



US00D758224S

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

(10) **Patent No.:** **US D758,224 S**
(45) **Date of Patent:** **** Jun. 7, 2016**

(54) **HANDHELD LUMINOMETER**

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

(72) Inventors: **Phillip A. Bolea**, Grant, MN (US);
Thomas J. Brace, St. Paul, MN (US);
Thomas E. Dewey, Jr., Hudson, WI (US)

(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, Saint Paul, MN (US)

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

(21) Appl. No.: **29/520,368**

(22) Filed: **Mar. 13, 2015**

(51) **LOC (10) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**

(58) **Field of Classification Search**
USPC D10/78, 81; D24/186, 216, 232-234
CPC ... G01N 21/76; G01N 21/763; G01N 21/766;
G01N 21/94; G01N 2201/022; G01N 2201/0221;
G01N 2201/0222; G01J 1/4228; G01J 2001/4233;
G01J 2001/4238; G01J 2001/4242; G01J 2001/4247; G01J 2001/4252;
G01J 1/4257; G01J 2001/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,755,055	A	7/1988	Johnson	
5,086,233	A	2/1992	Stafford	
5,827,675	A	10/1998	Skiffington	
6,197,254	B1	3/2001	Silver	
7,505,128	B2 *	3/2009	Zribi	G01J 3/02 356/301
7,981,362	B2	7/2011	Glezer	
8,352,207	B2 *	1/2013	Tokhtuev	G01N 21/274 702/104
D684,876	S *	6/2013	Laurino	D10/78
D701,130	S *	3/2014	Laurino	D10/78
8,823,928	B2 *	9/2014	Herzog	G01H 9/00

8,951,472	B2 *	2/2015	Kellner	356/213 G01N 21/6428
D731,339	S *	6/2015	Laurino	422/68.1 D10/78
2003/0119030	A1	6/2003	Zilber	
2004/0149899	A1	8/2004	Packman	
2006/0166371	A1	7/2006	Testa	

(Continued)

FOREIGN PATENT DOCUMENTS

DE	19840055	3/2000
GB	2223095	3/1990
JP	2009-264821	11/2009
WO	96-14570	5/1996
WO	97-03209	1/1997
WO	98-54578	12/1998
WO	2014-007846	1/2014

Primary Examiner — Antoine D Davis

(74) *Attorney, Agent, or Firm* — 3M Innovative Properties Company; Eric E. Silverman

