



US00D938361S

(12) **United States Design Patent** (10) **Patent No.:** **US D938,361 S**
Chang et al. (45) **Date of Patent:** **** Dec. 14, 2021**

(54) **SURGE PROTECTOR ADAPTOR**
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D755,127 S * 5/2016 Wong D13/137.2
D807,295 S * 1/2018 Xu D13/137.2
D832,215 S * 10/2018 Xu D13/137.2
D835,042 S * 12/2018 Qiu D13/137.2
(Continued)

FOREIGN PATENT DOCUMENTS

CN 301215717 5/2010
CN 304073999 * 1/2019
(Continued)

OTHER PUBLICATIONS

APC PM1W-GR Surge Protection by Schneider Electric. Conrad.com. Retrieval date: Mar. 13, 2021. Retrieved from internet: <https://www.conrad.com/p/apc-by-schneider-electric-pm1w-gr-surge-protection-in-line-connector-white-1431284> (Year: 2021).*
(Continued)

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(57) **CLAIM**

The ornamental design for a surge protector adaptor, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a surge protector adaptor;
FIG. 2 is a back perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The dash-dash broken lines shown in the drawing figures depict portions of the surge protector adaptor that form no part of the claimed design.

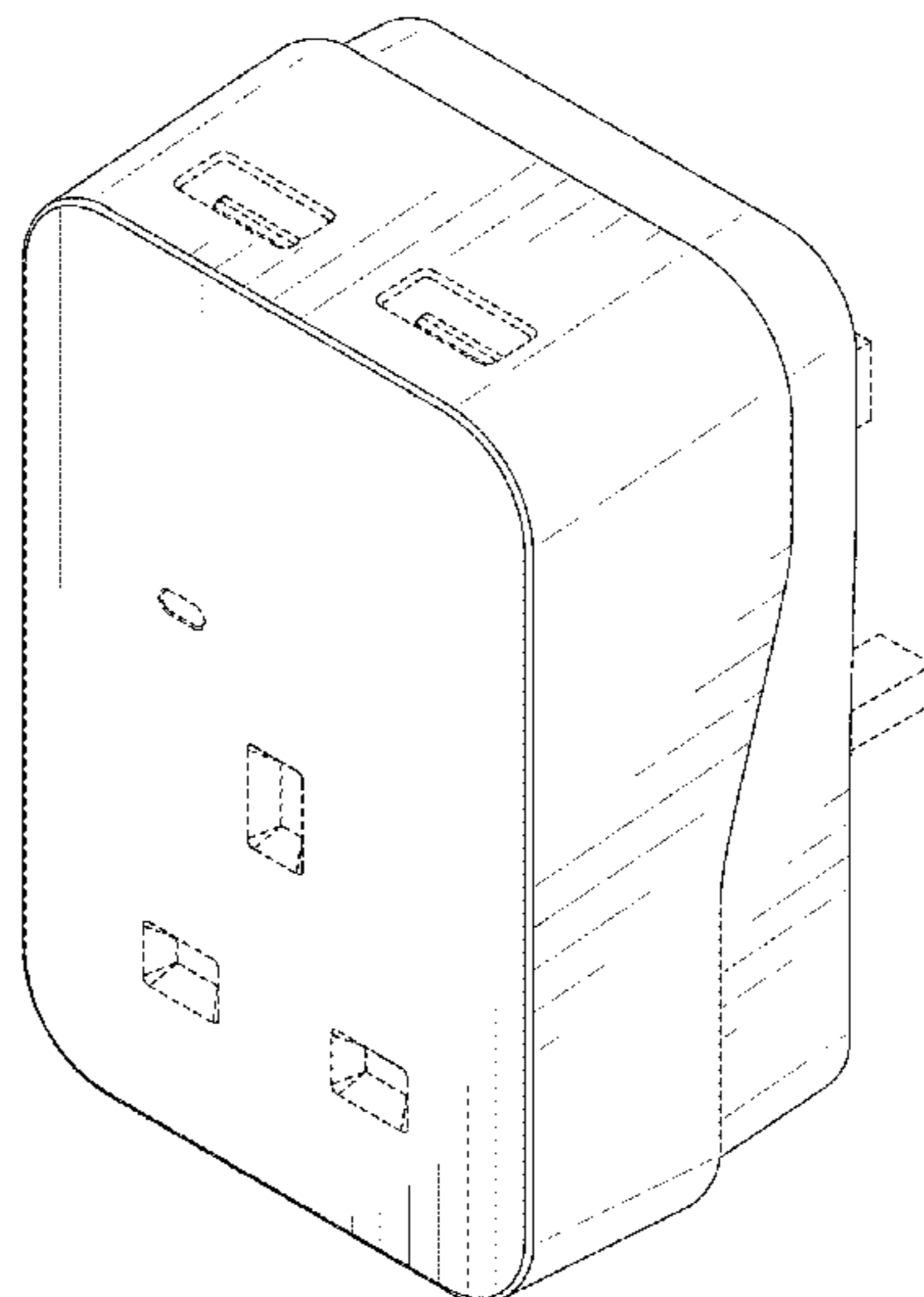
1 Claim, 8 Drawing Sheets

(**) Term: **15 Years**
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(22) Filed: **Jul. 17, 2019**
(51) **LOC (13) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/137.2**
(58) **Field of Classification Search**
USPC D13/137.1–137.4, 138.1, 138.2, D13/139.1–139.8, 146, 147, 154, 158, D13/171, 173, 174, 184, 107, 108, 110; D14/432, 433
CPC .. H01R 13/639; H01R 13/6392; H01R 13/64; H01R 13/642; H01R 13/648; H01R 13/652; H01R 13/66; H01R 13/6666; H01R 13/6683; H01R 13/68; H01R 13/713; H01R 24/20; H01R 24/22; H01R 24/28; H01R 24/30; H01R 2103/00; H01R 25/00; H01R 25/003; H01R 25/006; H01R 25/164–167; H01R 31/06; H01H 2207/22; H05K 5/02; H05K 5/0247
