

US00D864871S

(12) **United States Design Patent**
Xiao

(10) **Patent No.:** **US D864,871 S**

(45) **Date of Patent:** **** Oct. 29, 2019**

(54) **SOCKET**
(71) Applicant: **Xiangdong Xiao**, Guangdong (CN)
(72) Inventor: **Xiangdong Xiao**, Guangdong (CN)
(73) Assignee: **LINGAN INTELLIGENT TECHNOLOGY CO., LTD**, Shenzhen (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/650,469**

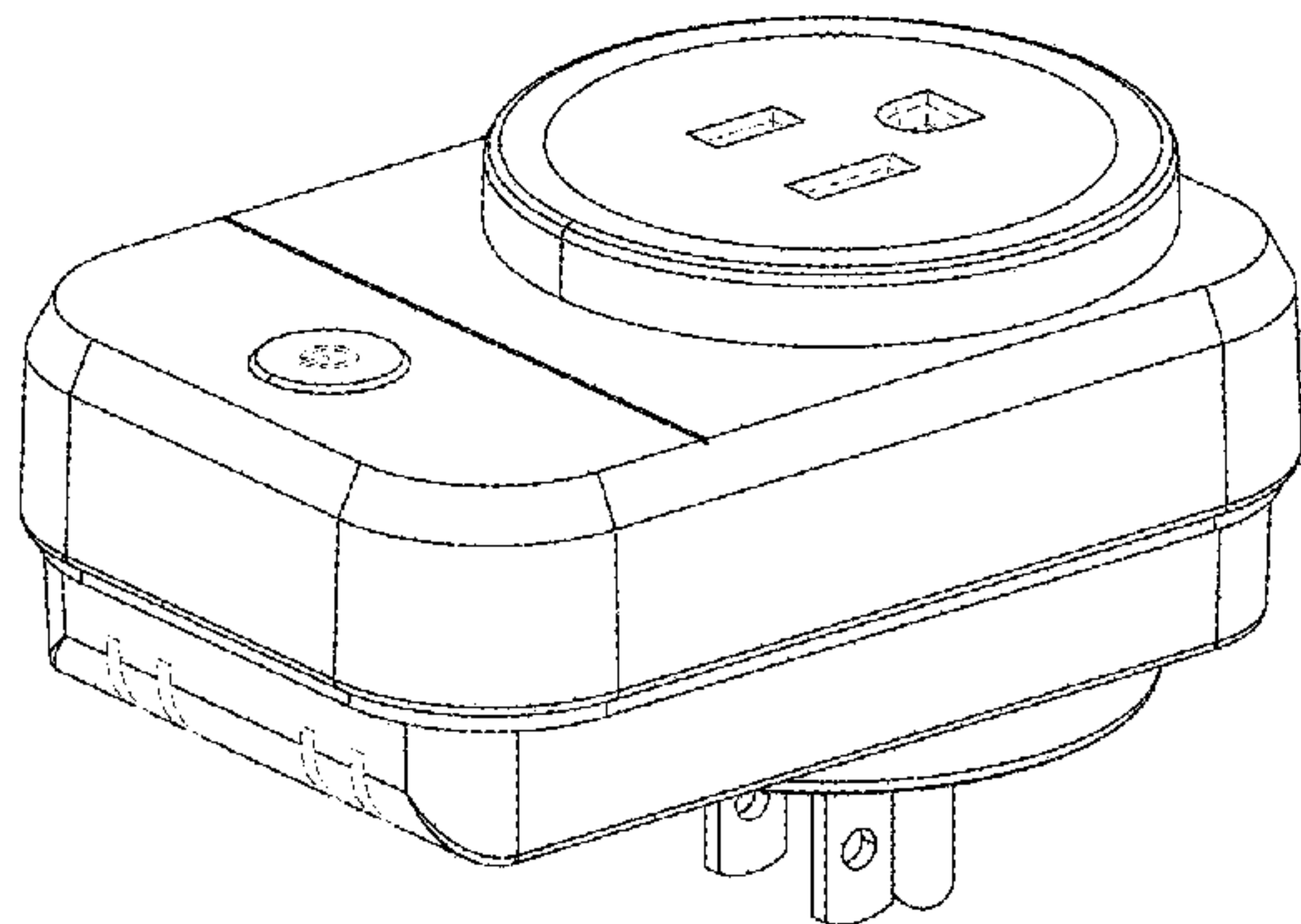
8,157,578 B2 * 4/2012 Lee H01R 31/06
439/172
8,313,335 B2 * 11/2012 Wu H01R 13/502
439/172
8,382,493 B2 * 2/2013 Ruffner H01R 27/00
439/105
D687,374 S * 8/2013 Biedermann D13/108
D713,788 S * 9/2014 Hasegawa D13/110
D720,290 S * 12/2014 Wu D13/110
8,920,177 B1 * 12/2014 Hsiao H01R 39/00
439/13
D726,653 S * 4/2015 Kourtis D13/137.1
9,083,125 B2 * 7/2015 Rogers H01R 27/00
9,106,037 B2 * 8/2015 Lee H01R 31/06
(Continued)

