

US00D505144S

(12) **United States Design Patent**
Raab et al.

(10) **Patent No.:** **US D505,144 S**
(45) **Date of Patent:** **** May 17, 2005**

(54) **LASER SCANNER FOR A PORTABLE
COORDINATE MEASUREMENT MACHINE**

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(**) Term: **14 Years**

(21) Appl. No.: **29/192,692**

(22) Filed: **Oct. 28, 2003**

Related U.S. Application Data

(60) Division of application No. 29/175,947, filed on Feb. 13,
2003, which is a continuation-in-part of application No.
29/166,332, filed on Aug. 26, 2002, now Pat. No. Des.
479,544, which is a continuation-in-part of application No.
29/155,790, filed on Feb. 14, 2002, now Pat. No. Des.
472,824.

(51) **LOC (7) Cl.** **15-99**

(52) **U.S. Cl.** **D15/199**

(58) **Field of Search** D15/199; 74/409.02;
33/503-506, 1 M, 556-561; 702/150

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,593,470 A *	6/1986	Davies	33/1 CC
4,676,002 A *	6/1987	Slocum	33/1 MP
4,937,759 A *	6/1990	Vold	700/262
5,050,608 A *	9/1991	Watanabe et al.	600/429
5,086,401 A *	2/1992	Glassman et al.	700/259
5,189,797 A *	3/1993	Granger	33/1 MP
D344,279 S *	2/1994	Koyama et al.	D15/199
5,412,880 A *	5/1995	Raab	33/503
D377,932 S *	2/1997	Schena et al.	D14/411
5,611,147 A *	3/1997	Raab	33/503

5,724,264 A *	3/1998	Rosenberg et al.	702/152
5,768,792 A *	6/1998	Raab	33/503
5,807,449 A *	9/1998	Hooker et al.	156/64
5,829,148 A *	11/1998	Eaton	33/503
D410,477 S *	6/1999	Nihei et al.	D15/199
5,978,748 A *	11/1999	Raab	702/150
D423,534 S *	4/2000	Raab et al.	D15/199
6,131,299 A *	10/2000	Raab et al.	33/503
6,151,789 A *	11/2000	Raab et al.	33/503
6,546,643 B2 *	4/2003	Lotze et al.	33/559

* cited by examiner

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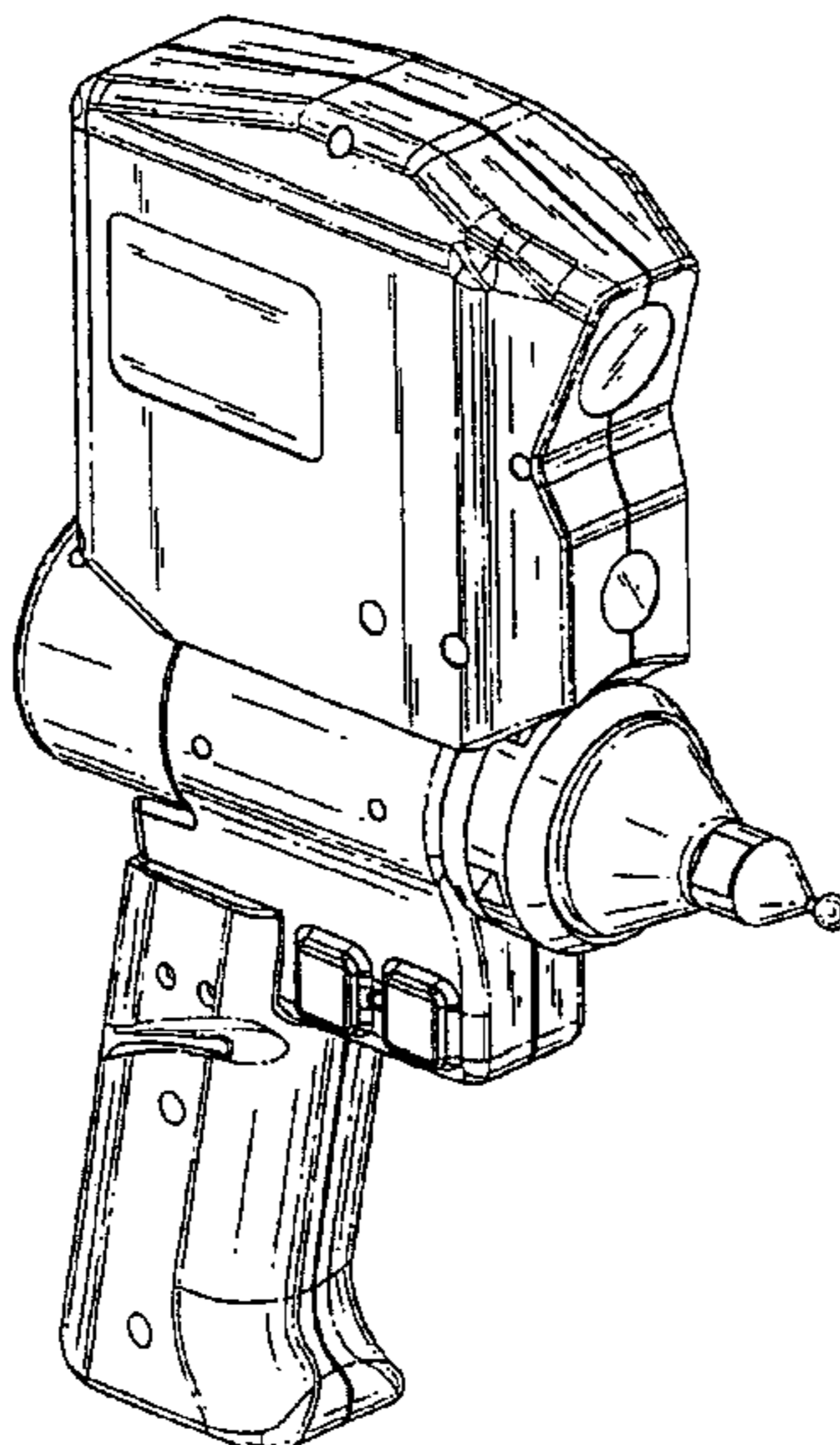
(57) **CLAIM**

The ornamental design for a laser scanner for a portable
coordinate measurement machine, as shown.

