



US00D977416S

(12) **United States Design Patent** (10) **Patent No.:** **US D977,416 S**
Sung (45) **Date of Patent:** **** Feb. 7, 2023**

(54) **BATTERY**
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(73) Assignee: **Accutronics, LTD**
(**) Term: **15 Years**

D695,217 S * 12/2013 Dasbach D13/110
D695,218 S * 12/2013 Dasbach D13/110
D720,693 S * 1/2015 Dasbach D13/110
D721,035 S * 1/2015 Dasbach D13/110
D757,646 S * 5/2016 Pearson D13/103
(Continued)

FOREIGN PATENT DOCUMENTS

CN 303563264 1/2016
CN 303805088 8/2016
(Continued)

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(51) **LOC (14) Cl.** **13-02**
(52) **U.S. Cl.**
USPC **D13/103**
(58) **Field of Classification Search**
USPC D13/102, 103, 108, 110, 118-121, 184,
D13/199, 106
CPC H01M 50/107; H01M 50/213; H01M
50/103; H01M 50/204; H01M 50/10;
H01M 50/557; H01M 50/209; H01M
50/502

OTHER PUBLICATIONS

Taiwan Search Report dated Oct. 21, 2021.
(Continued)

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(57) **CLAIM**

The ornamental design for a battery, as shown and described.

DESCRIPTION

This application is related to U.S. Design patent application for Battery And Docking Cradle, Ser. No. 29/726,755 by G. Sung, filed on even date herewith; and U.S. Design patent application for Docking Cradle, Ser. No. 29/726,758 by G. Sung, filed on even date herewith.

FIG. 1 is a perspective view of the top, front and left sides of a battery;

FIG. 2 is a front side elevation view of the battery;

FIG. 3 is a right side elevation view of the battery;

FIG. 4 is a rear side elevation view of the battery;

FIG. 5 is a left side elevation view of the battery;

FIG. 6 is a top plan view of the battery; and,

FIG. 7 is a bottom plan view of the battery.

The broken-lines in the drawings illustrate portions of the battery that form no part of the claimed design.