(22) Filed: **Jun. 7, 2018**
(51) **LOC (12) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/137.3**
(58) **Field of Classification Search**
USPC D13/107, 108, 110, 123, 133,
D13/137.1-137.4, 138.1-138.2,
D13/139.1-139.8, 151-156, 173, 177,
D13/184; D14/432, 433, 435.1
CPC H01R 11/00; H01R 9/00; H01R 13/00;
H01R 13/04; H01R 13/10; H01R
13/6666; H01R 13/6675; H01R 13/5845;
H01R 13/72; H01R 13/46; H01R 25/00;
H01R 25/006; H01R 31/06; H01R 24/28;
H01H 2207/00; H01H 2207/022; H01B
7/2806

See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS

6,328,581 B1 * 12/2001 Lee H01R 31/06
439/106
6,929,515 B1 * 8/2005 Schneider H01R 27/00
439/654
7,845,951 B1 * 12/2010 Goon H01R 35/04
439/21
7,896,663 B2 * 3/2011 Niidome H01R 31/06
439/131



OTHER PUBLICATIONS

Amazon.com: COOSA WiFi Smart Plug. Published Jul. 6, 2017. Retrieved from the internet at <https://www.amazon.com/COOSA-Function-Appliances-Compatible-Assistant/dp/B073RGK5CH/>, Jul. 6, 2019. 1 page. (Year: 2017).*

Primary Examiner — Rosemary K Tarcza
Assistant Examiner — Christy M Nemeth
(74) *Attorney, Agent, or Firm* — Justin Lampel

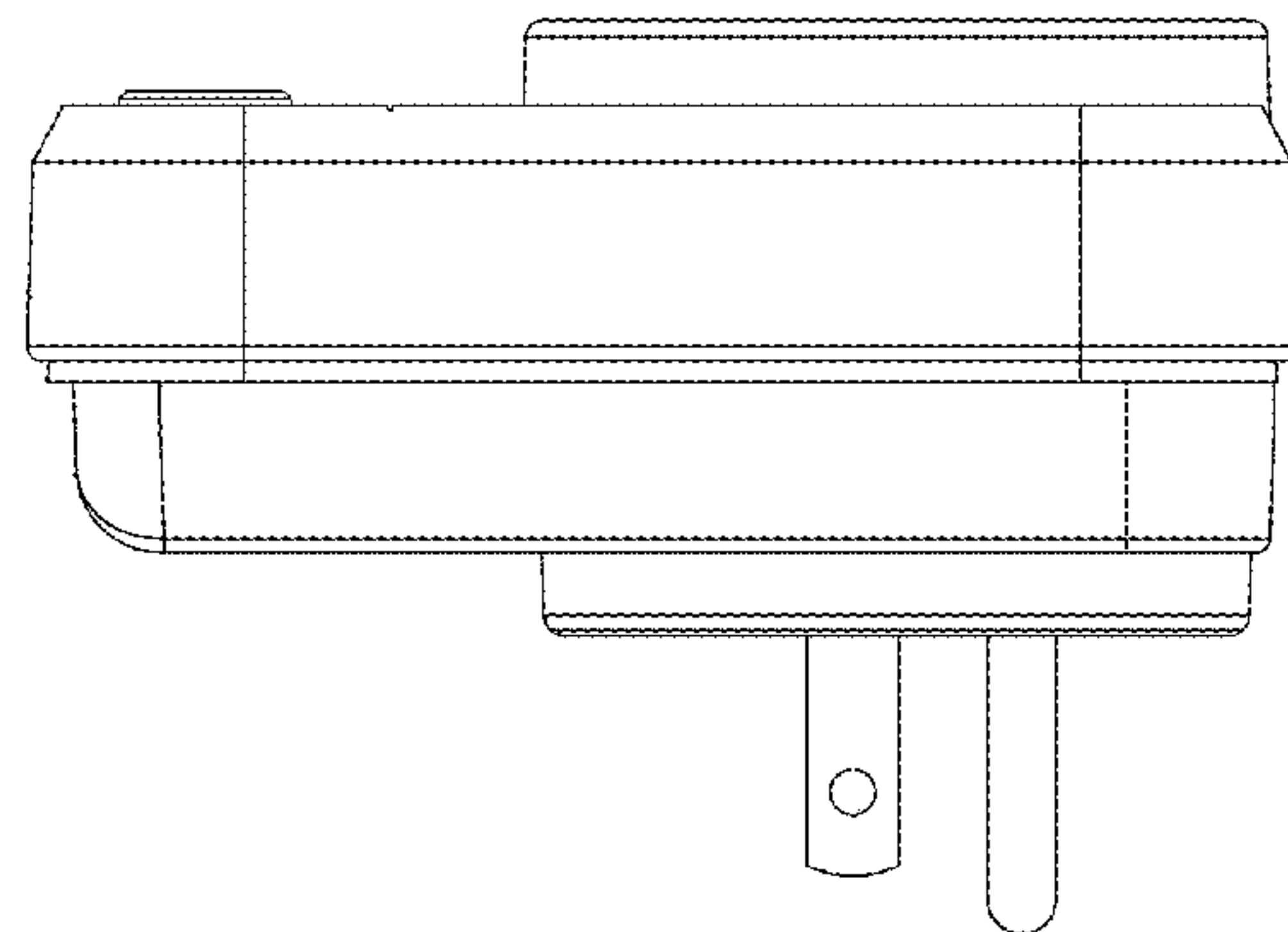
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a socket showing my new design;
FIG. 2 is a front side view thereof;
FIG. 3 is a rear side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a top plan view thereof.
The broken lines illustrate portions of the socket that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D750,022 S * 2/2016 Lin D13/137.2
D755,127 S * 5/2016 Wong D13/137.2
9,343,850 B2 * 5/2016 Colahan H01R 13/6675
D807,295 S * 1/2018 Xu D13/137.2
9,882,313 B2 * 1/2018 Steinbuchel, IV H01R 31/06
D816,614 S * 5/2018 An D13/137.1
9,985,397 B2 * 5/2018 Jiang H01R 13/5219
D819,570 S * 6/2018 Zhong D13/137.1
D826,858 S * 8/2018 Little D13/137.2
D826,859 S * 8/2018 Little D13/137.2
D835,042 S * 12/2018 Qiu D13/137.2
D835,043 S * 12/2018 Liao D13/137.3
D849,687 S * 5/2019 Dai D13/137.2
10,290,988 B2 * 5/2019 Judkins H01R 13/6675