DESCRIPTION

FIG. 1 is a front perspective view of our new laser scanner
for a portable coordinate measurement machine;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof with the left side view
being a mirror image thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a front perspective view of a second embodiment
of our new laser scanner for a portable coordinate measure-
ment machine;
FIG. 9 is a rear perspective view thereof;
FIG. 10 is a front view thereof;
FIG. 11 is a rear view thereof;
FIG. 12 is a right side view thereof with the left side view
being a mirror image thereof;
FIG. 13 is a top view thereof; and,
FIG. 14 is a bottom view thereof.

1 Claim, 8 Drawing Sheets



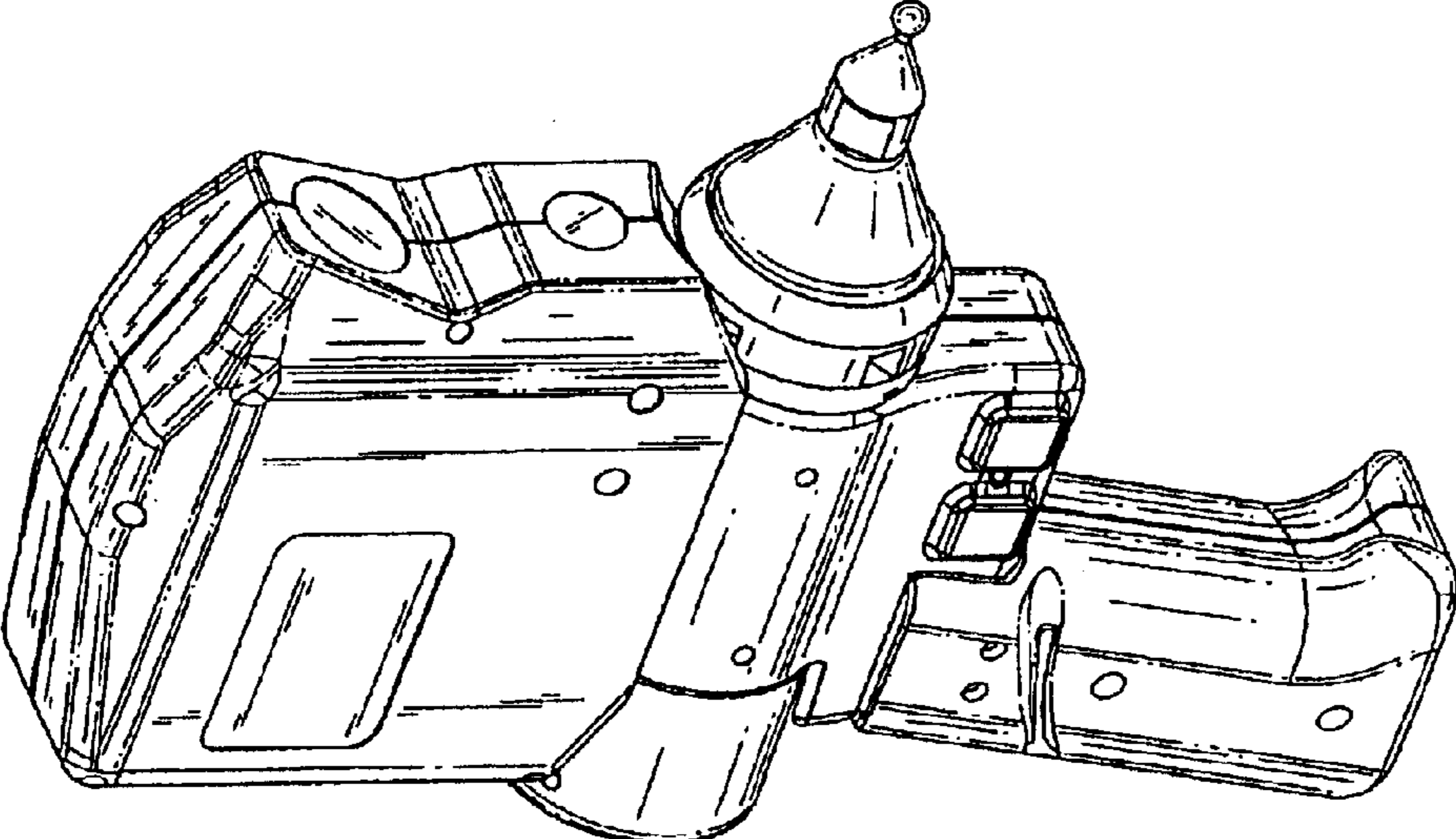


FIG. 1

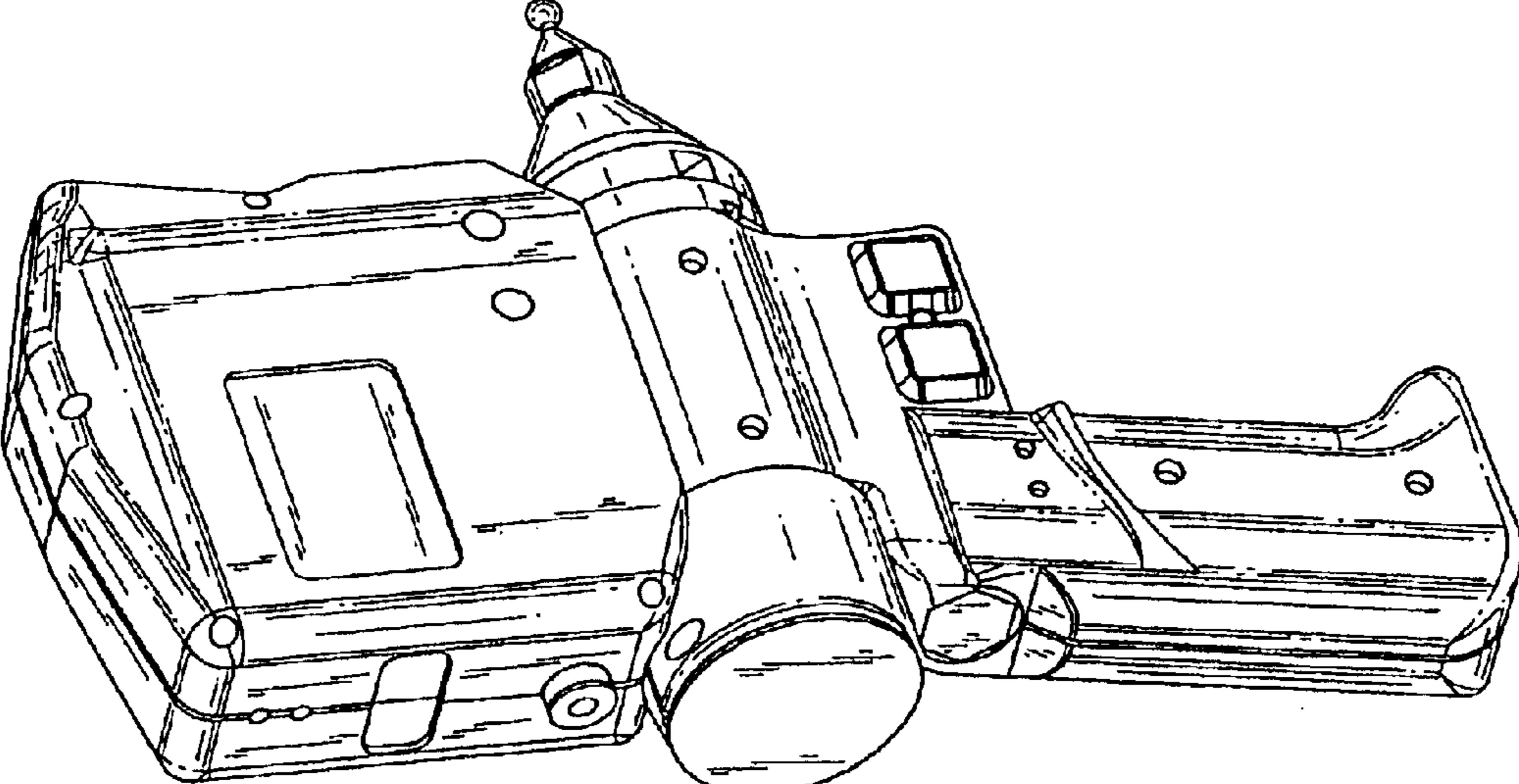


FIG. 2