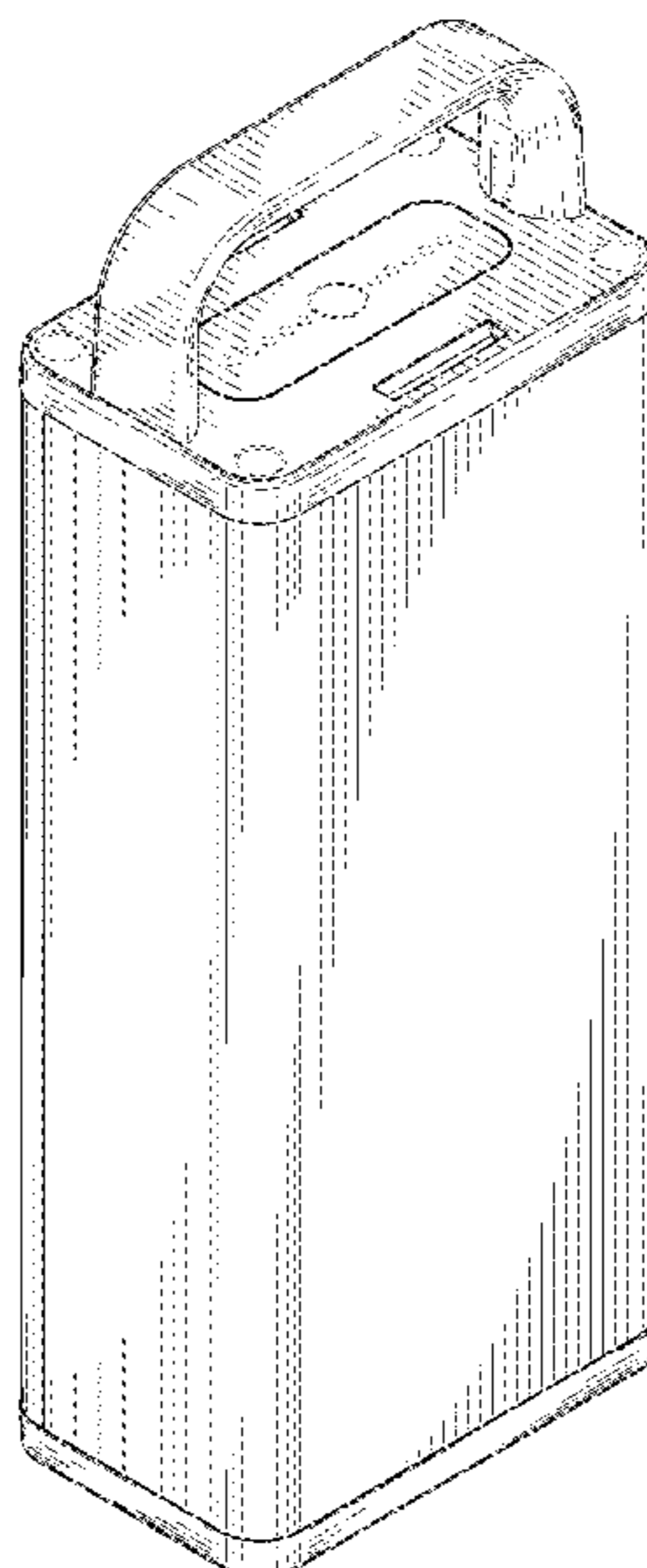
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,849,682 A 7/1989 Bauer et al.
5,413,499 A * 5/1995 Wright, Jr. H01M 50/588
439/500
D403,661 S * 1/1999 Mariani D13/106
D435,827 S * 1/2001 Rausch D13/103
D511,742 S * 11/2005 Niitsuma D13/106
D521,445 S * 5/2006 Liu D13/103
D521,446 S * 5/2006 Liu D13/103
D579,870 S * 11/2008 Dunbar D13/116
D603,331 S * 11/2009 Schupp D13/103
7,782,607 B2 8/2010 Harbin et al.
D644,172 S * 8/2011 Kohlrausch D13/110
8,398,408 B1 3/2013 Hansen et al.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D762,165 S *	7/2016	Rowe	D13/103
D772,806 S *	11/2016	Ritterling	B25F 5/02 D13/103
D784,260 S *	4/2017	Rowe	D13/119
9,711,765 B1	7/2017	Ladd et al.	
9,806,300 B2	10/2017	Ladd et al.	
D820,197 S *	6/2018	Luke	D13/103
D854,496 S *	7/2019	Yin	D13/103
D880,422 S *	4/2020	Frigo	D13/119
D882,510 S *	4/2020	Theis	D13/103
D890,089 S *	7/2020	Yin	D13/103
D899,362 S *	10/2020	LaFave	D13/110
D900,022 S *	10/2020	Bell	D13/103
D918,131 S *	5/2021	Suzuki	D13/103
D934,163 S *	10/2021	Zanzotti	D13/103
D942,928 S *	2/2022	Yi	D13/103
D942,929 S *	2/2022	Yi	D13/103
2007/0228680 A1	10/2007	Reppert et al.	
2008/0110460 A1	5/2008	Elaz et al.	
2010/0156184 A1	6/2010	Ludtke	
2010/0264738 A1	10/2010	Murtha et al.	
2011/0006724 A1	1/2011	Reckelhoff	
2013/0307550 A1	11/2013	Densham et al.	
2022/0102807 A1 *	3/2022	Toya	H01M 50/213

FOREIGN PATENT DOCUMENTS

EM	0045573610003	12/2017
JP	1201349	2/2004
JP	1379761	1/2010
JP	1586375	8/2017
JP	D1614414	8/2018
KR	30443761	3/2007
WO	WO2013163647	10/2013

OTHER PUBLICATIONS

Translation of Taiwan Search Report dated Oct. 21, 2021.

Translation of Japanese D1614414 dated Sep. 25, 2018.

Japanese Search Report for Japanese Design Application 202-018531 (Dec. 15, 2020) dated Dec. 15, 2020.

Japanese Search Report for Japanese Design Application 202-018532 (Dec. 15, 2020) dated Dec. 15, 2020.

Japanese Search Report for Japanese Design Application 202-018533 (Dec. 15, 2020) dated Dec. 15, 2020.

International Search Report for PCT/US2013/038640 dated Aug. 23, 2013.

