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(12) **United States Design Patent** (10) **Patent No.:** **US D781,236 S**
Esses (45) **Date of Patent:** **** Mar. 14, 2017**

(54) **CHARGING DEVICE** 6,612,875 B1 * 9/2003 Liao H01R 13/2421
439/638
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Edison, NJ (US) D526,962 S * 8/2006 Krieger D13/144
D528,077 S * 9/2006 Yuen D13/144
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D556,730 S 12/2007 Yokoyama
7,500,881 B1 * 3/2009 Lin H01R 31/02
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LLC, Edison, NJ (US) D589,889 S 4/2009 Wu et al.
(**) Term: **15 Years** (Continued)

FOREIGN PATENT DOCUMENTS

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AU 3025195 10/2015
CA 136508 3/2011

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Related U.S. Application Data

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(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/144**

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D14/251, 253, 432, 434, 155
CPC Y02E 60/12; Y02T 90/14; Y02T 90/122;
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H02J 7/0057; H01F 38/14; H01R
13/6675; H01R 13/70; H01R 13/71;
H01R 13/66; H01R 2201/26; H01M
2/1022; H01M 2/1055; H01M 10/44;
H01M 10/46; H01M 10/425; B60L
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D306,574 S 3/1990 Schultz
D469,400 S 1/2003 Shor et al.