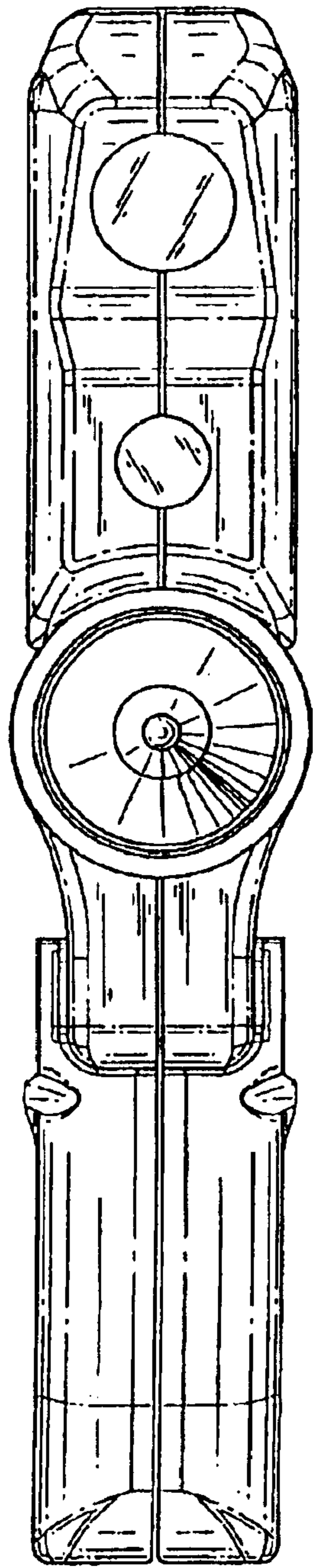


FIG. 3

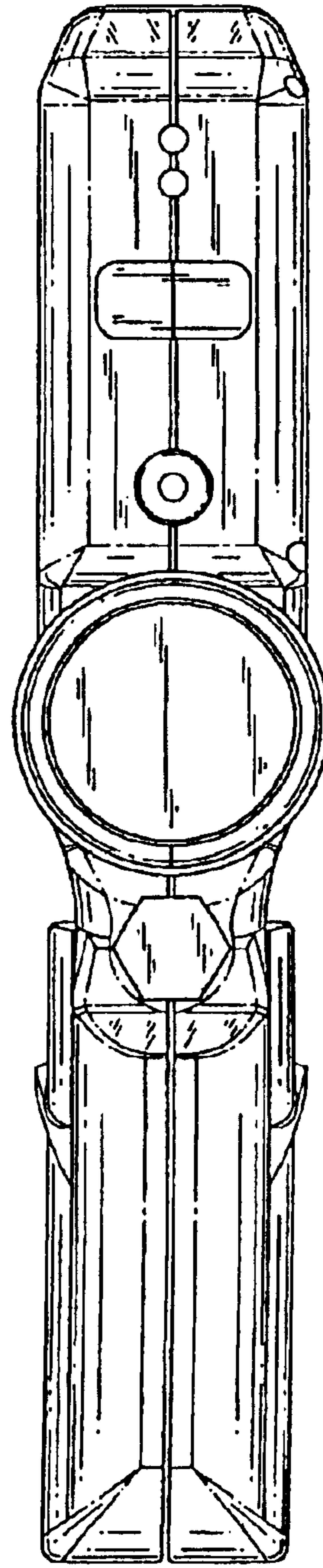


FIG. 4

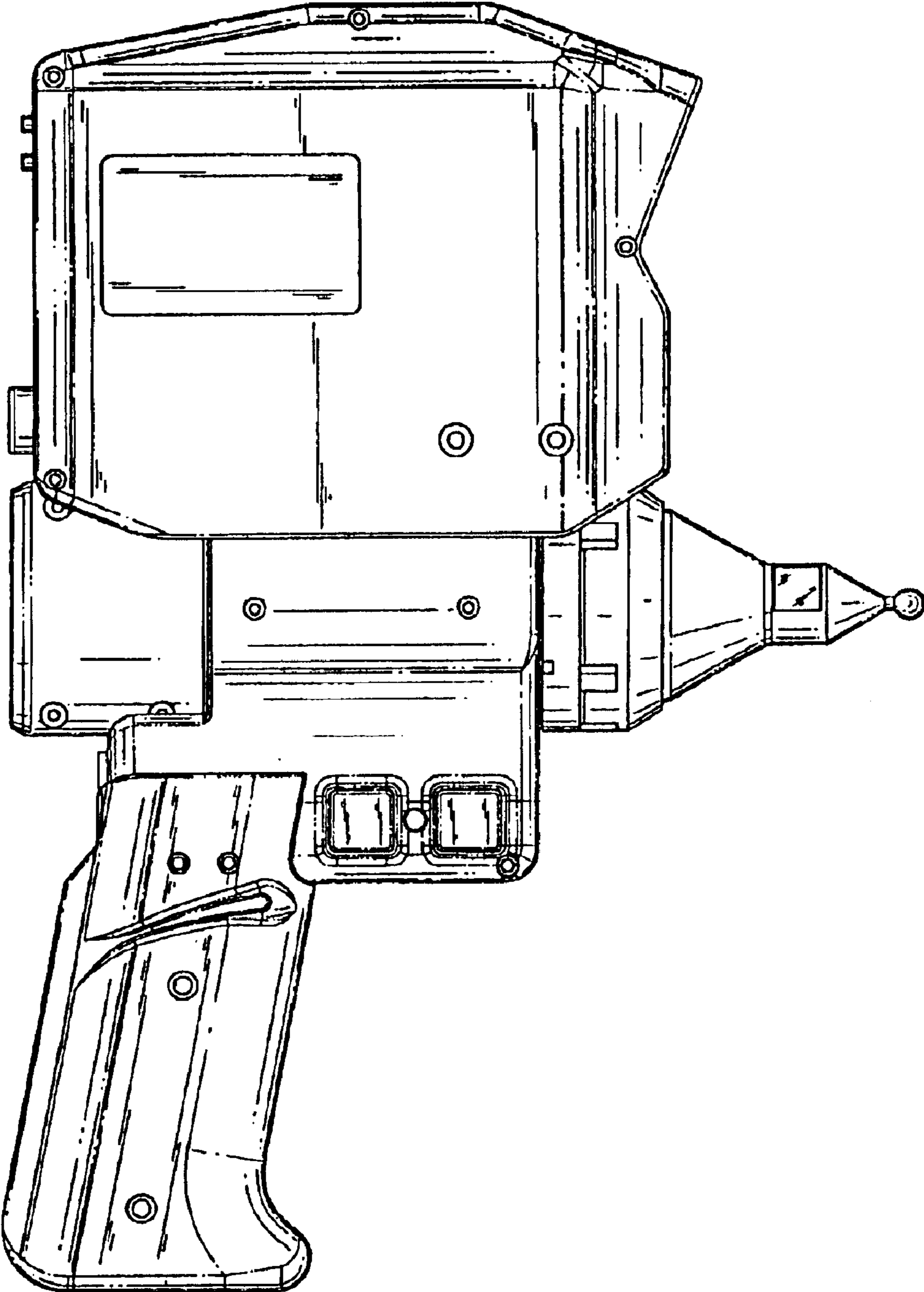


FIG. 5

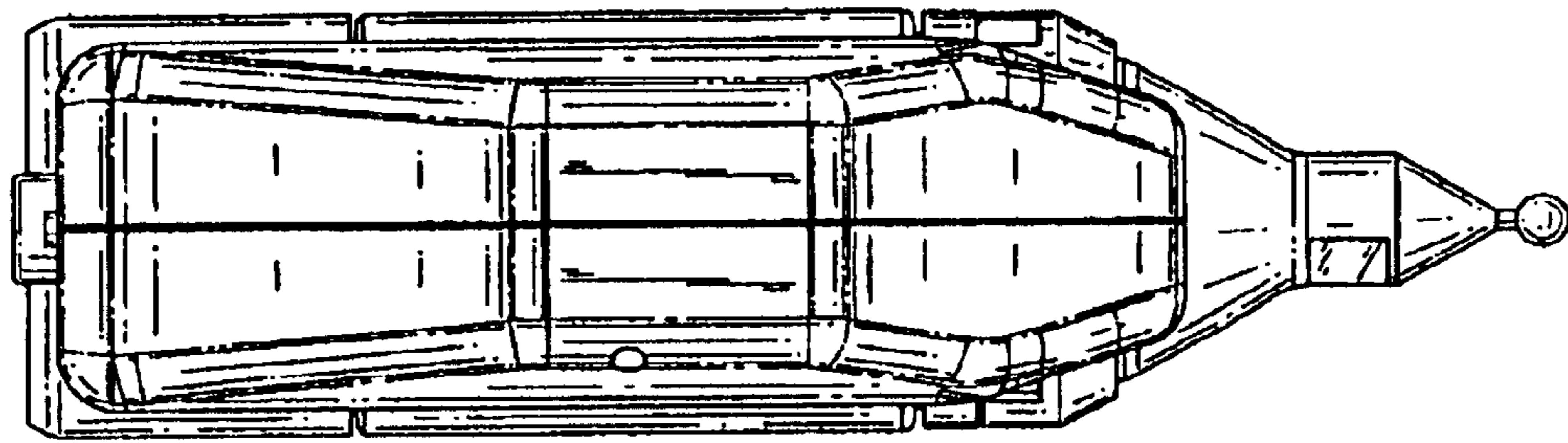


FIG. 6