* cited by examiner

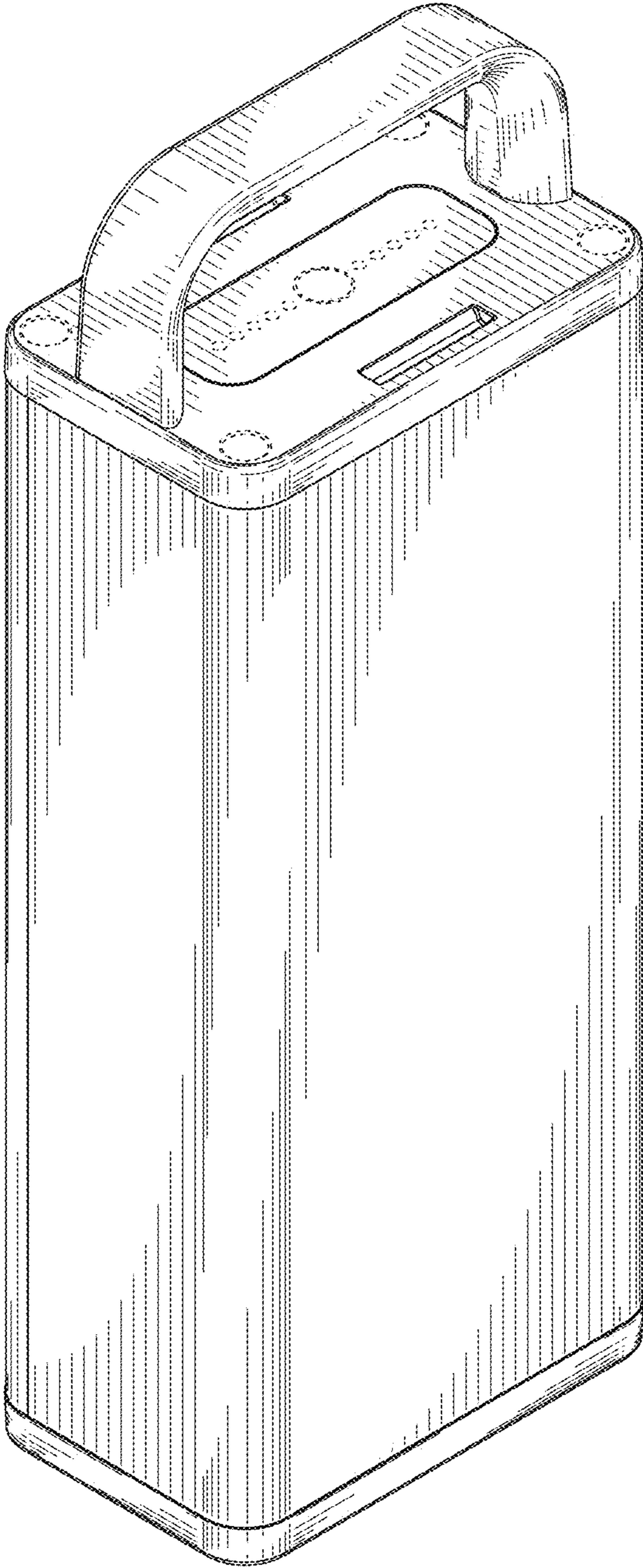


FIG. 1

