



US00D456806S

(12) **United States Design Patent** (10) **Patent No.:** **US D456,806 S**
Ahearn et al. (45) **Date of Patent:** **** May 7, 2002**

(54) **CONTOURED HOUSING**

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(73) Assignee: **Hand Held Products, Inc.**, Charlotte, NC (US)

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

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(22) Filed: **Mar. 8, 2000**

Related U.S. Application Data

(63) Continuation of application No. 29/098,187, filed on Dec. 22, 1998, now Pat. No. Des. 439,898, which is a continuation of application No. 29/084,781, filed on Mar. 10, 1998, which is a continuation-in-part of application No. 29/079,167, filed on Oct. 27, 1997, now Pat. No. Des. 400,872, which is a continuation of application No. 29/060,284, filed on Sep. 6, 1996, now Pat. No. Des. 392,282, which is a continuation-in-part of application No. 29/051,739, filed on Mar. 18, 1996, now abandoned.

(51) **LOC (7) Cl.** **14-02**

(52) **U.S. Cl.** **D14/347**

(58) **Field of Search** D14/339, 341, D14/346, 347, 218, 428, 426, 427; D18/1, 2, 7; 235/14 A, 145 R; 341/22, 23; 345/156, 168, 169; 364/708.1

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,020,527 A 5/1977 O'Neill
D248,946 S 8/1978 Koenig
D258,956 S 4/1981 Chadima, Jr.

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

EP 0354814 2/1990
EP 0531645 3/1993
EP 0565290 10/1993
FR 2561949 10/1985

GB 2244546 A 12/1991
JP 11373/89 5/1989
WO 90/08392 A1 7/1990
WO 90/16033 A2 12/1990
WO 94/12999 A1 6/1994

OTHER PUBLICATIONS

Innovation Winter 1996; Cover, pp. 2-5, p. 163 (Symbol PDT 4000); vol. 15, No. 4; IDEA96 Yearbook; Industrial Designers Society of America Publications; Virginia, USA. Telxon Puts New Spin on Handheld Computers, *Technology Update*, Mar. 12, 1996.

"Welcome to Symbol Technologies, Inc.", Mar. 12, 1996. "Hand-Held Laser Scanner", Symbol Technologies, Inc. Brochure, at least prior to Mar. of 1998. Hand Held Products Brochure, 1994, Hand Held Products, Inc.

Prior art commercial products; publicly made available at least as early as Sep. 1995.

Prior art commercial products; publicly made available at least as early as Oct. 1995.

International Design Magazine, "Cyclone Omni Directional Scanner", 1997, p. 186.

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(57) **CLAIM**

The ornamental design for a contoured housing, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a contoured housing showing our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a left side elevational view thereof, the right side being a mirror image thereof;