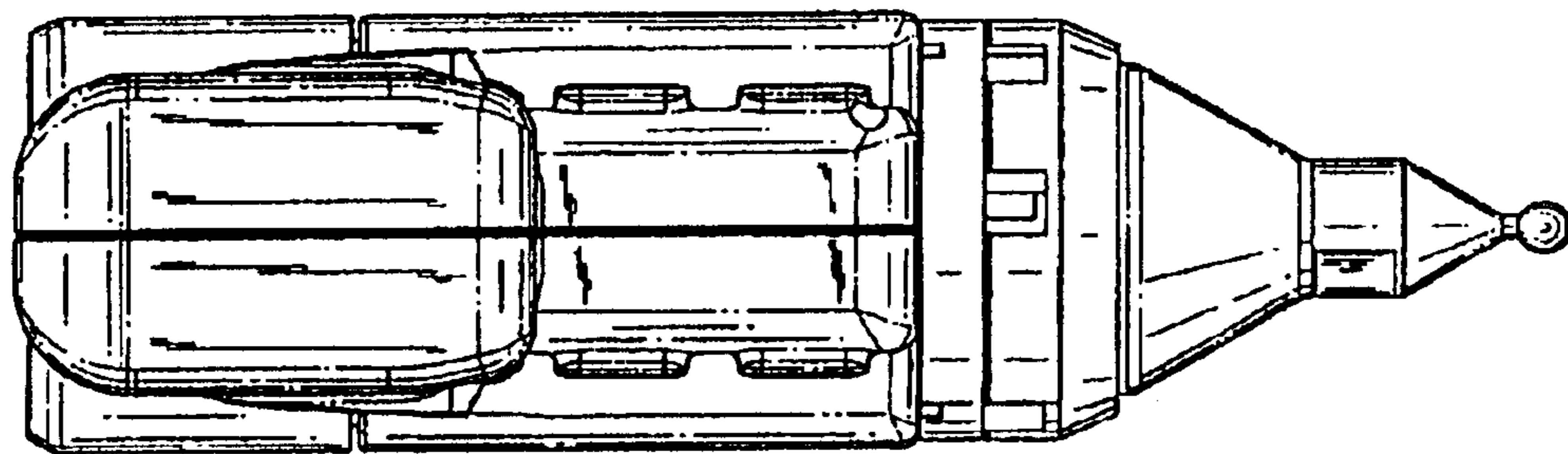


FIG. 7

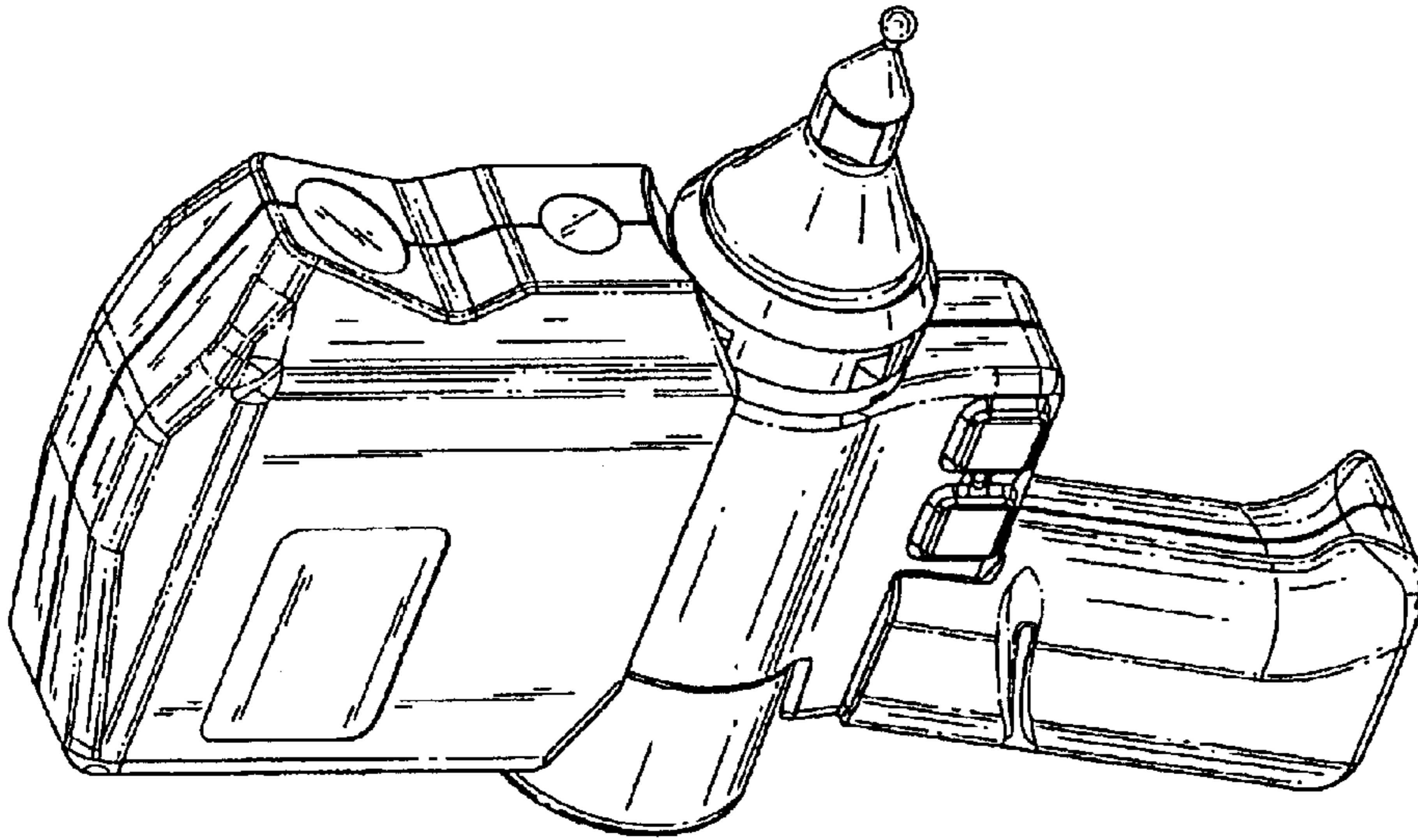


FIG. 8

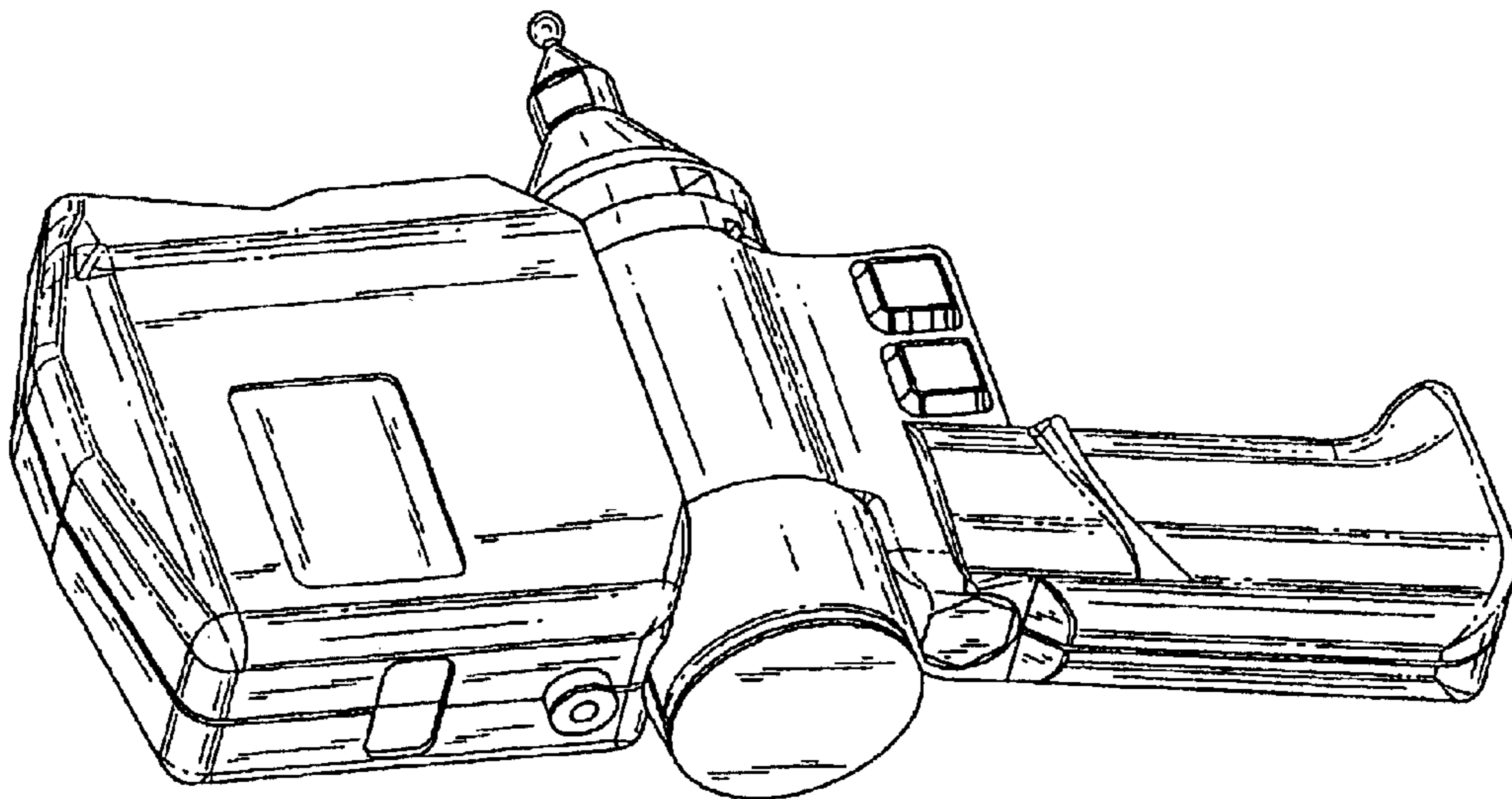


FIG. 9

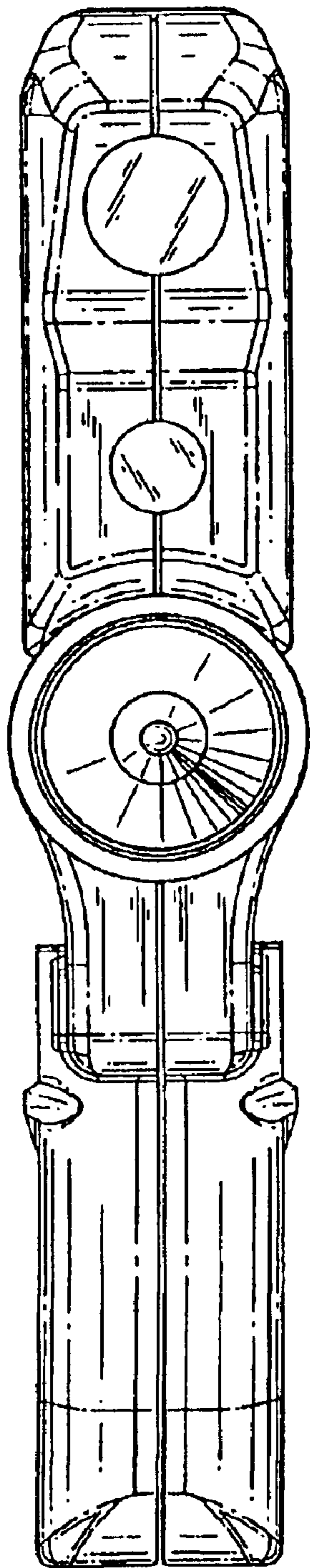


FIG. 10