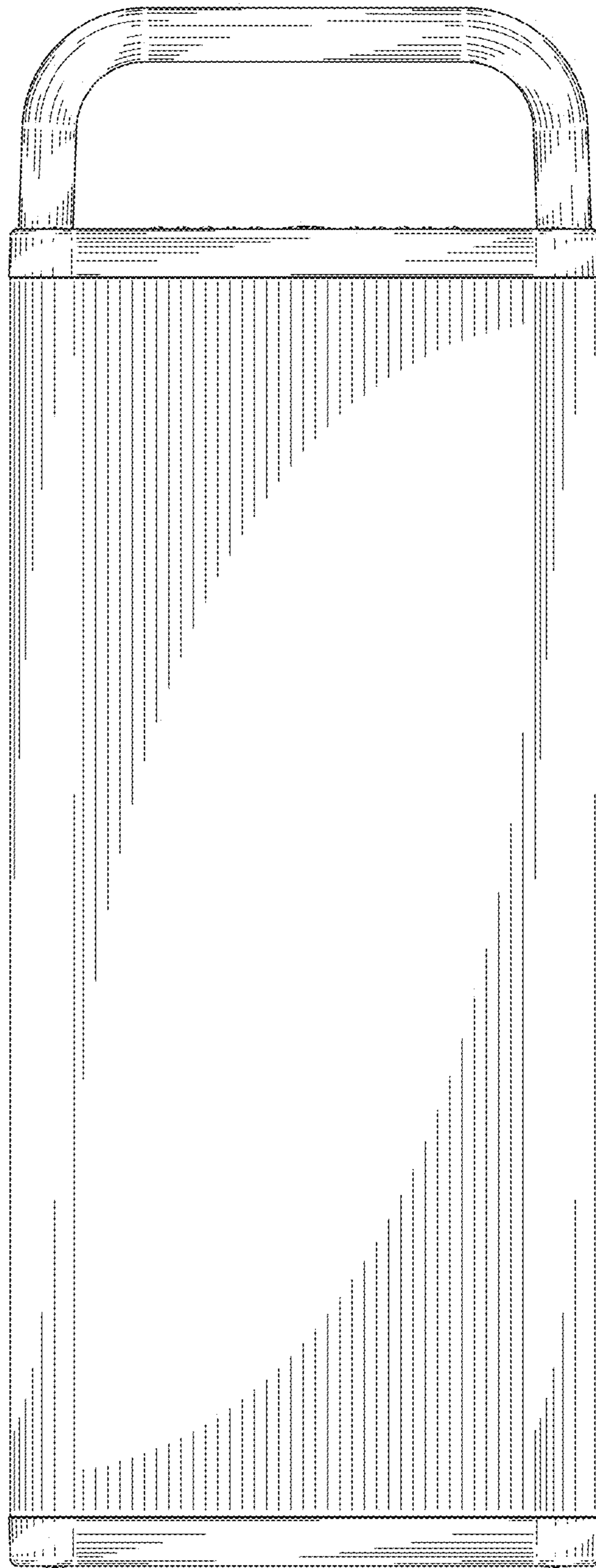


FIG. 2

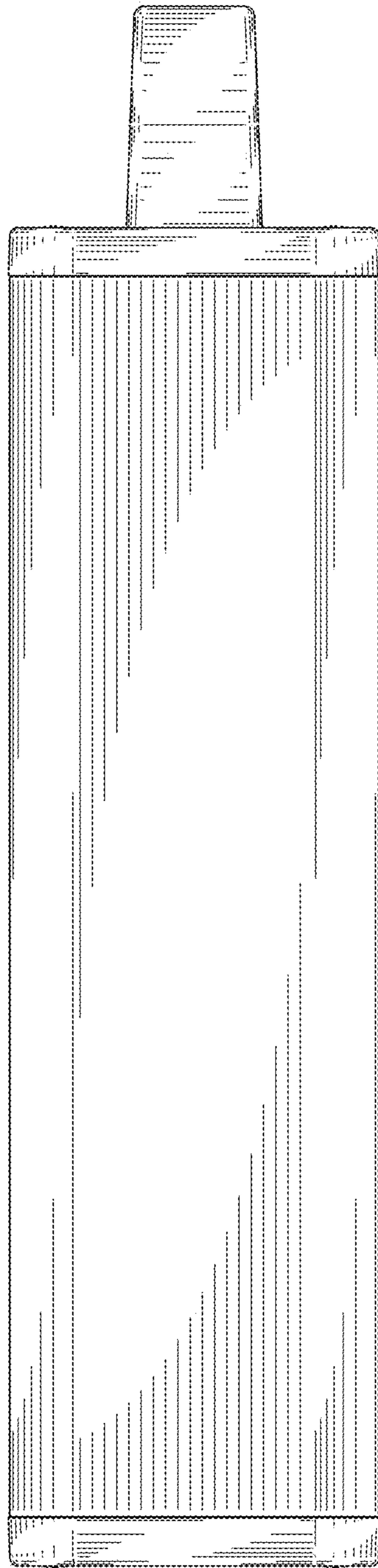