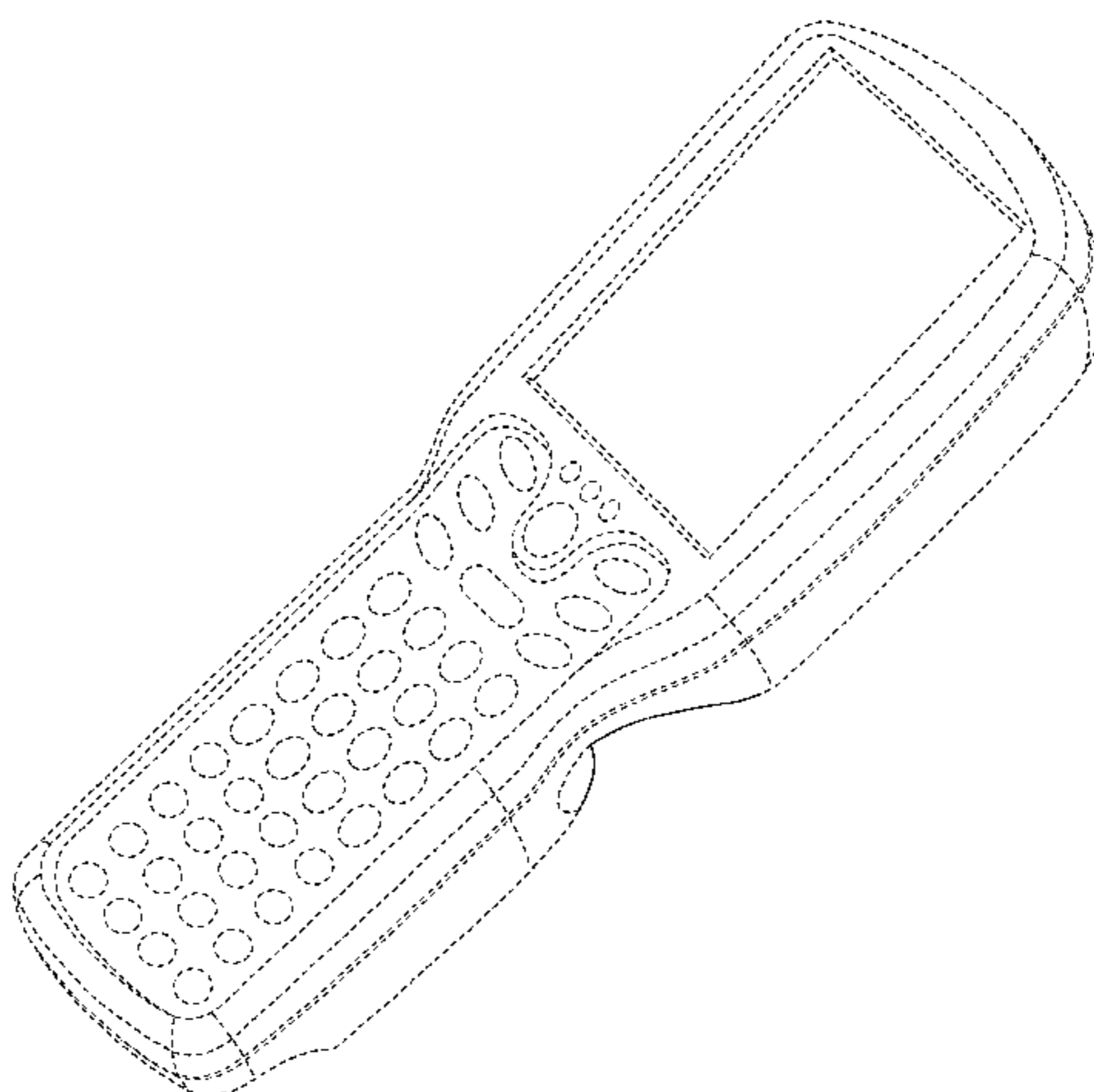
FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof; and,

FIG. 6 is a bottom plan view thereof.

The dotted lines shown herein are for illustrative purposes only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



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U.S. PATENT DOCUMENTS

4,335,303 A	6/1982	Call	5,288,985 A	2/1994	Chadima, Jr. et al.
D274,249 S	6/1984	Polhemus	5,291,009 A	3/1994	Roustaei
4,570,057 A	2/1986	Chadima, Jr. et al.	D352,704 S	11/1994	Etoh
4,694,182 A	9/1987	Howard	D352,935 S	11/1994	Etoh
D293,795 S	1/1988	Yamamoto	D353,134 S	12/1994	Etoh
D297,430 S	8/1988	Beard et al.	D355,904 S	2/1995	Swartz et al.
D297,431 S	8/1988	Beard et al.	5,410,141 A	4/1995	Koenck et al.
D297,432 S	8/1988	Stant et al.	D359,040 S	6/1995	Nakamura et al.
4,801,786 A	1/1989	Stobbe	5,424,525 A	6/1995	Rockstein et al.
4,818,847 A	4/1989	Hara et al.	5,430,284 A	7/1995	Numazaki
4,818,856 A	4/1989	Matsushima et al.	5,432,510 A	7/1995	Matthews
4,841,129 A	6/1989	Tawara et al.	D363,287 S	10/1995	Laituri
D302,265 S	7/1989	Siegner et al.	5,477,042 A	12/1995	Wang
D308,865 S	6/1990	Weaver et al.	5,479,001 A	12/1995	Kumar
4,930,848 A	6/1990	Knowles	D366,043 S	1/1996	Hara et al.
D312,622 S	12/1990	Alden et al.	D366,044 S	1/1996	Hara et al.
D315,901 S	4/1991	Knowles	5,481,265 A	1/1996	Russell
5,046,739 A	9/1991	Reichow	D366,876 S	2/1996	Labohm
5,081,343 A	1/1992	Chadima, Jr. et al.	D367,060 S	2/1996	Augaitis et al.
D331,576 S	12/1992	Yamanaka	5,489,770 A	2/1996	Kadota et al.
5,187,354 A	2/1993	Bengtsson	D372,245 S	7/1996	Brooks
5,202,817 A	4/1993	Koenck et al.	D372,246 S	7/1996	Renk et al.
5,237,162 A	8/1993	Harden et al.	5,616,906 A	4/1997	Kumar
D340,034 S	10/1993	Hofstetter et al.	5,668,574 A	9/1997	Jarlance-Huang
D340,707 S	10/1993	Swarz	D386,152 S	11/1997	Warneke
D341,584 S	11/1993	Shepard et al.	D391,234 S	2/1998	Chacon et al.
D341,838 S	11/1993	Kasch et al.	D392,282 S	3/1998	Ahearn et al.
5,264,956 A	11/1993	Tzu-Chin	5,801,918 A	9/1998	Ahearn et al.
D342,256 S	12/1993	Payne et al.	D400,872 S	11/1998	Ahearn et al.
5,281,801 A	1/1994	Shepard et al.	D414,760 S	* 10/1999	Hetfield et al. D14/426
5,288,984 A	2/1994	Ito et al.	D439,898 S	* 4/2001	Ober et al. D14/347