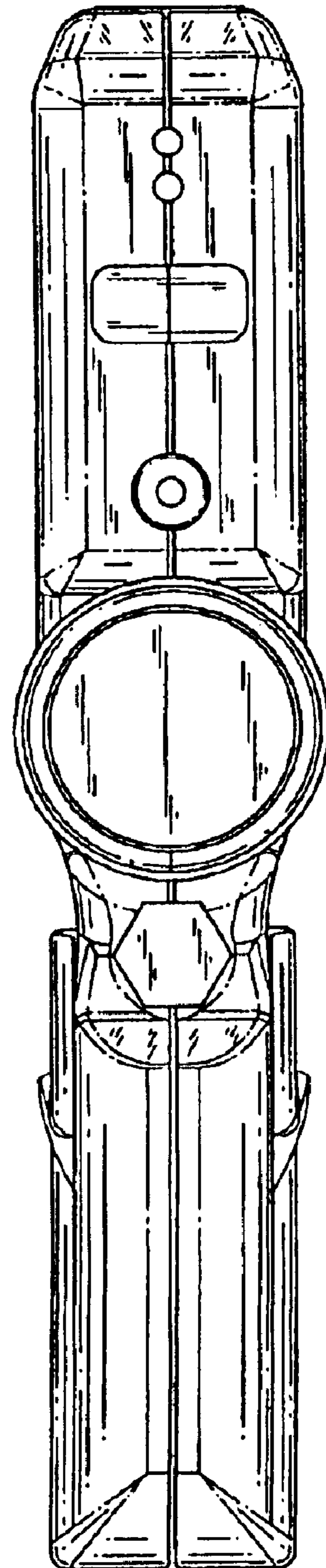


FIG. 11

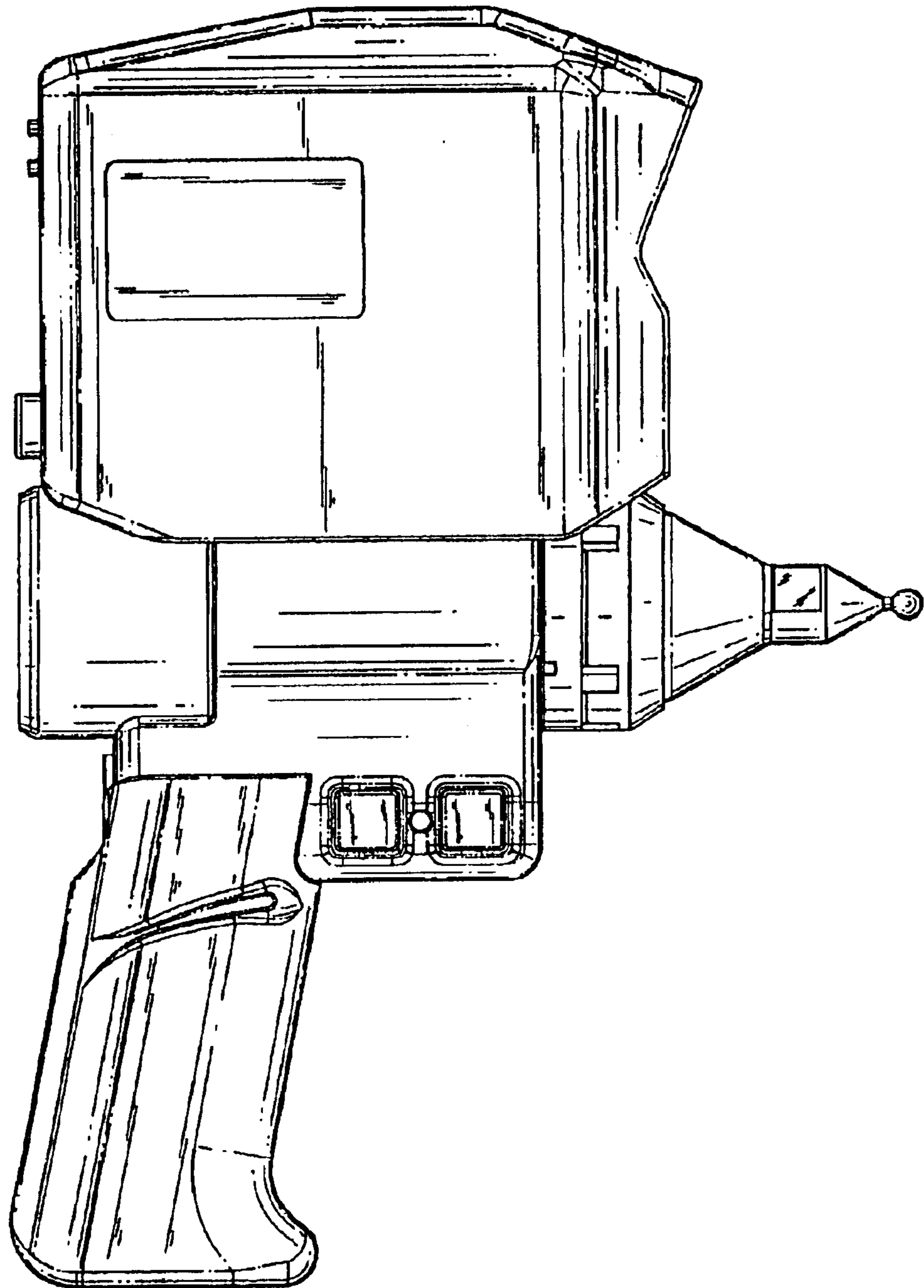


FIG. 12

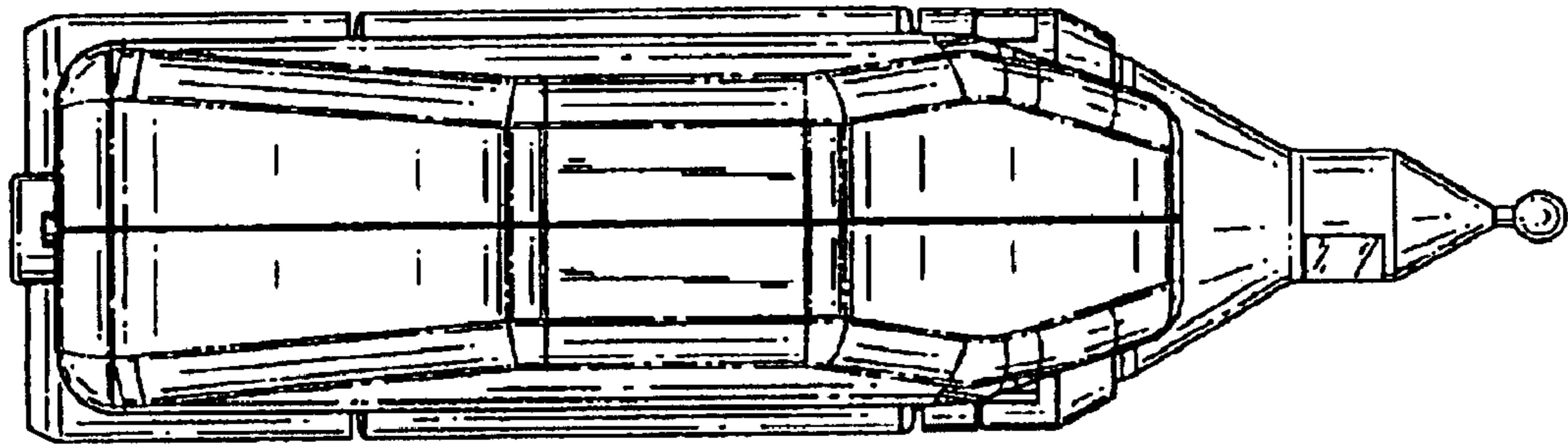


FIG. 13

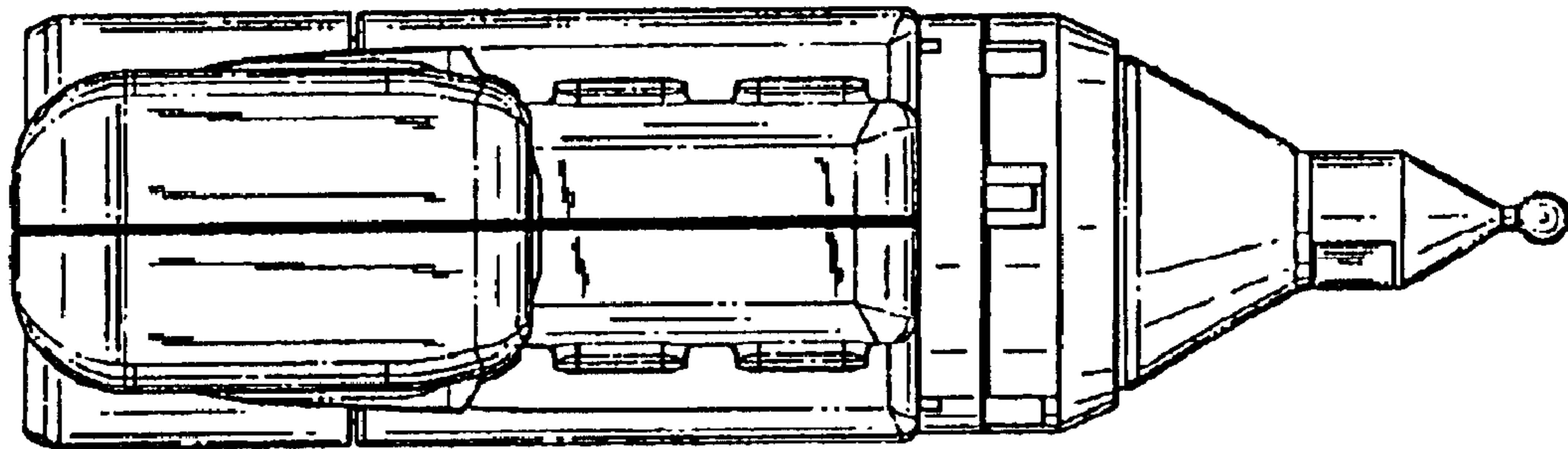


FIG. 14