FIG. 3

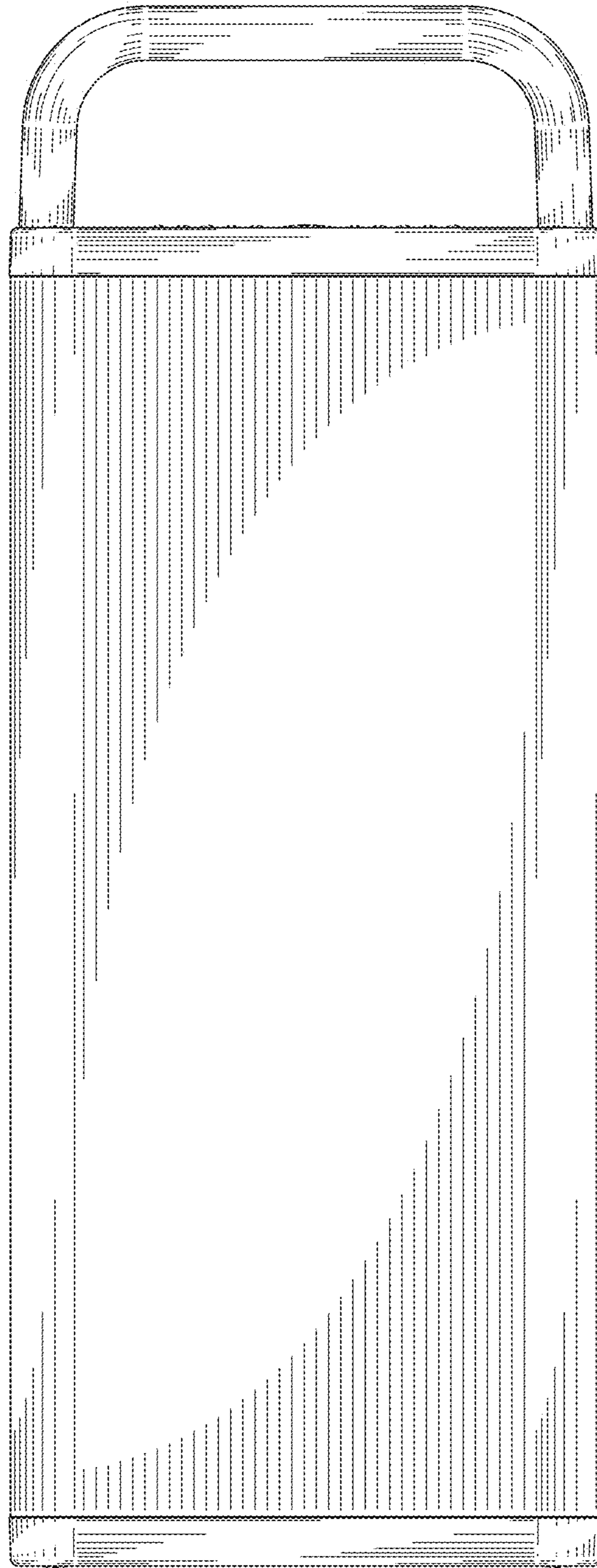


FIG. 4