* cited by examiner

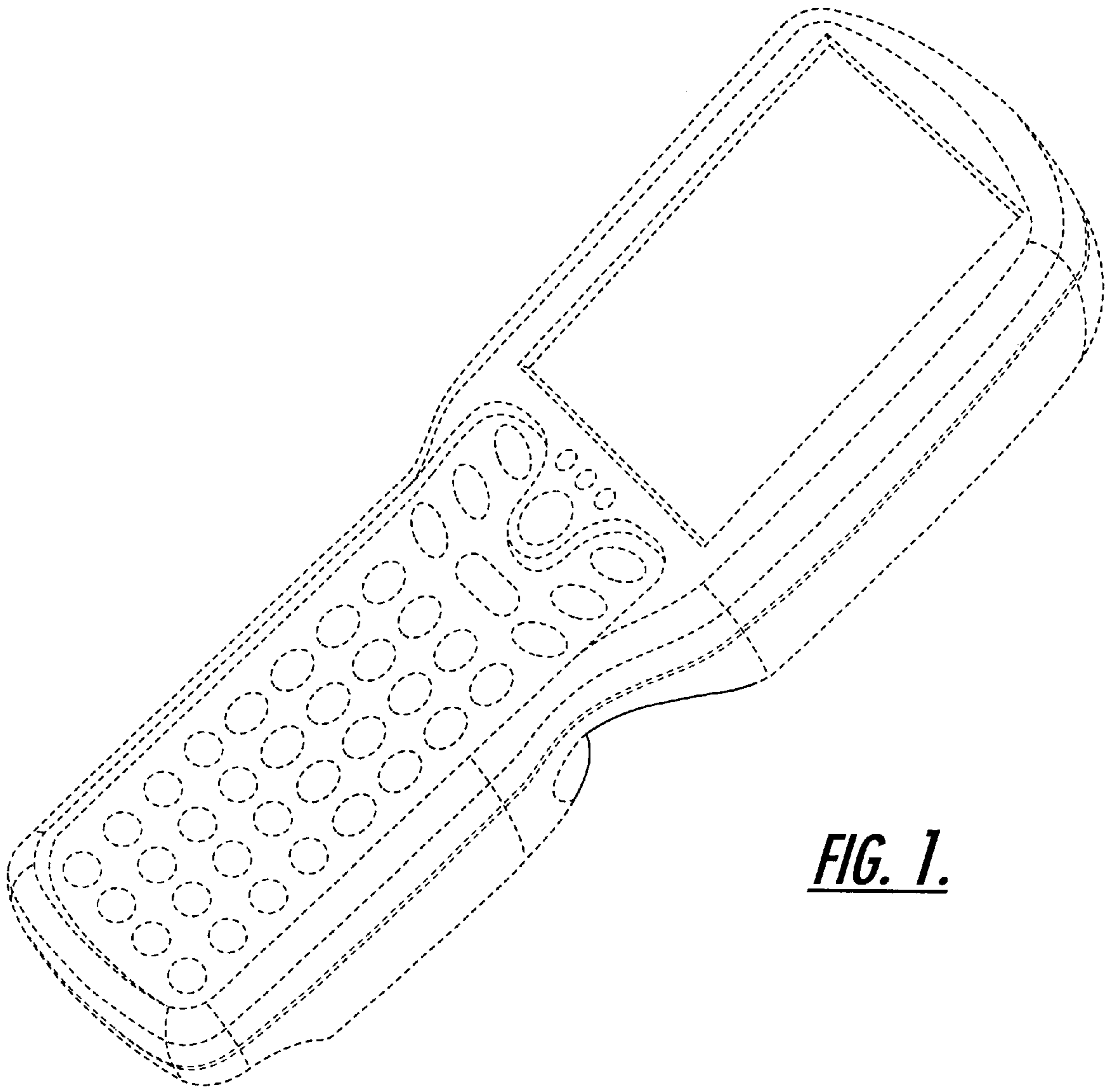


FIG. 1.

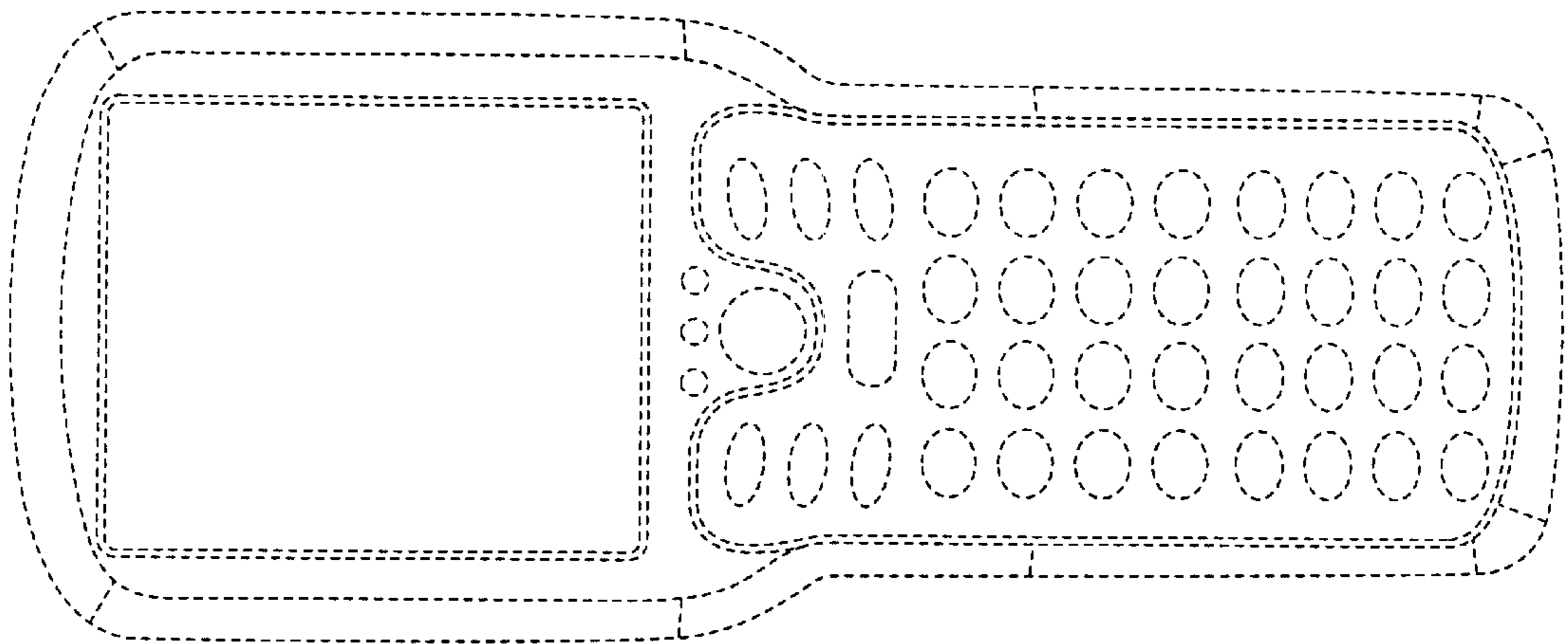


FIG. 2.

