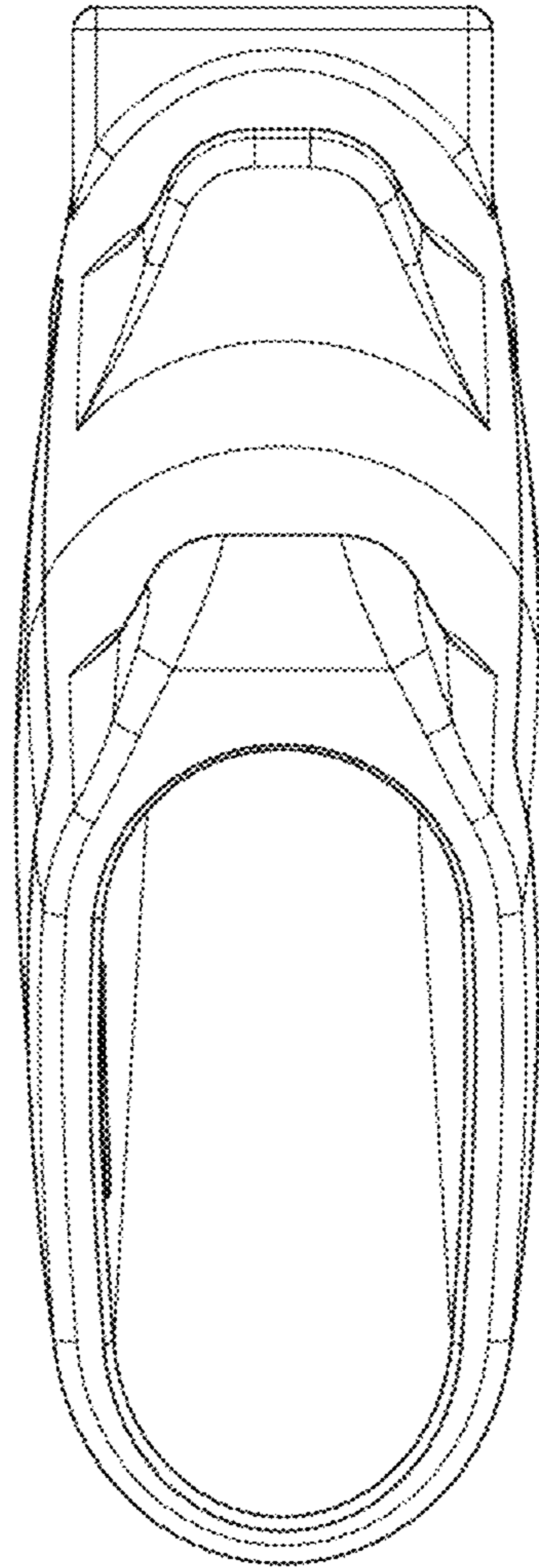


FIG. 32