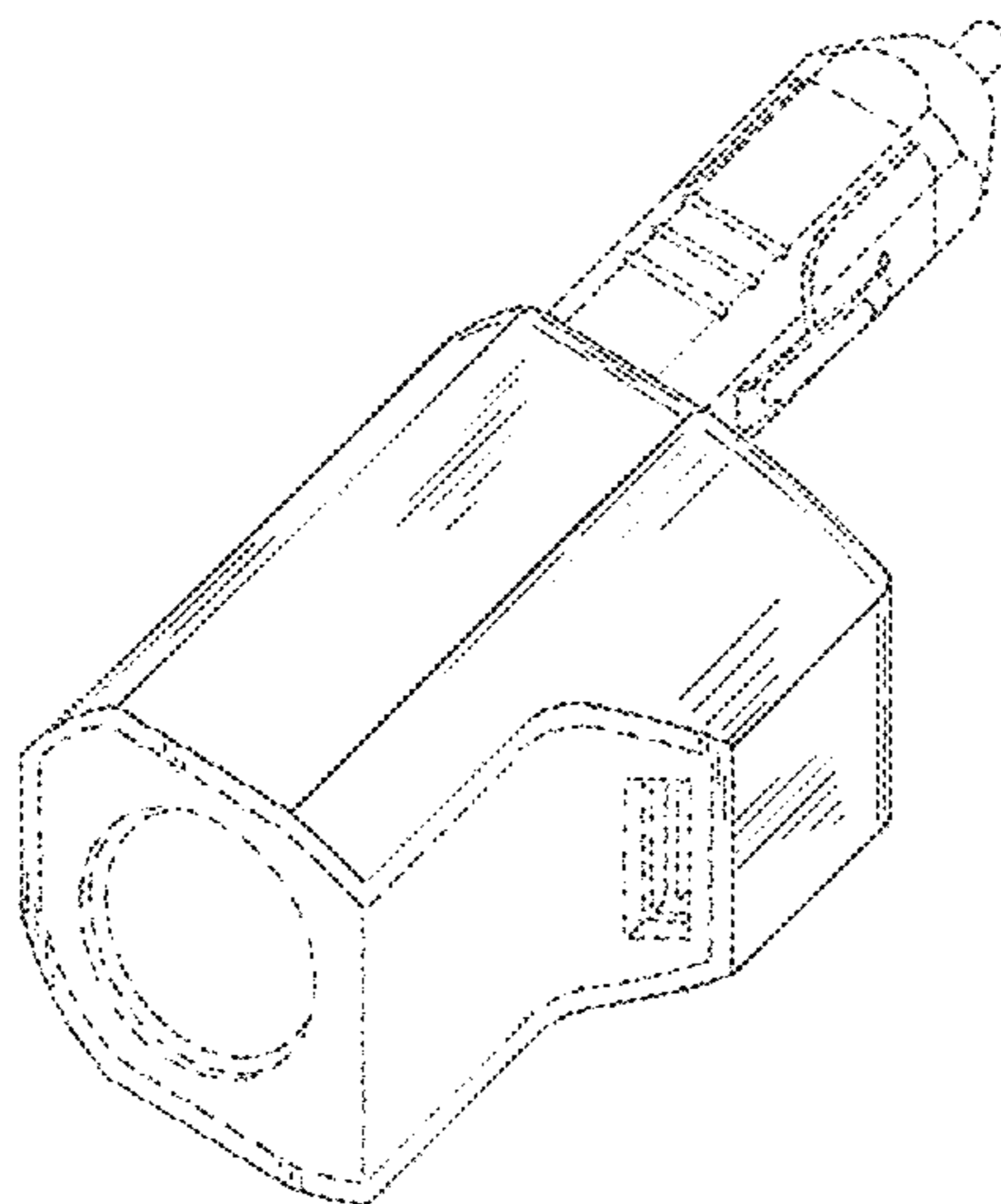
(57) **CLAIM**

The ornamental design for a charging device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a charging device showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a first side view thereof; and,
FIG. 7 is a second side view thereof.
The broken lines shown in the drawings are included for the purpose of illustrating portions of the article that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

7,544,101 B1 6/2009 Tseng
D595,684 S 7/2009 Ganley et al.
D608,284 S 1/2010 Lin
D609,183 S 2/2010 Stiff et al.
D610,094 S 2/2010 Ouimette et al.
D620,441 S * 7/2010 Hou D13/144
D627,720 S * 11/2010 DuMelle D13/110
D632,652 S 2/2011 Wikel et al.
D633,436 S * 3/2011 Griffin, Jr. D13/103
7,937,040 B2 5/2011 Dayan
D676,382 S 2/2013 McSweyn
D677,622 S 3/2013 Cole et al.
D678,206 S 3/2013 McSweyn
D700,573 S * 3/2014 Esses D13/108
D721,036 S 1/2015 Kreitzer
D721,038 S 1/2015 Chiu
D723,466 S 3/2015 Wang
D725,036 S * 3/2015 Alesi D13/110

D758,965 S * 6/2016 Jen D13/108
D769,184 S * 10/2016 Esses D13/107
2007/0155249 A1 7/2007 Cheng
2008/0032650 A1* 2/2008 Zhang H04M 1/6091
455/185.1
2009/0315513 A1 12/2009 Mkhitarian

FOREIGN PATENT DOCUMENTS

CA 148183 8/2013
EM 001228381-0011 9/2010
EM 002466201-0002 5/2014
EM 002620419-0001 3/2015
EM 002749424-0004 9/2015
FR 20115286 5/2012
FR 20125775 5/2013
GB 3025195 11/2006
HK 1202267.1 1/2013
TW D154625 7/2013
TW D154626 7/2013