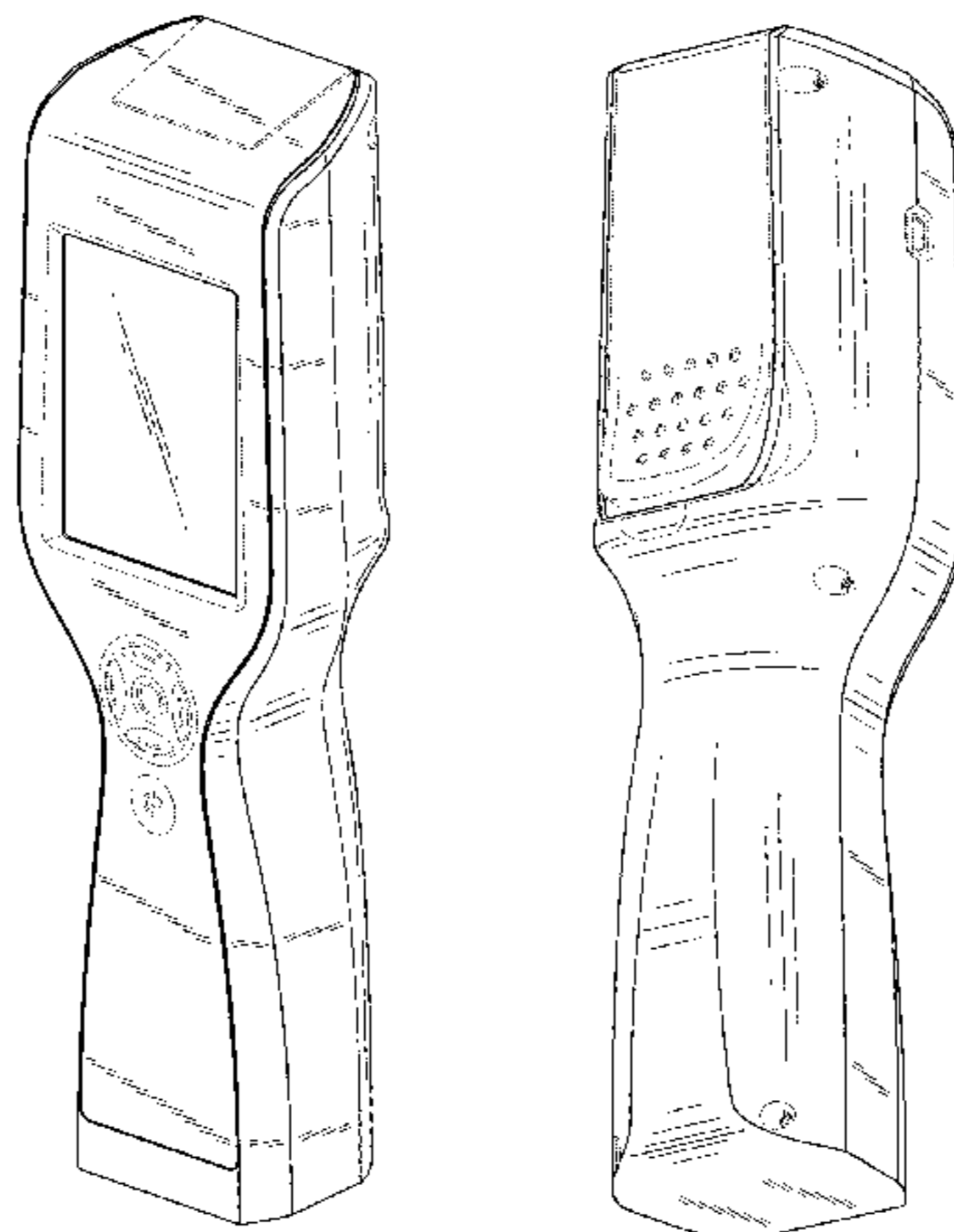
(57) **CLAIM**

The ornamental design for a handheld luminometer, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a handheld luminometer embodying the new design;
 FIG. 2 is a front view of a handheld luminometer embodying the new design;
 FIG. 3 is a right side view of a handheld luminometer embodying the new design;
 FIG. 4 is a back view of a handheld luminometer embodying the new design;
 FIG. 5 is a left side view of a handheld luminometer embodying the new design;
 FIG. 6 is a top plan view of a handheld luminometer embodying the new design;
 FIG. 7 is a bottom plan view of a handheld luminometer embodying the new design; and,
 FIG. 8 is a back perspective view of a handheld luminometer embodying the new design.
 The broken lines showing form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2006/0216196 A1 9/2006 Satoh
2007/0257202 A1 11/2007 Walker
2010/0068750 A1 3/2010 Pogosjan
2010/0129840 A1 5/2010 Charm

2011/0143947 A1 6/2011 Chamberlin
2012/0329081 A1 12/2012 Bennion
2014/0004548 A1 1/2014 Gordon
2014/0154792 A1 6/2014 Moynihan
2015/0346097 A1* 12/2015 Battrell G01N 21/6428
435/6.11