* cited by examiner

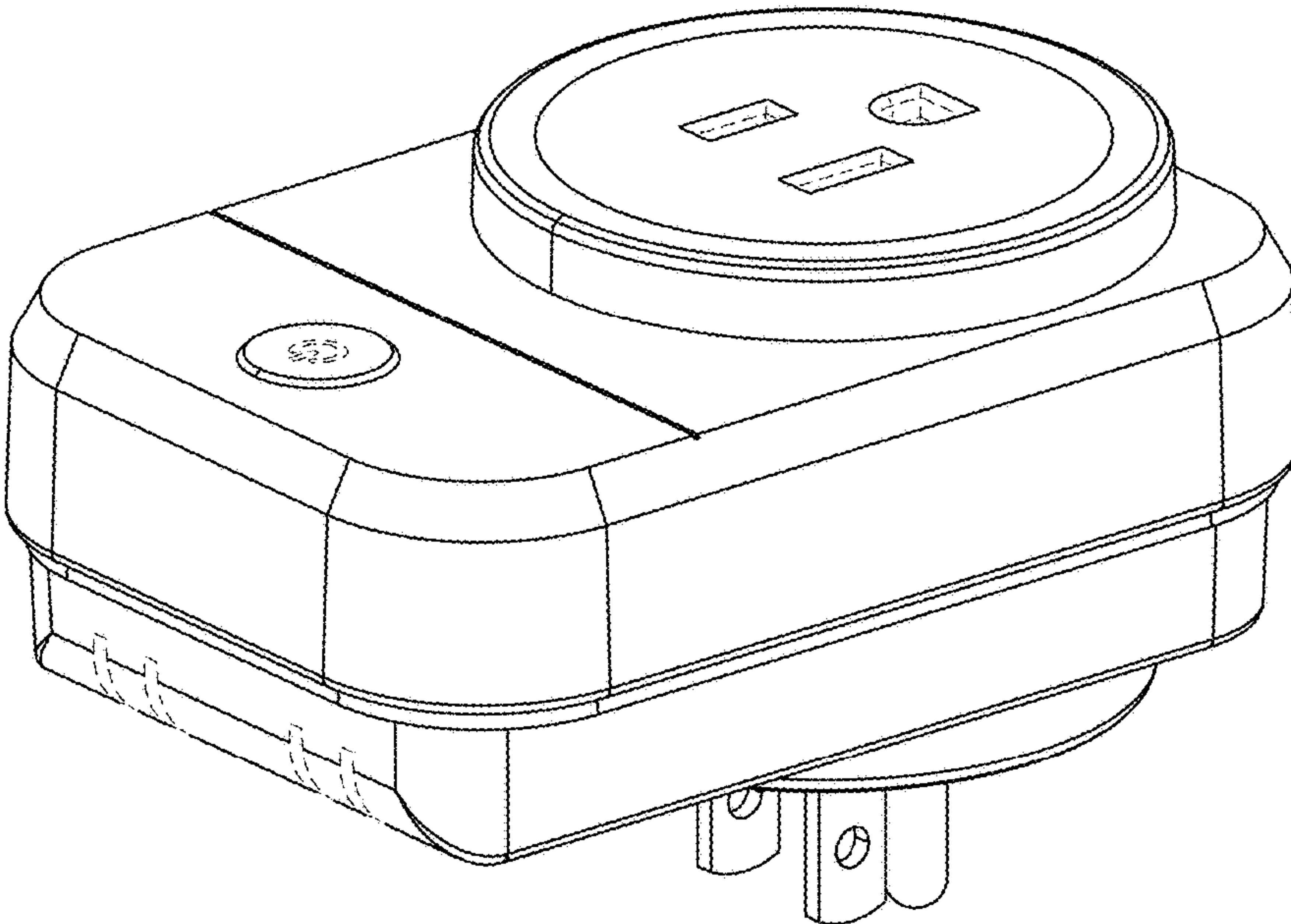