* cited by examiner

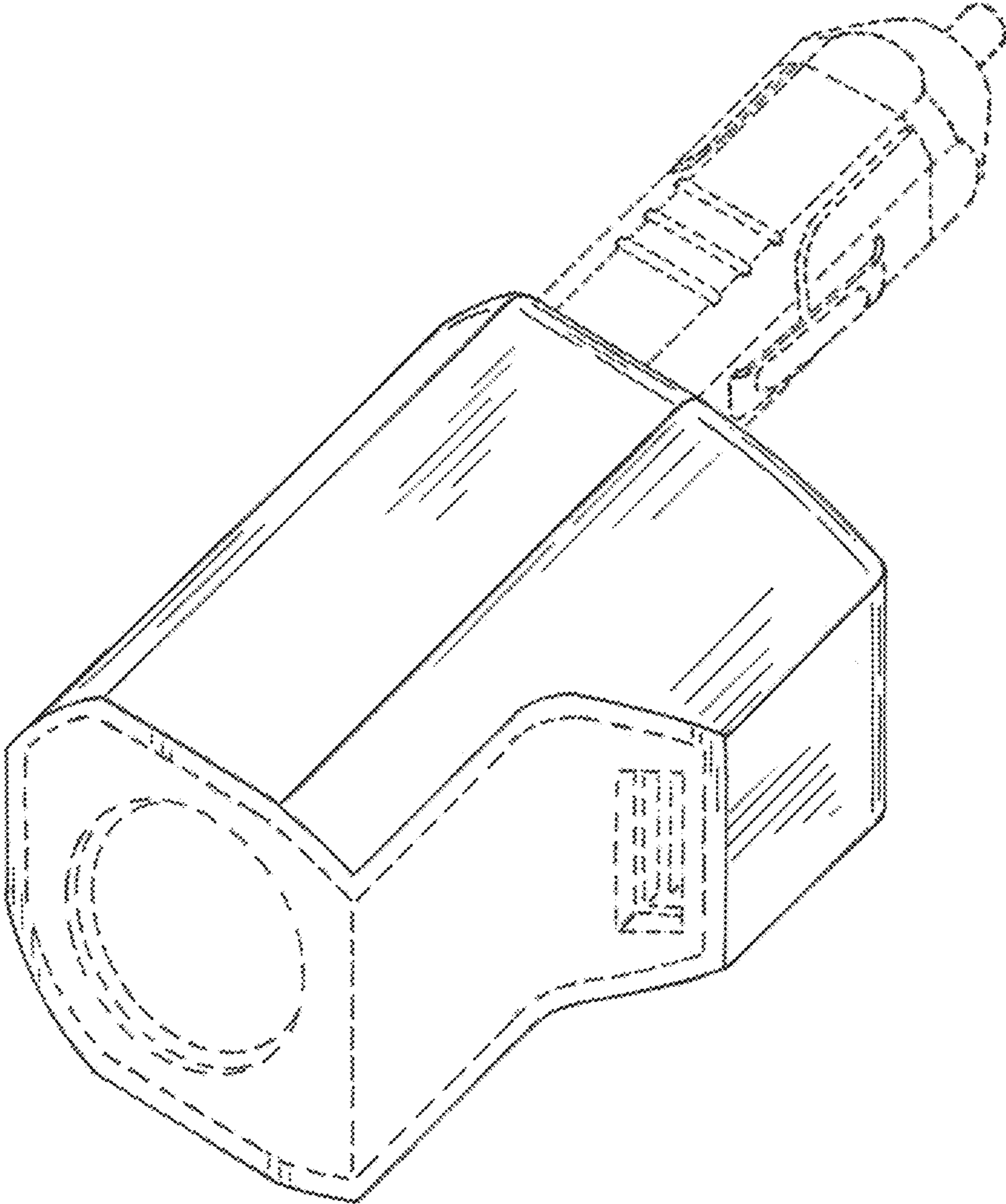