* cited by examiner

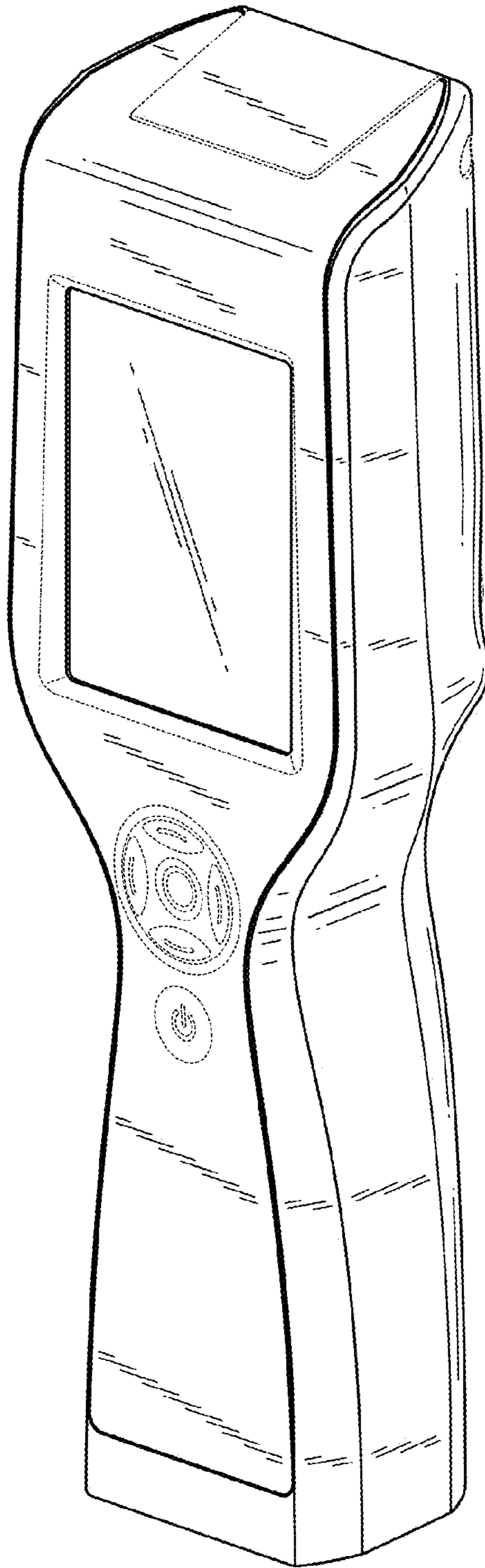


FIG. 1