FIG. 1

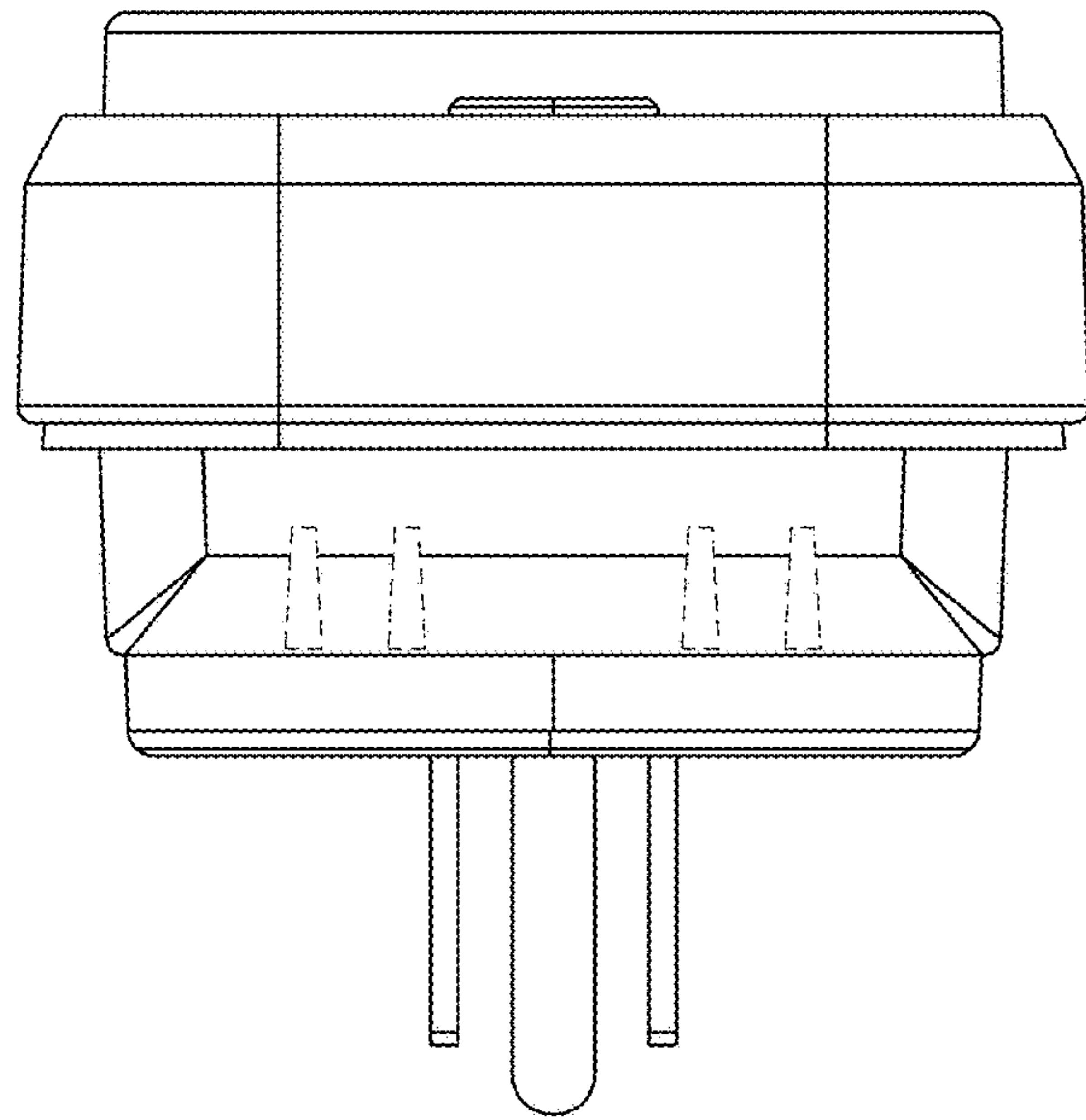


FIG. 2