FIG. 1

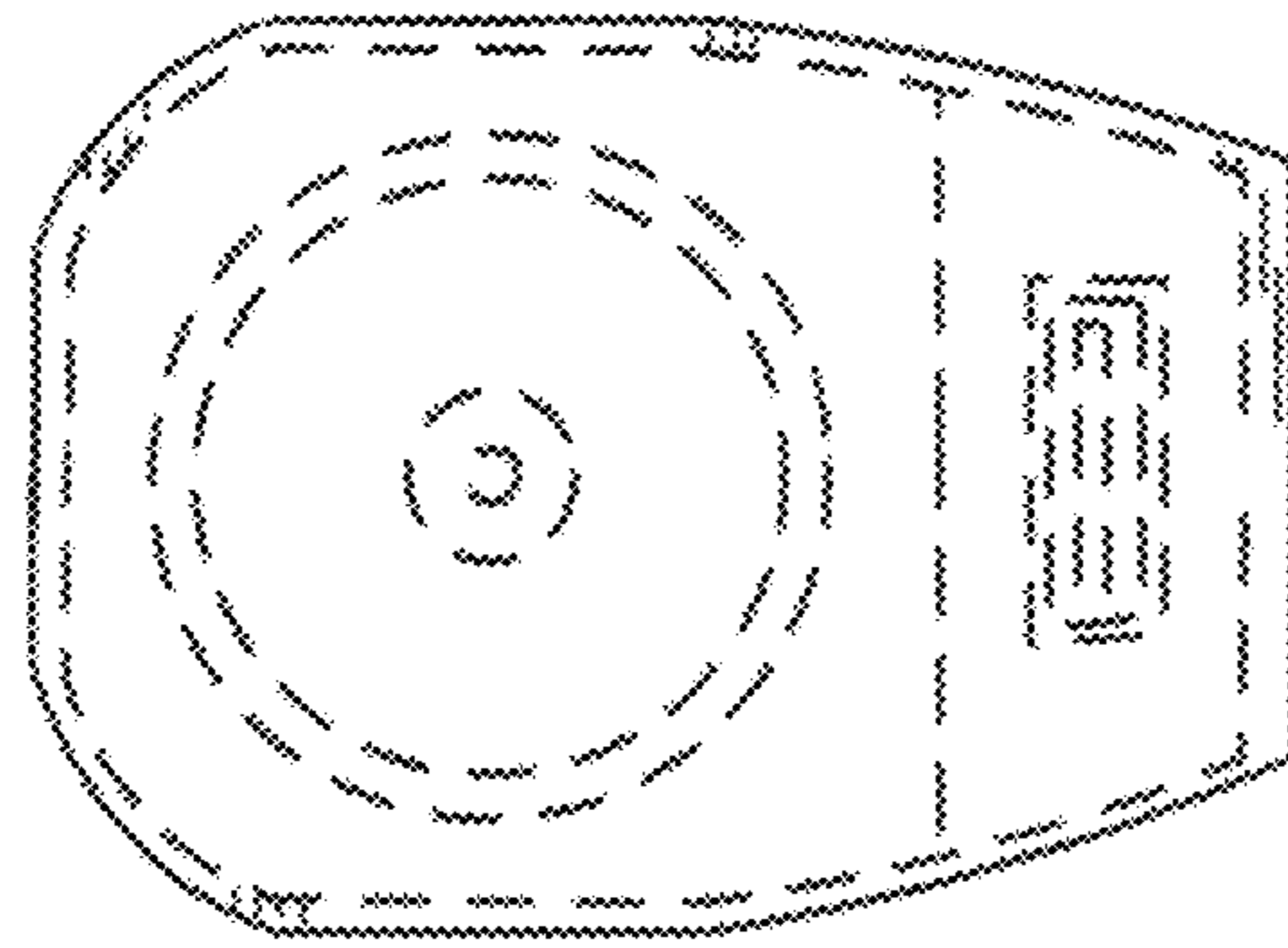


FIG. 2