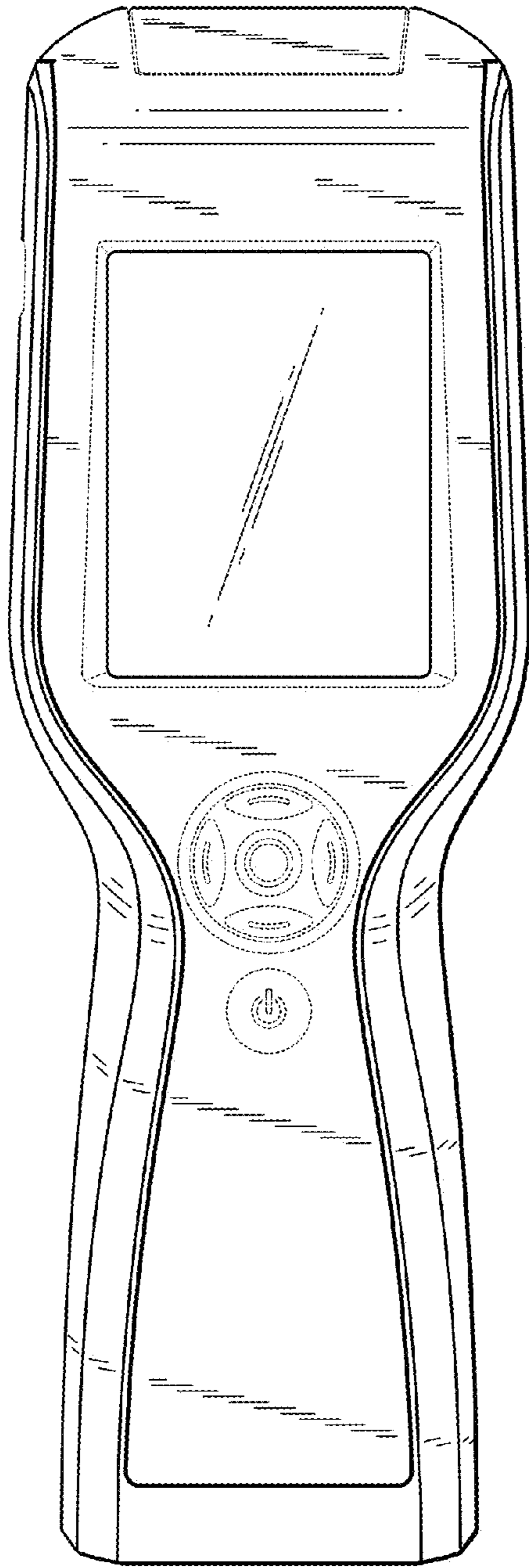


FIG. 2

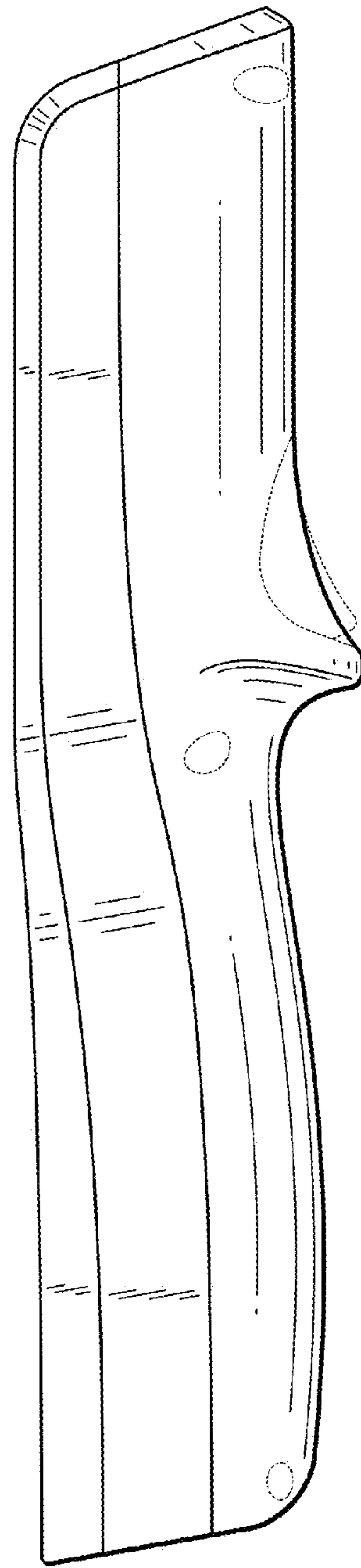


FIG. 3