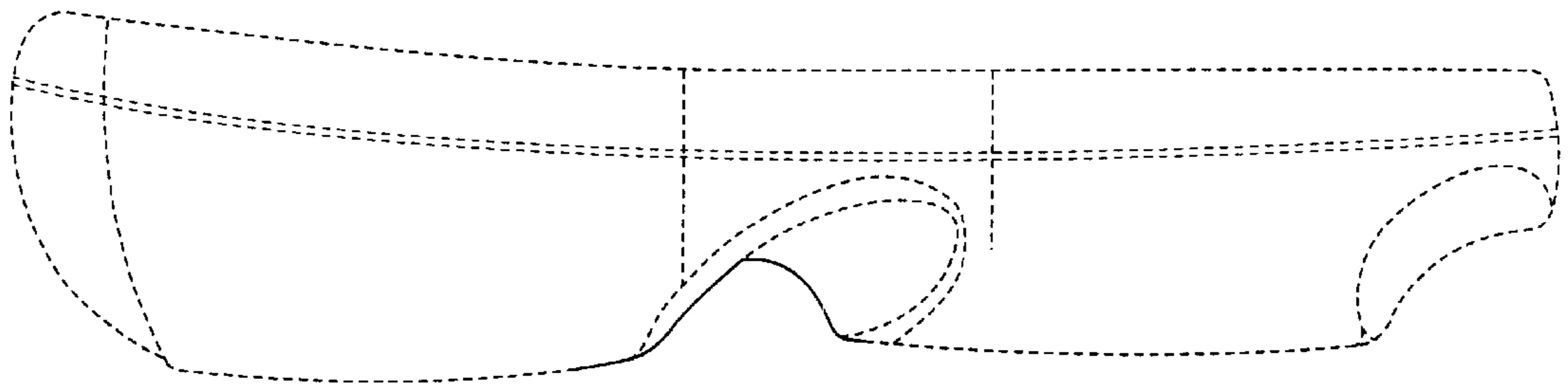


FIG. 3.