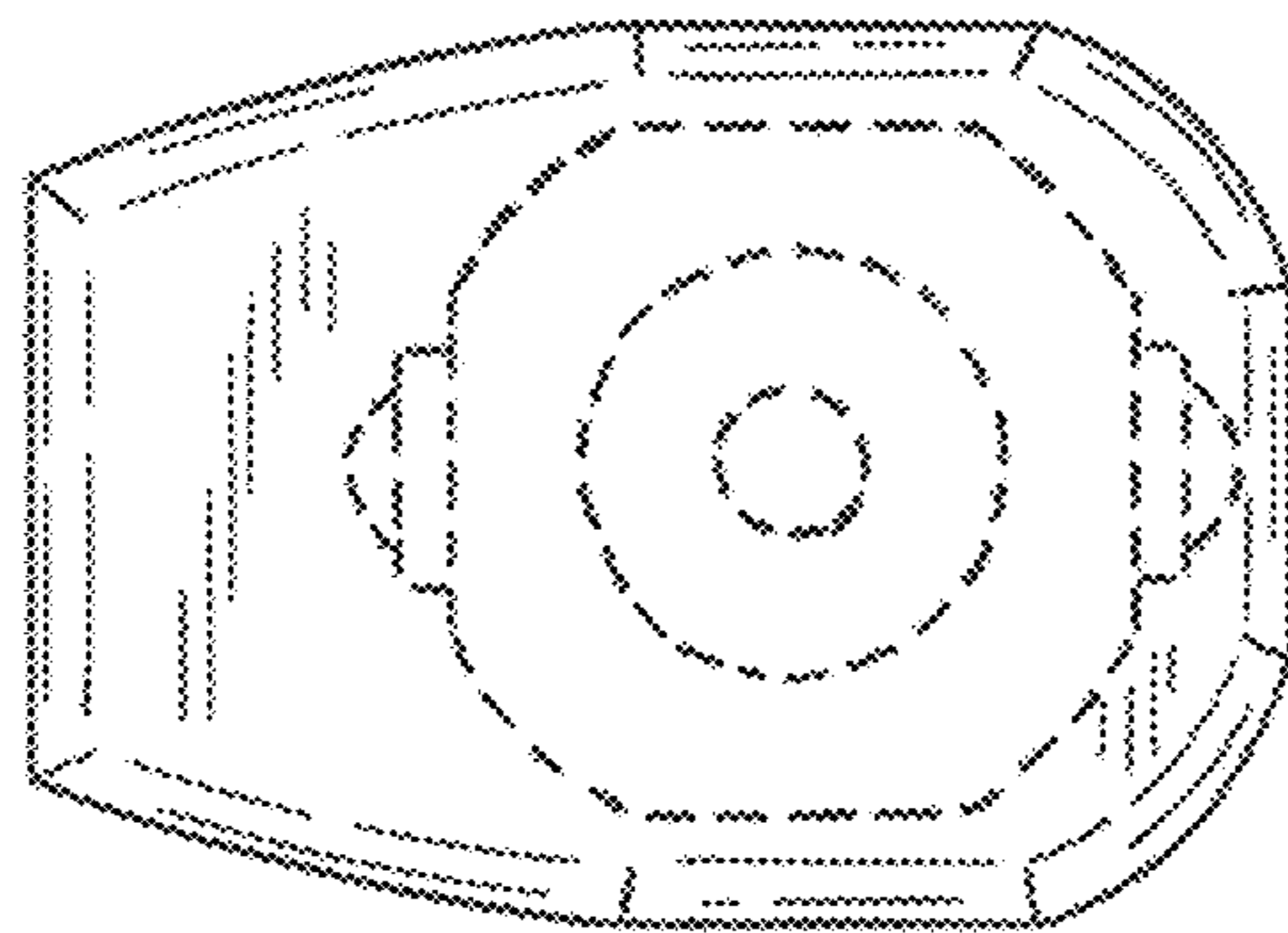


FIG. 3