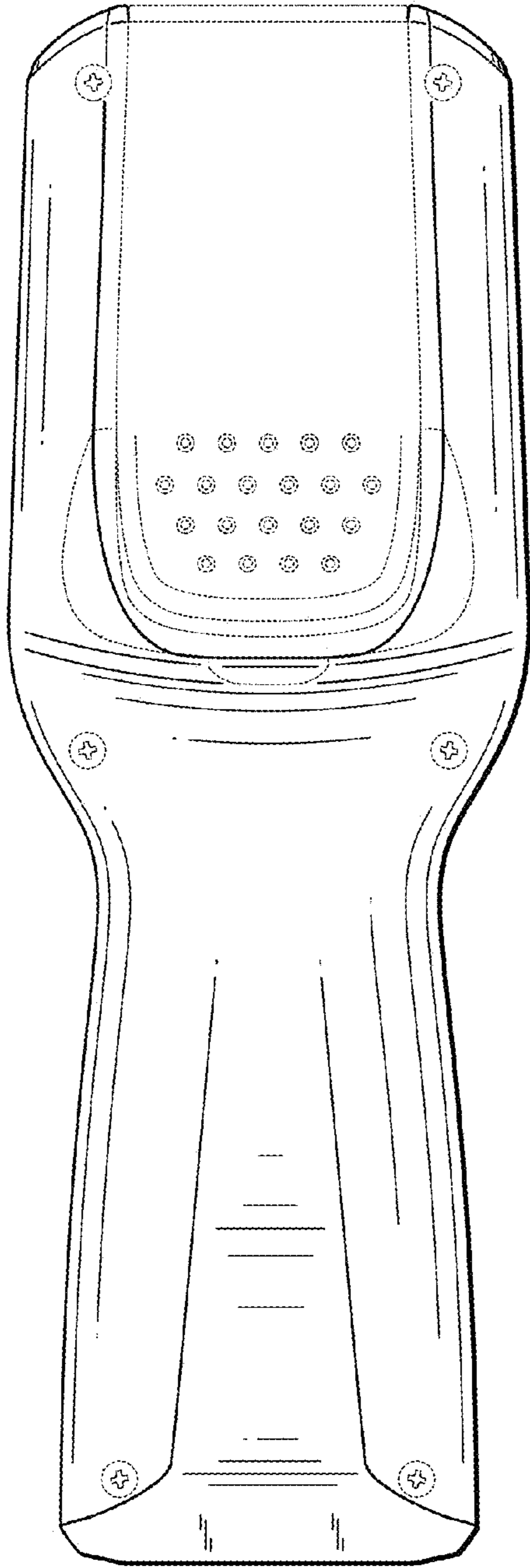


FIG. 4

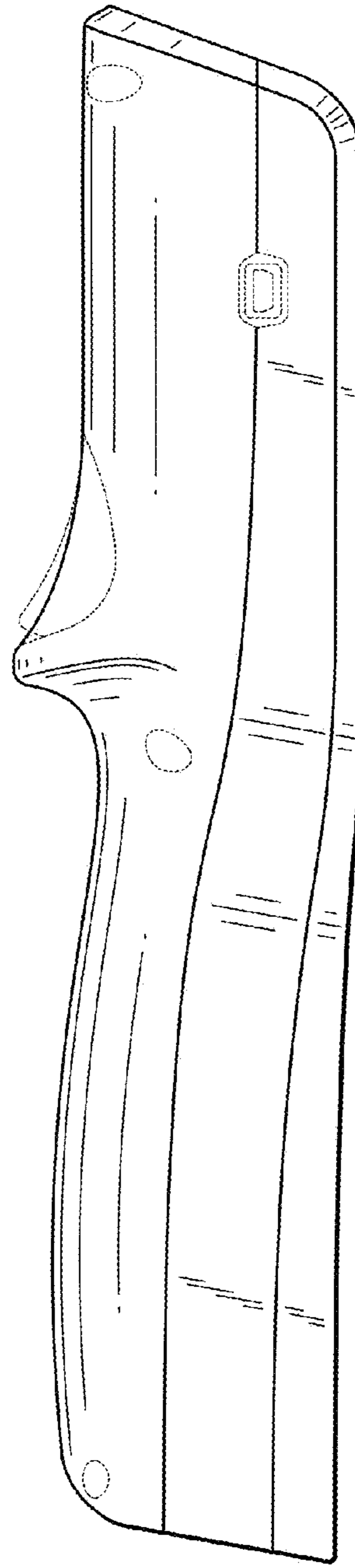