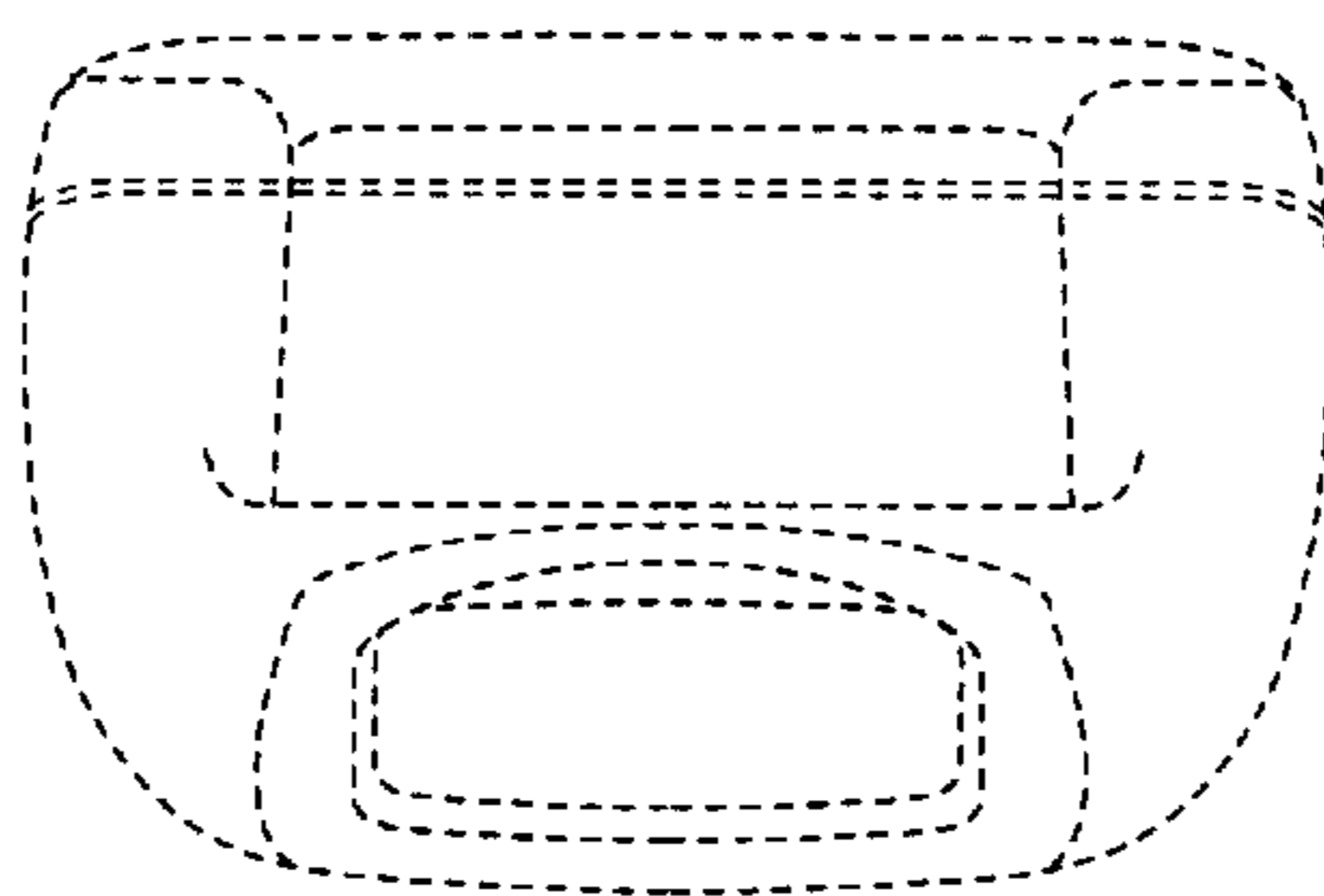


FIG. 4.