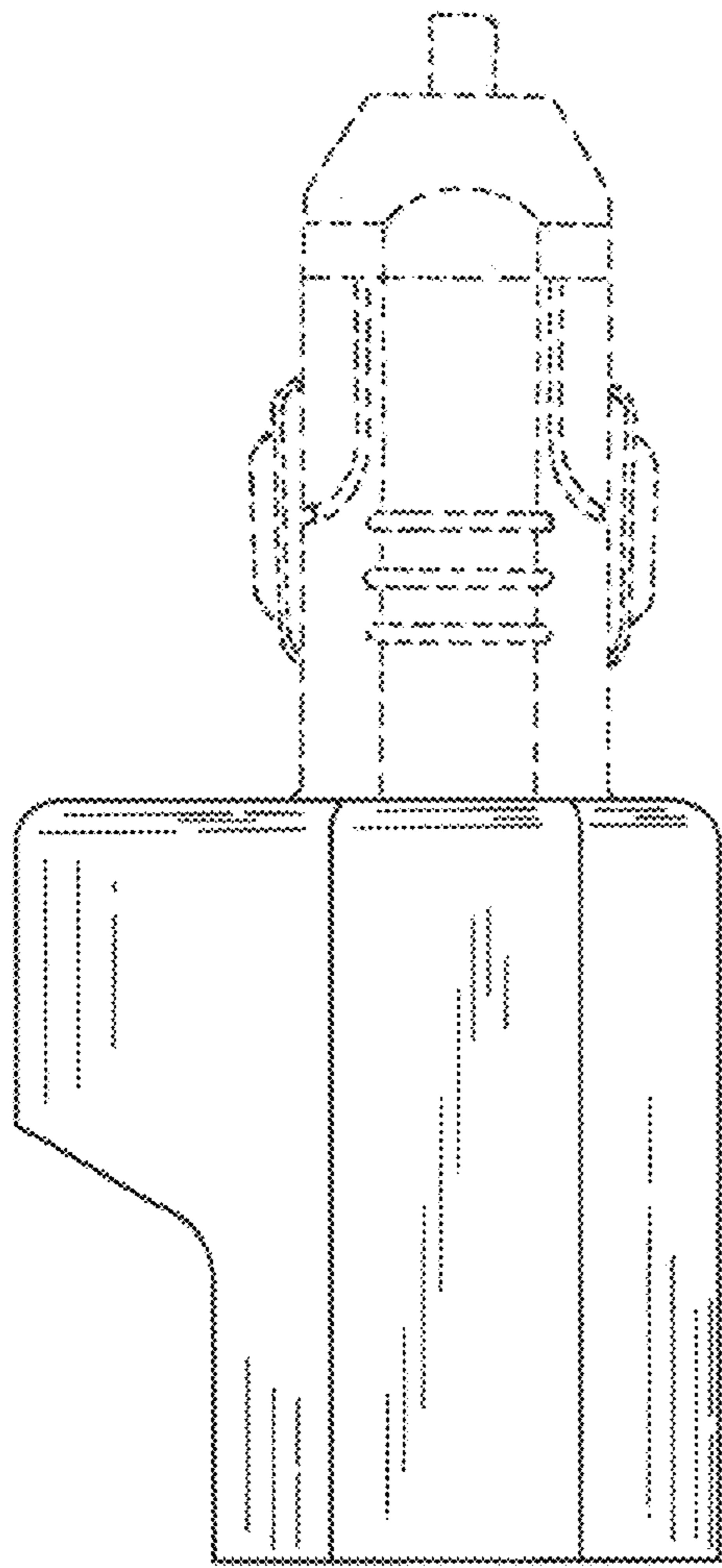


FIG. 4

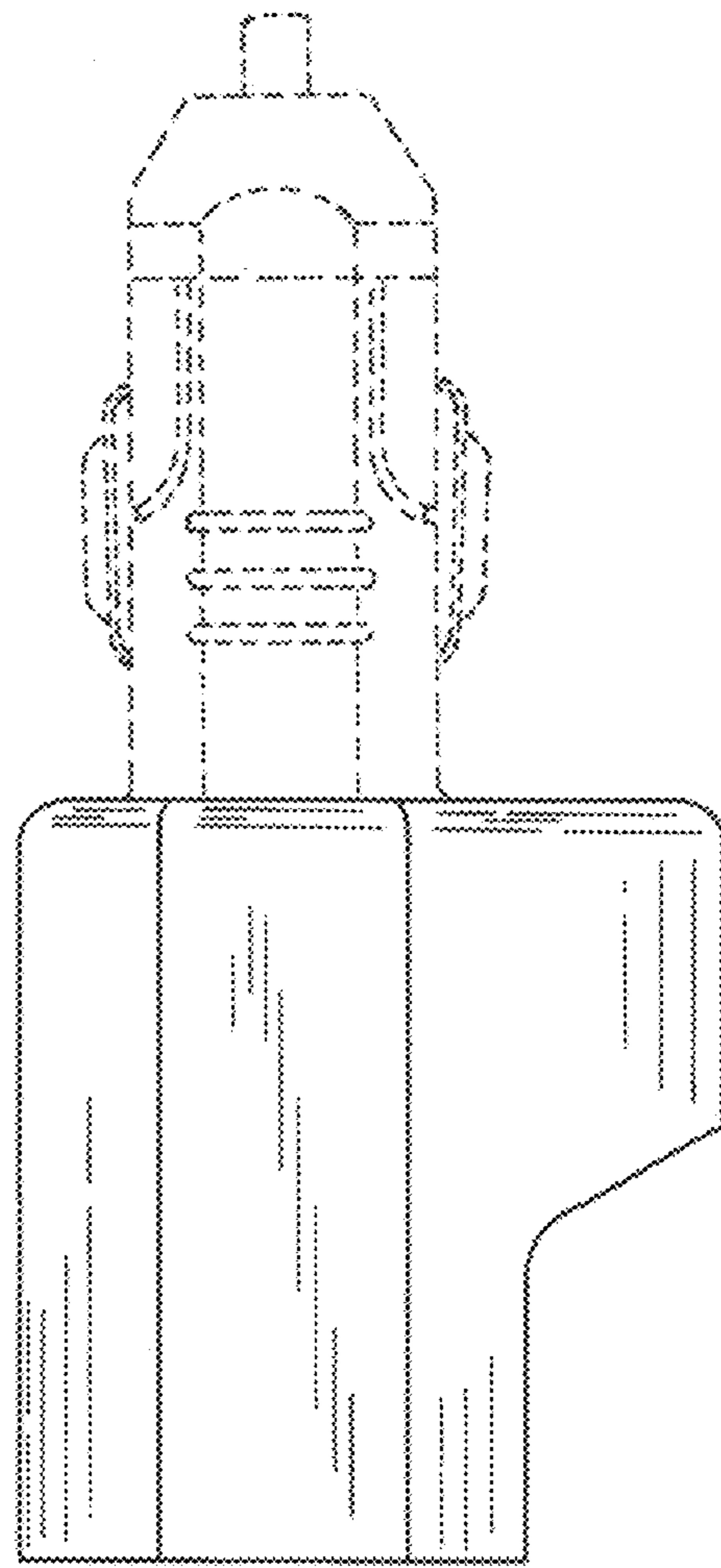