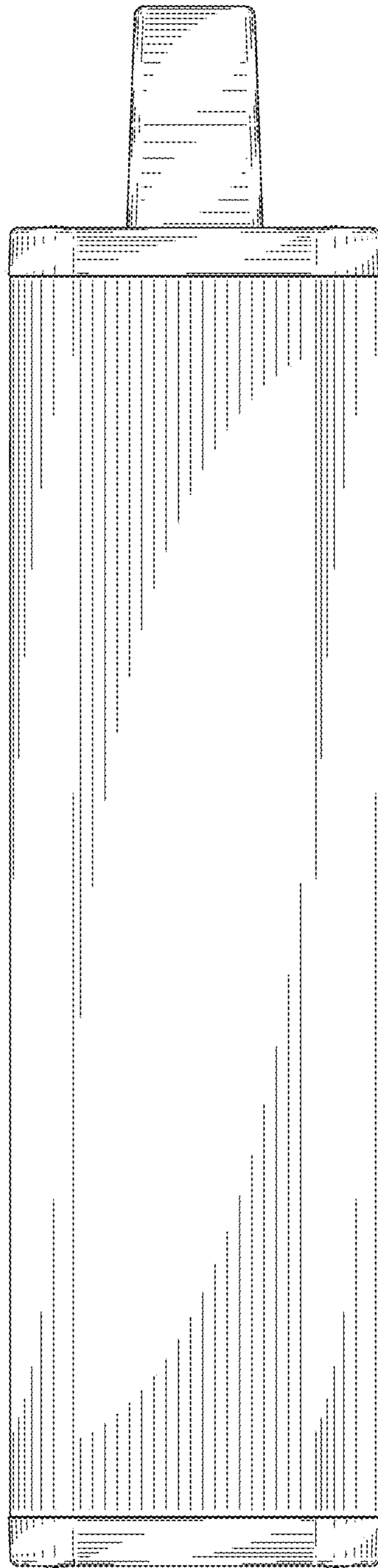


FIG. 5

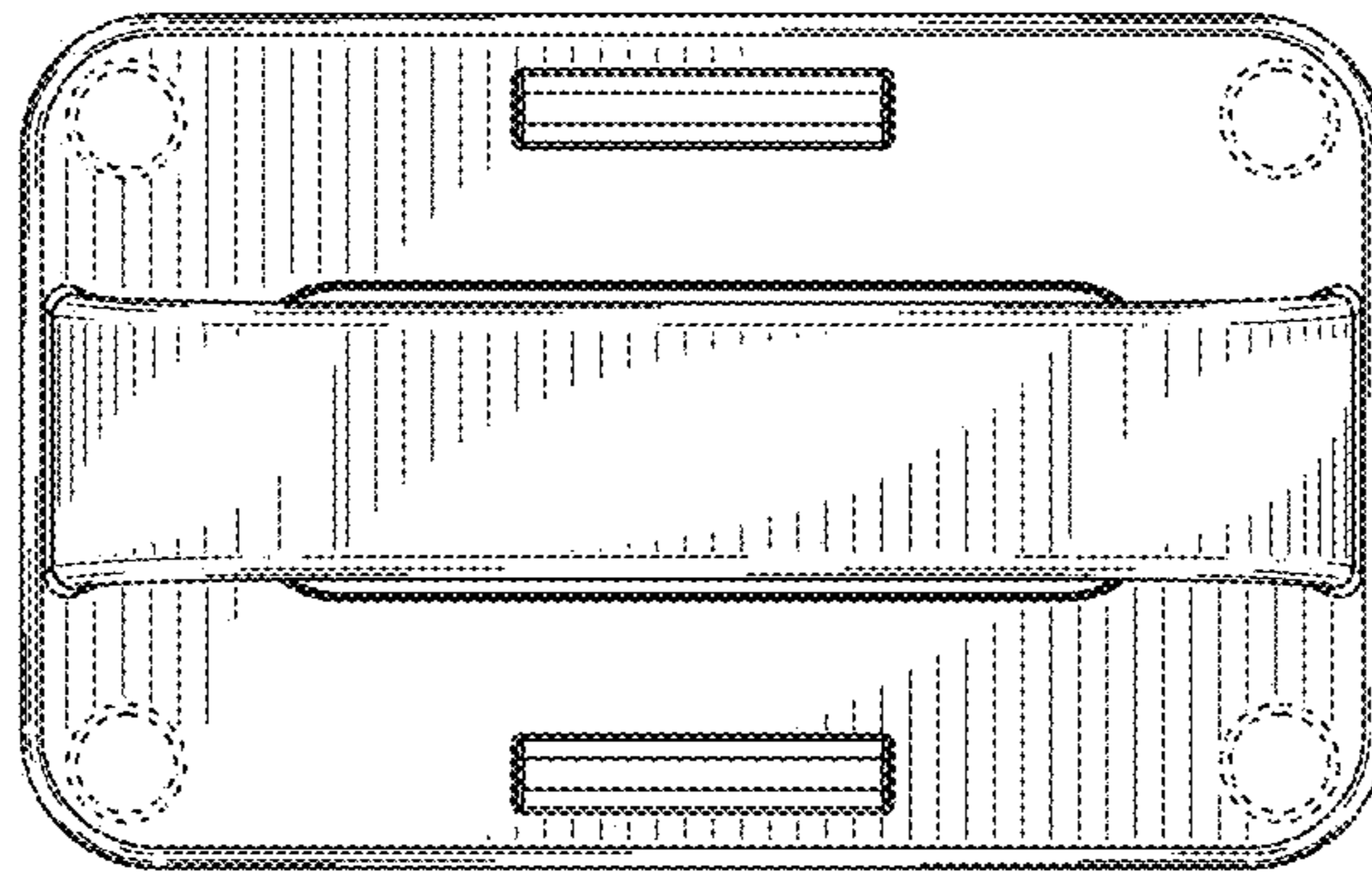