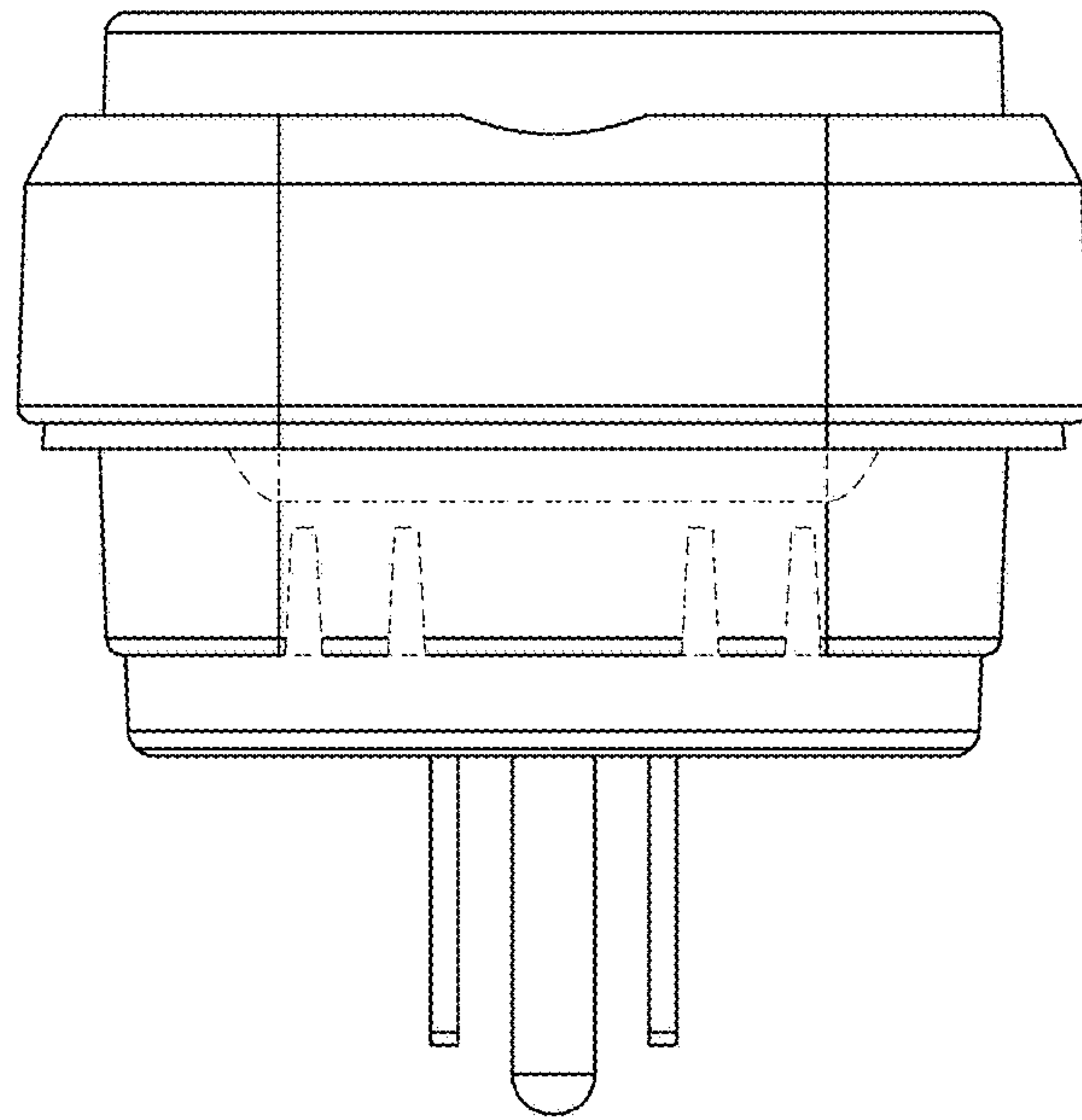


FIG. 3