FIG. 5

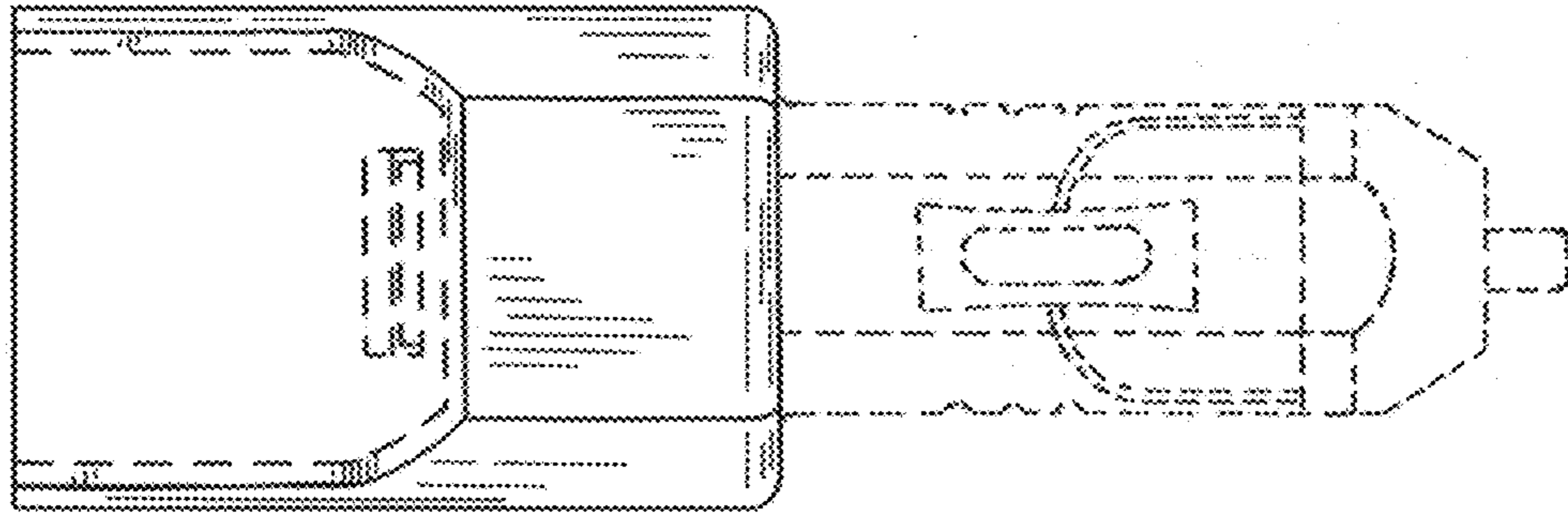