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D545,273 S * 6/2007 Lee D13/139.3
D609,642 S * 2/2010 Gandolfi D13/137.2
D751,038 S * 3/2016 Lin D13/137.2



(56)

References Cited

U.S. PATENT DOCUMENTS

D843,943 S * 3/2019 Yang D13/137.2
 D858,439 S * 9/2019 Li D13/108
 D861,614 S * 10/2019 Xu D13/137.2
 D867,295 S * 11/2019 Shaopeng D13/137.2
 D872,695 S * 1/2020 Bo D13/137.2
 D880,425 S * 4/2020 Chen D13/137.3
 D908,630 S * 1/2021 Huang D13/137.2
 D909,305 S * 2/2021 Shaopeng D13/137.2
 D909,307 S * 2/2021 Shaopeng D13/137.2

FOREIGN PATENT DOCUMENTS

CN 305301752 * 8/2019
 EM 003442300-0001 10/2016
 EM 005513157-0001 * 7/2018
 GB 6082731 * 2/2020
 GB 6082732 * 2/2020
 JP 1169066 3/2003
 JP HJ20032331 10/2008
 JP HB24000676 3/2012
 JP HB26000081 1/2014
 JP HJ26063670 2/2015
 JP HB27000791 3/2015
 JP HB27005087 11/2015
 JP HJ30044457 11/2018
 KR 300649337.0000 * 6/2012
 KR 300649337.0001 * 6/2012

KR 300776299.0000 * 12/2014
 KR 300776299.0001 * 12/2014
 KR 30-0784409 2/2015
 KR 300892373.0000 * 1/2017

OTHER PUBLICATIONS

Essential Surge Protector manual by Schneider Electric. Conrad.com. Copyright date: Apr. 2015. Retrieval date: Mar. 13, 2021. Retrieved from internet: <https://asset.conrad.com/media10/add/160267/c1/-/gl/001431284ML02/manual-1431284-apc-by-schneider-electric-pm1w-gr-surge-protection-in-line-connector-white.pdf> (Year: 2015).*

APC PME1WB-GR Surge Protection by Schneider Electric. Conrad.com. Retrieval date: Mar. 13, 2021. Retrieved from internet: <https://www.conrad.com/p/apc-by-schneider-electric-pme1wb-gr-surge-protection-in-line-connector-black-2236878> (Year: 2021).*

APC PME1WU2B-GR Surge Protection by Schneider Electric. Conrad.com. Retrieval date: Mar. 13, 2021. Retrieved from internet: <https://www.conrad.com/p/apc-by-schneider-electric-pme1wu2b-gr-surge-protection-in-line-connector-usb-black-2236879> (Year: 2021).*