FIG. 5

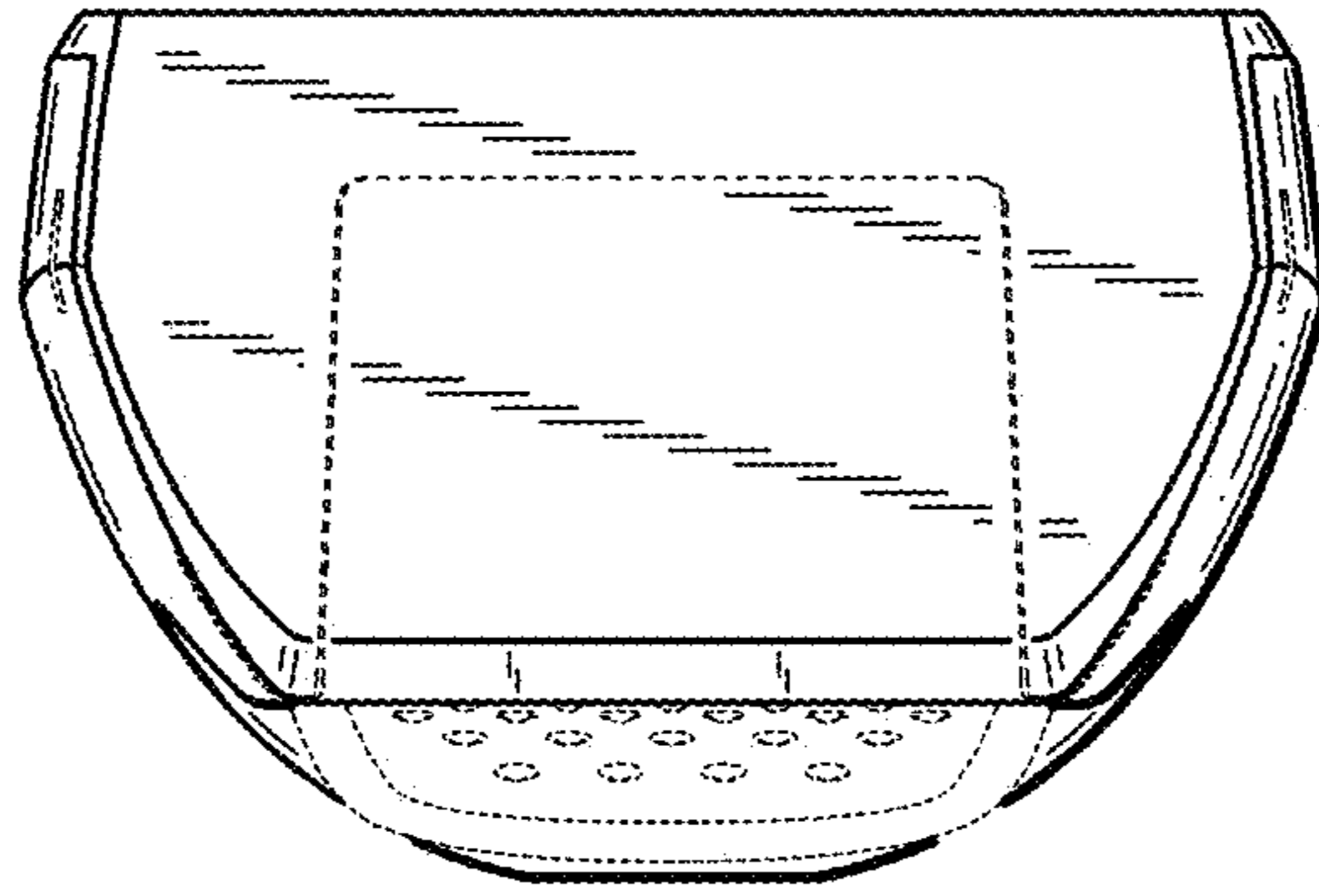


FIG. 6