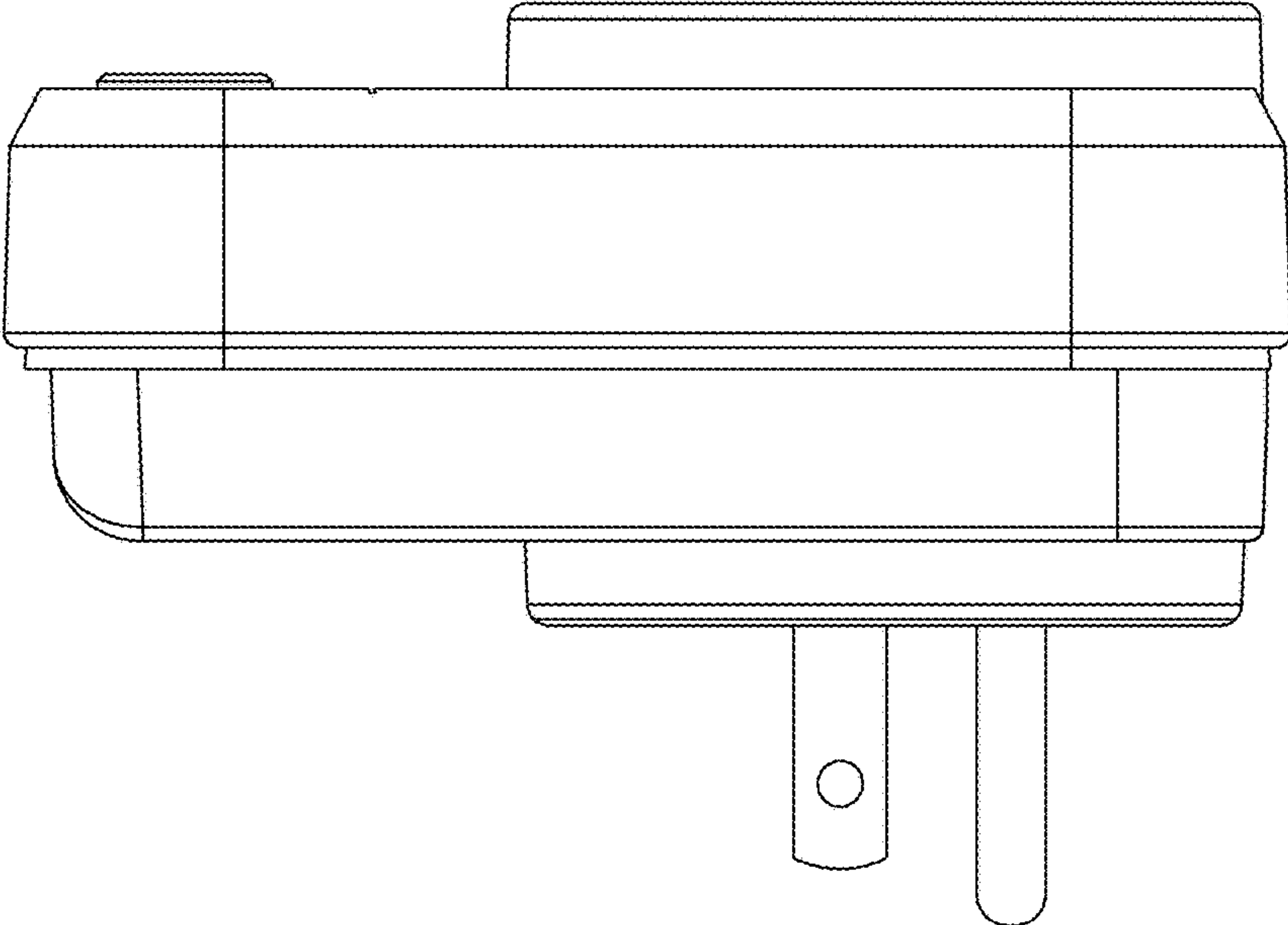


FIG. 4

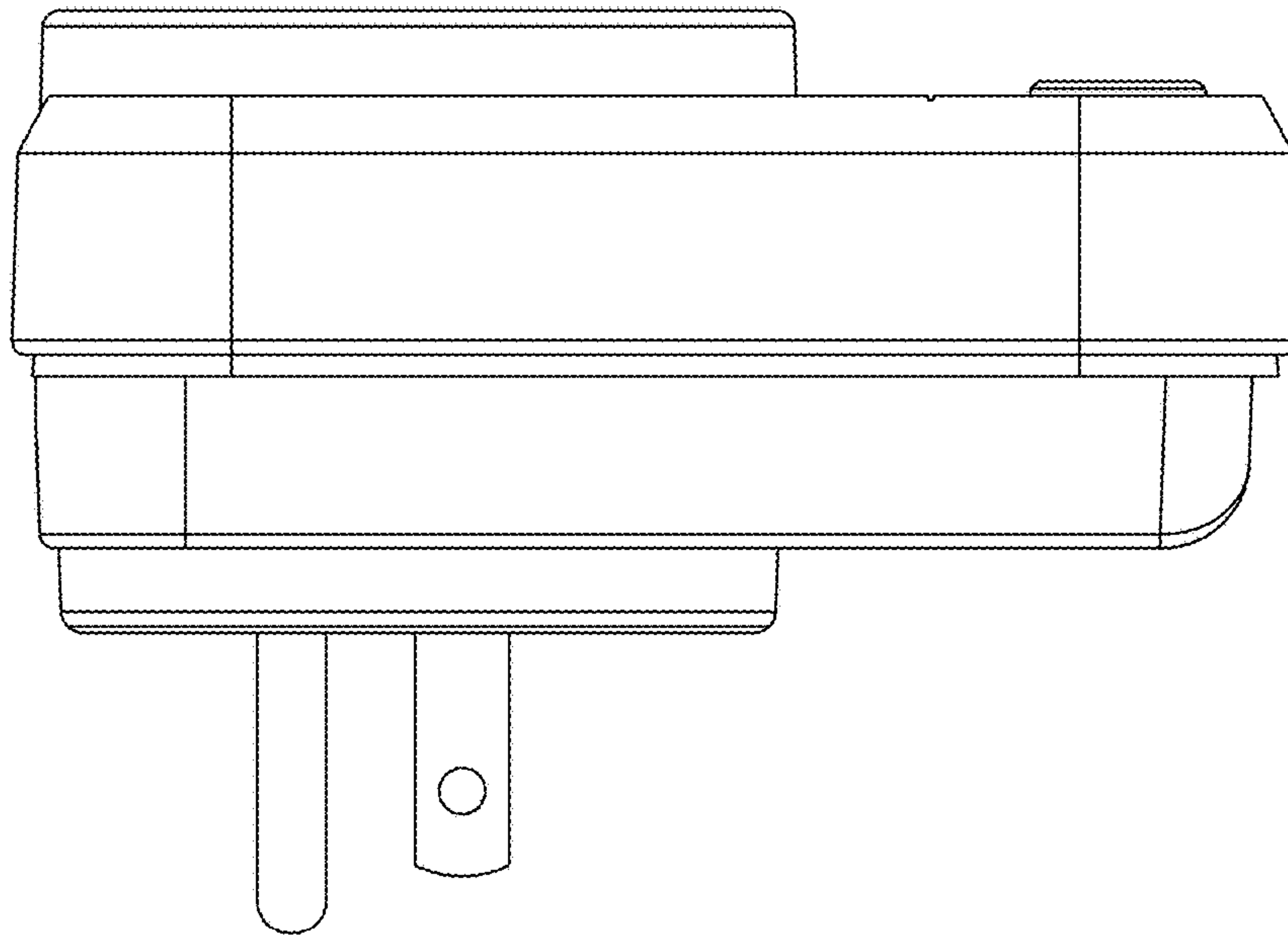