FIG. 6

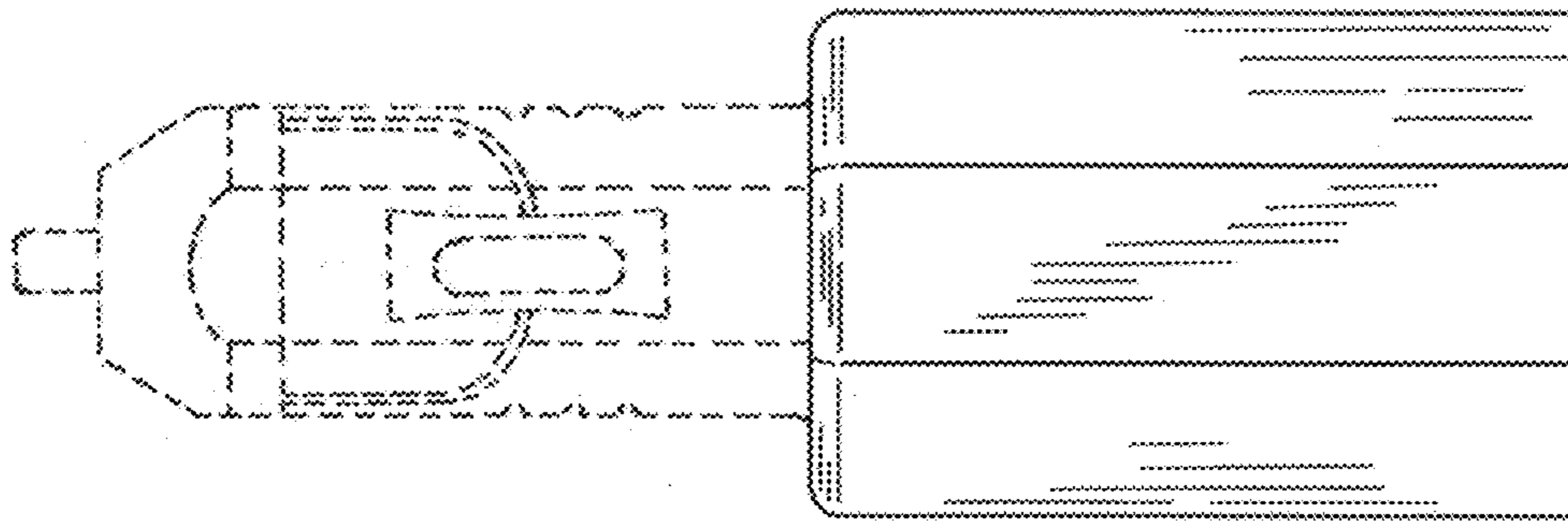


FIG. 7