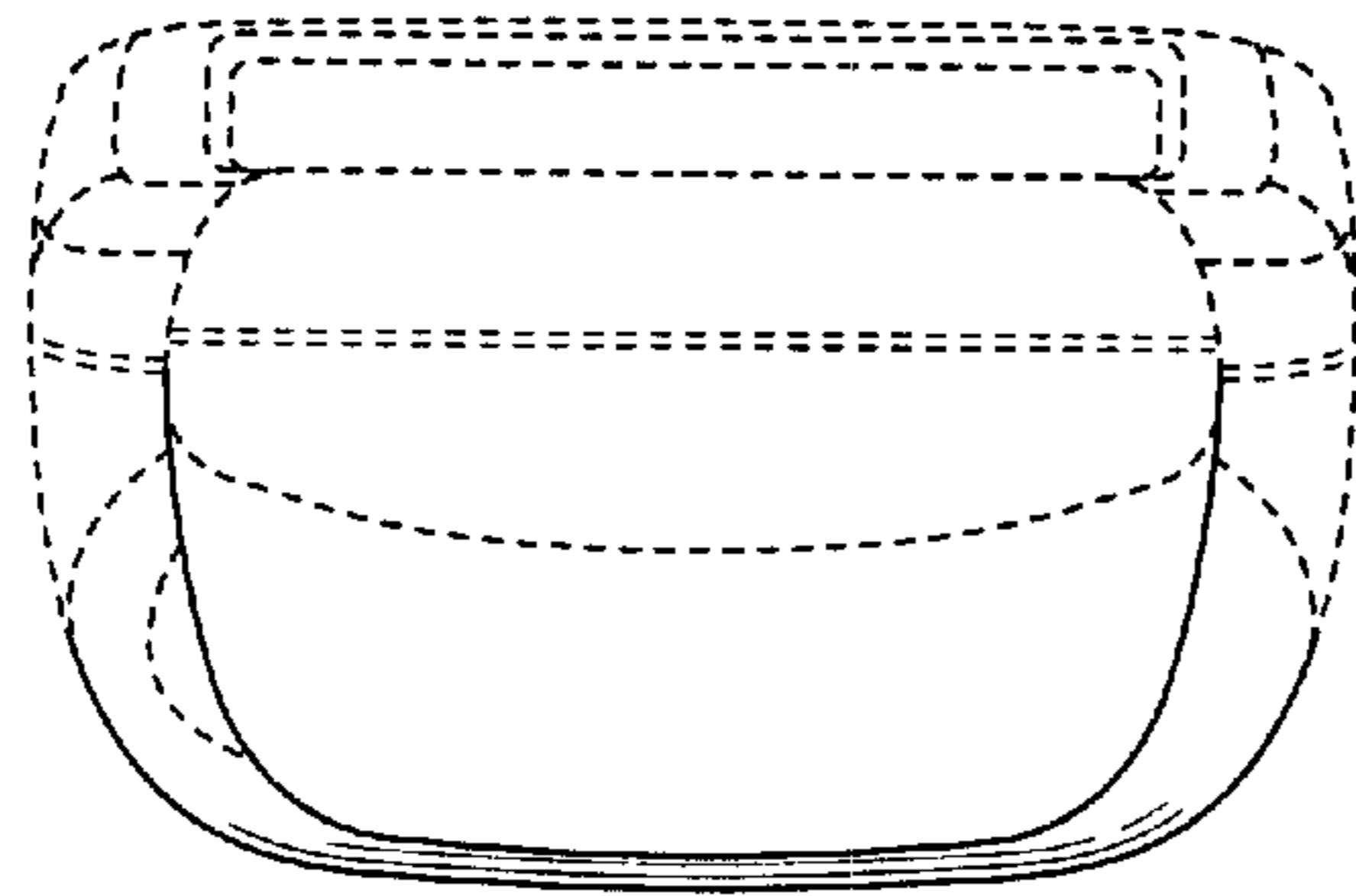


FIG. 5.