FIG. 5

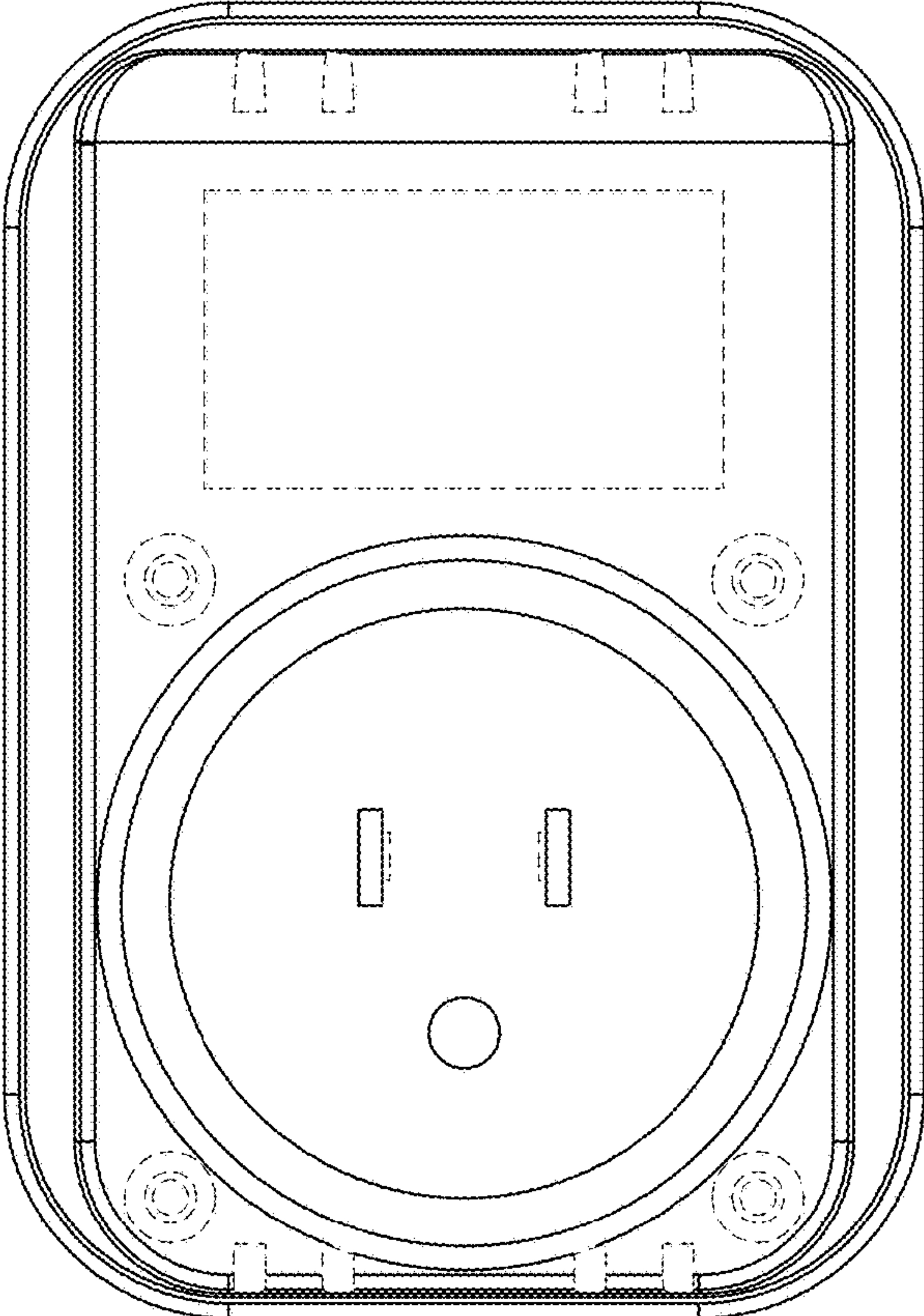