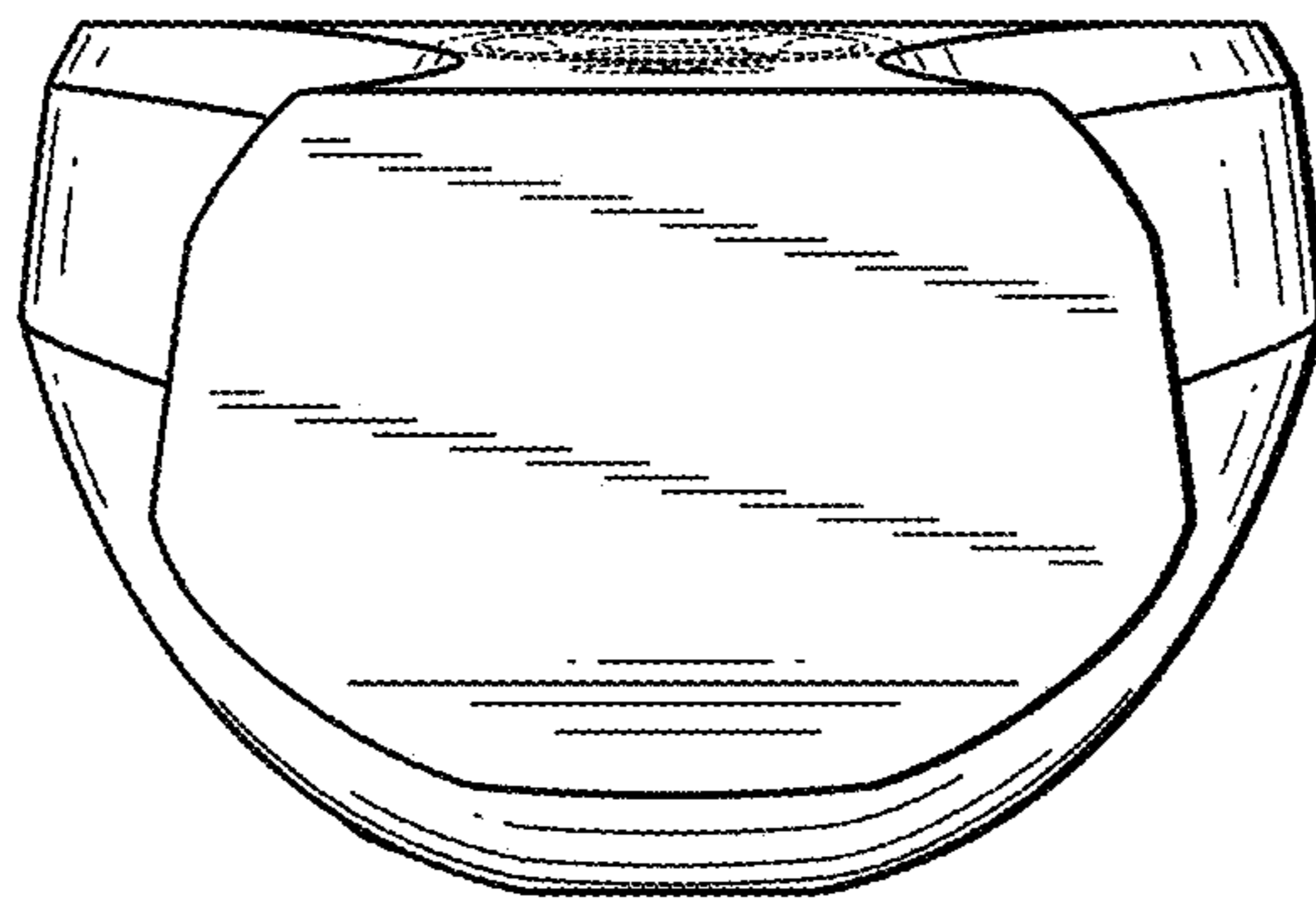


FIG. 7

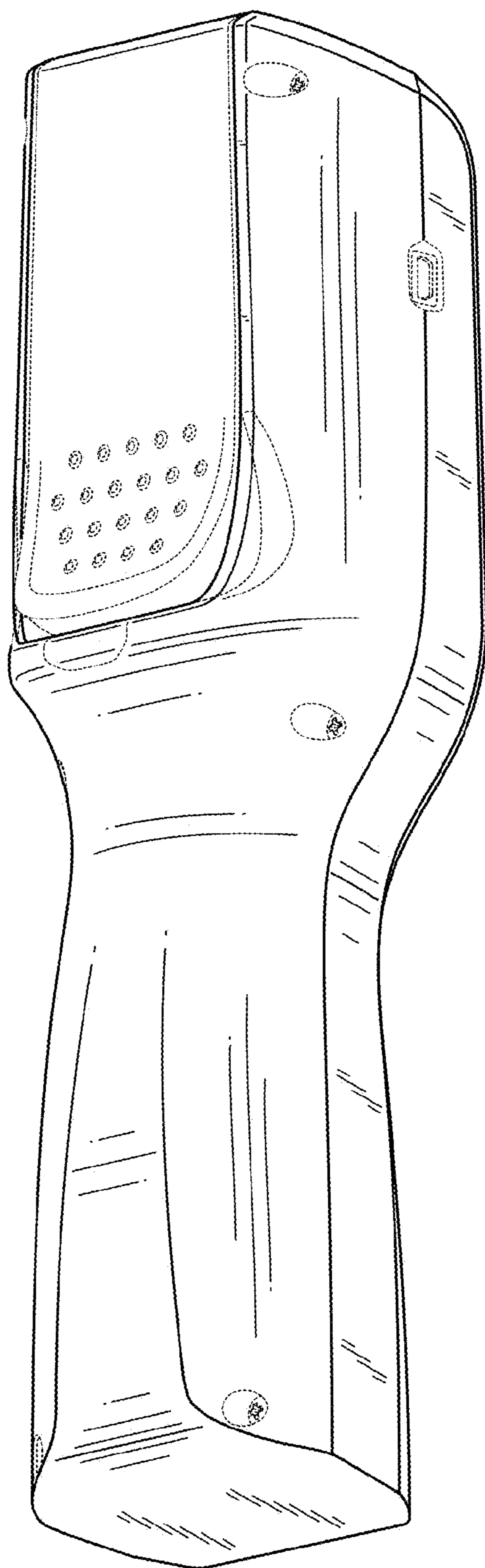


FIG. 8