FIG. 6

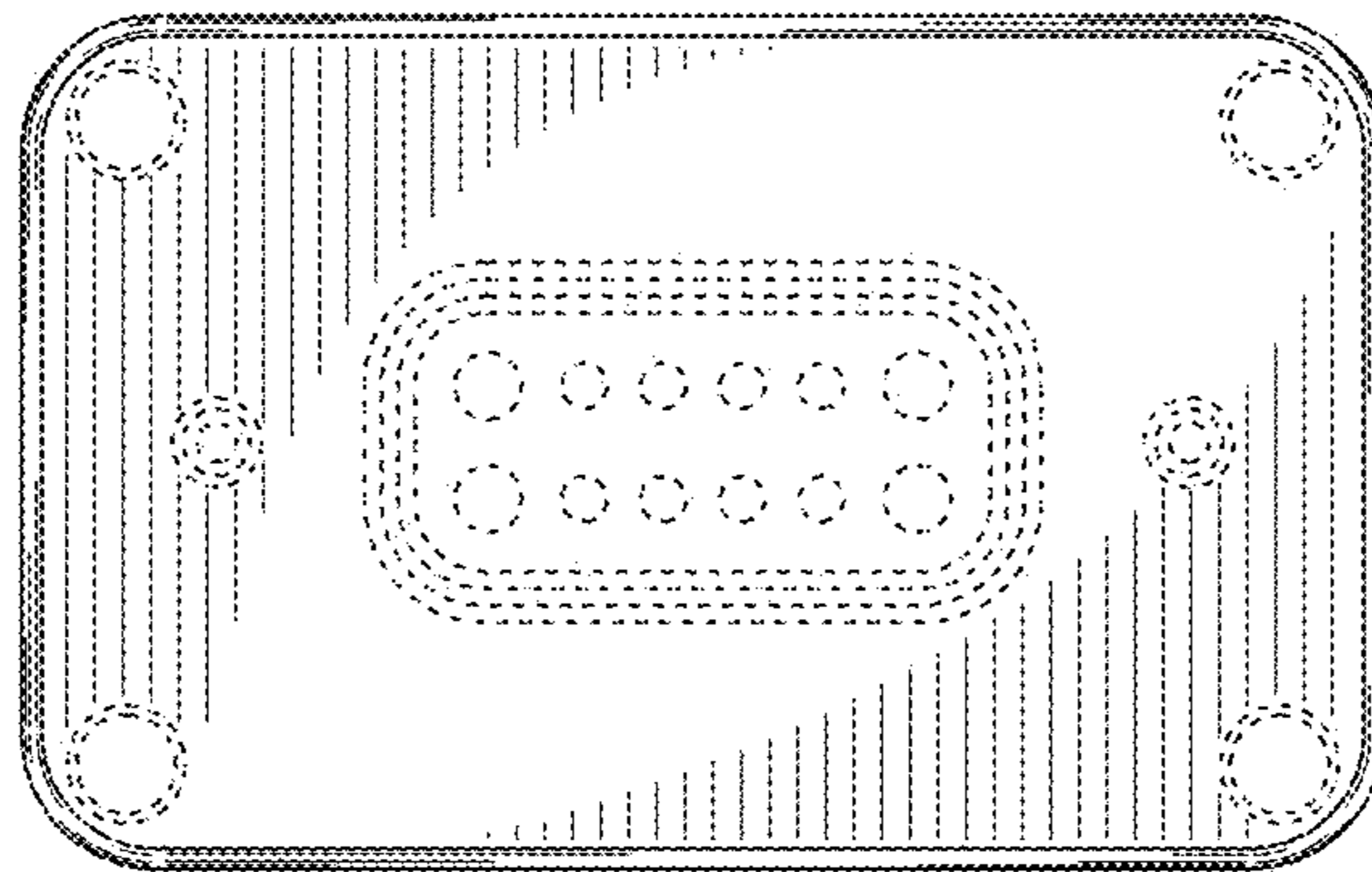


FIG. 7