FIG. 6

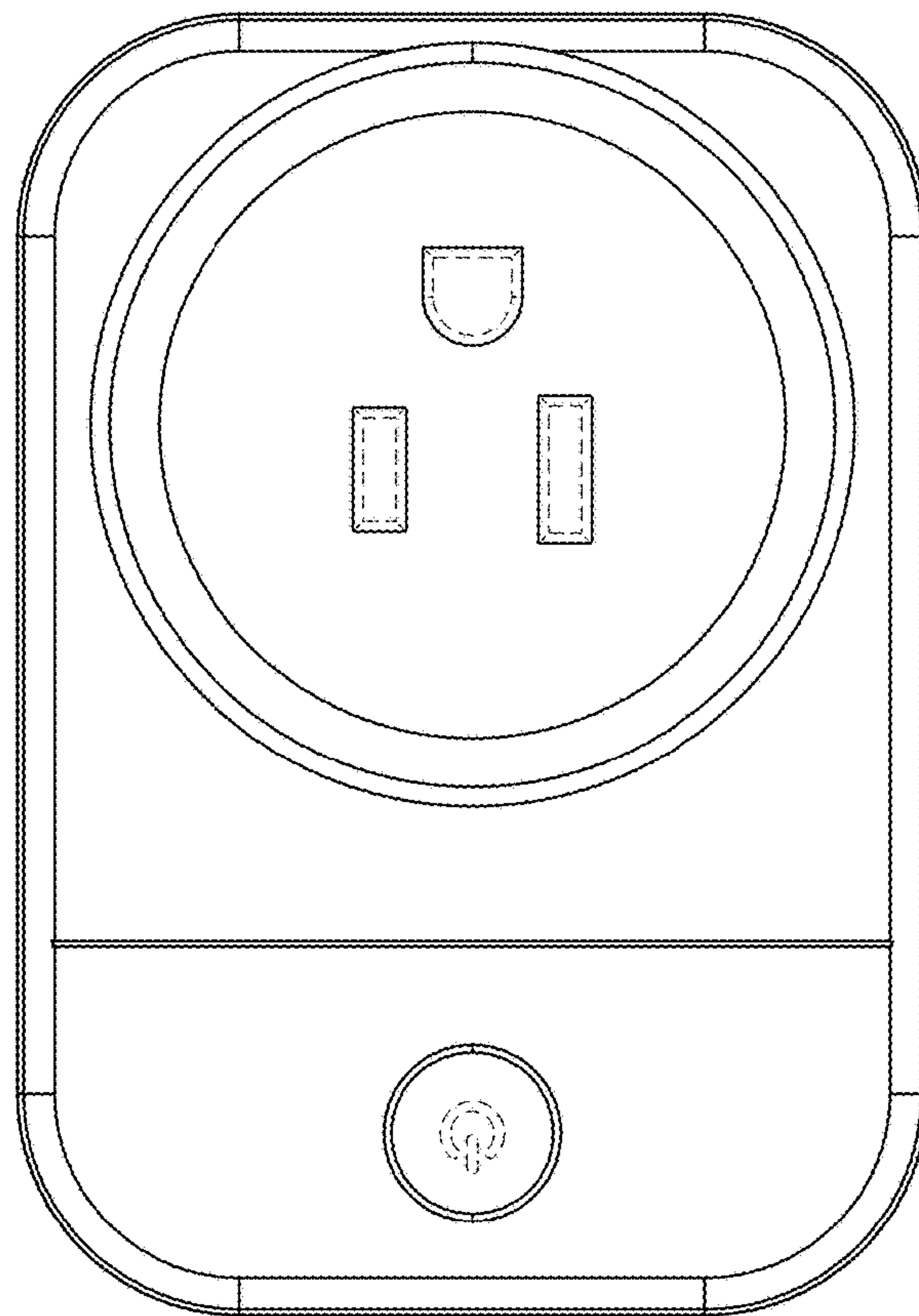


FIG. 7