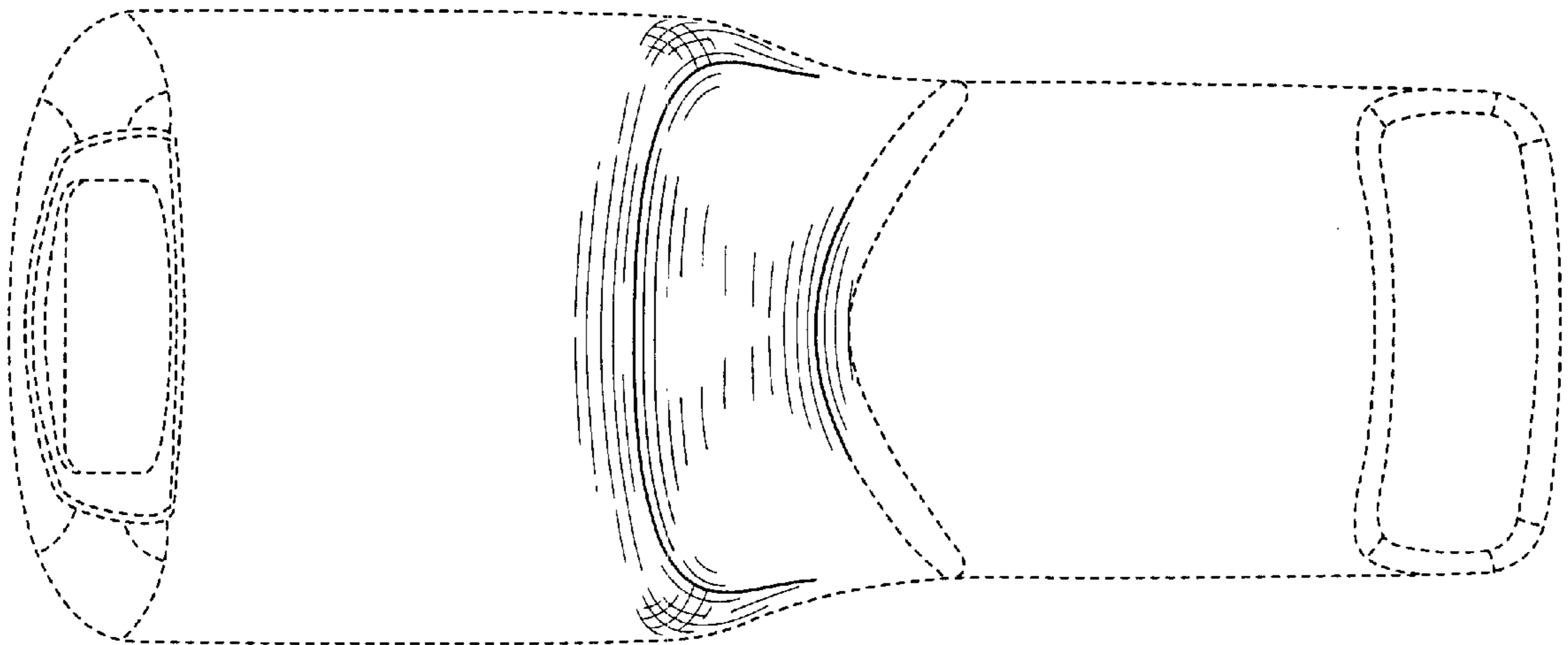


FIG. 6.