Home/Office/Performance Surge Protector manual by Schneider Electric. Conrad.com. Copyright date: Jul. 2019. Retrieval date: Mar. 13, 2021. Retrieved from internet: <https://asset.conrad.com/media10/add/160267/c1/-/gl/002236879ML00/manual-2236879-apc-by-schneider-electric-pme1wu2b-gr-surge-protection-in-line-connector-usb-black.pdf> (Year: 2019).*

* cited by examiner

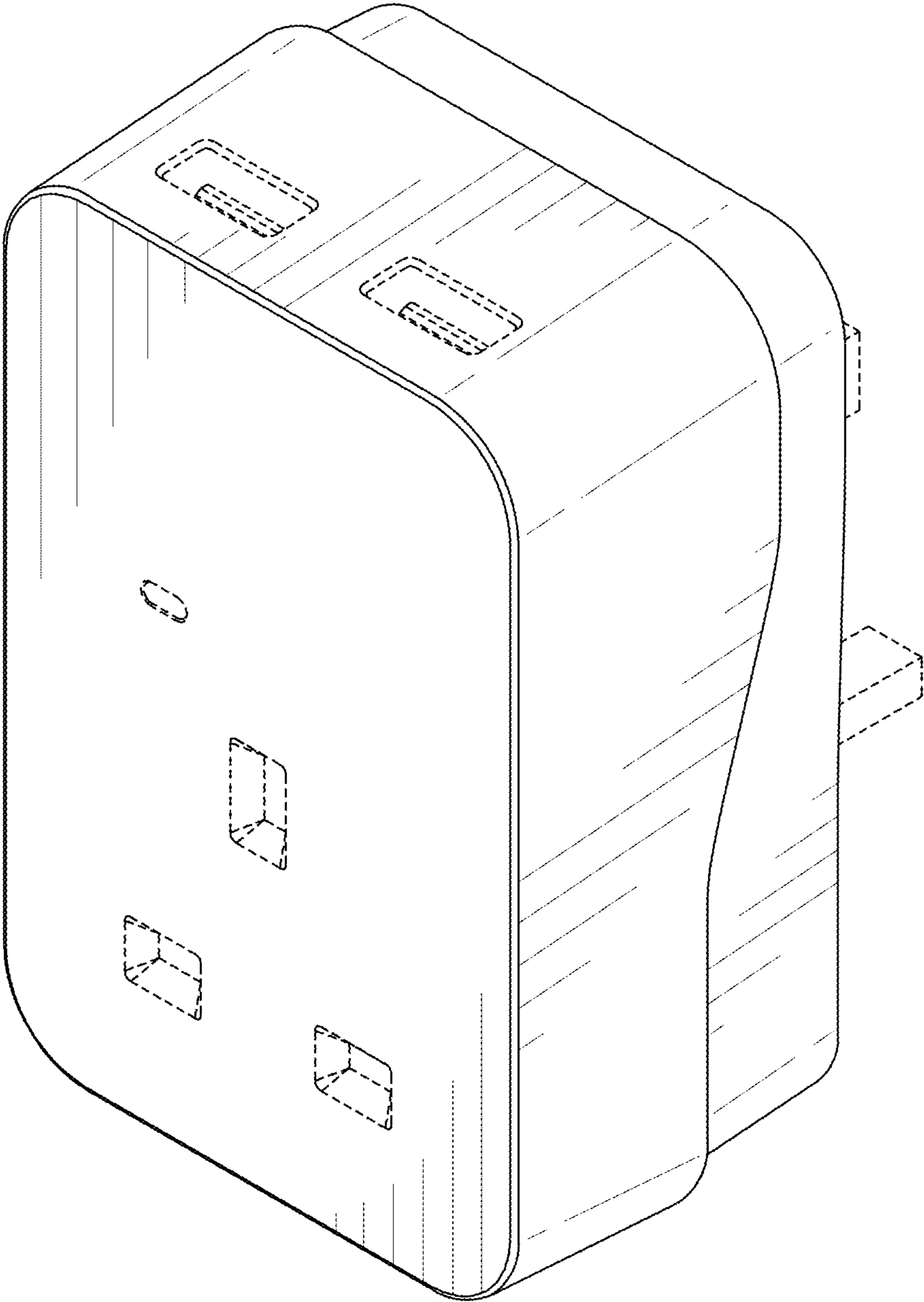


FIG. 1

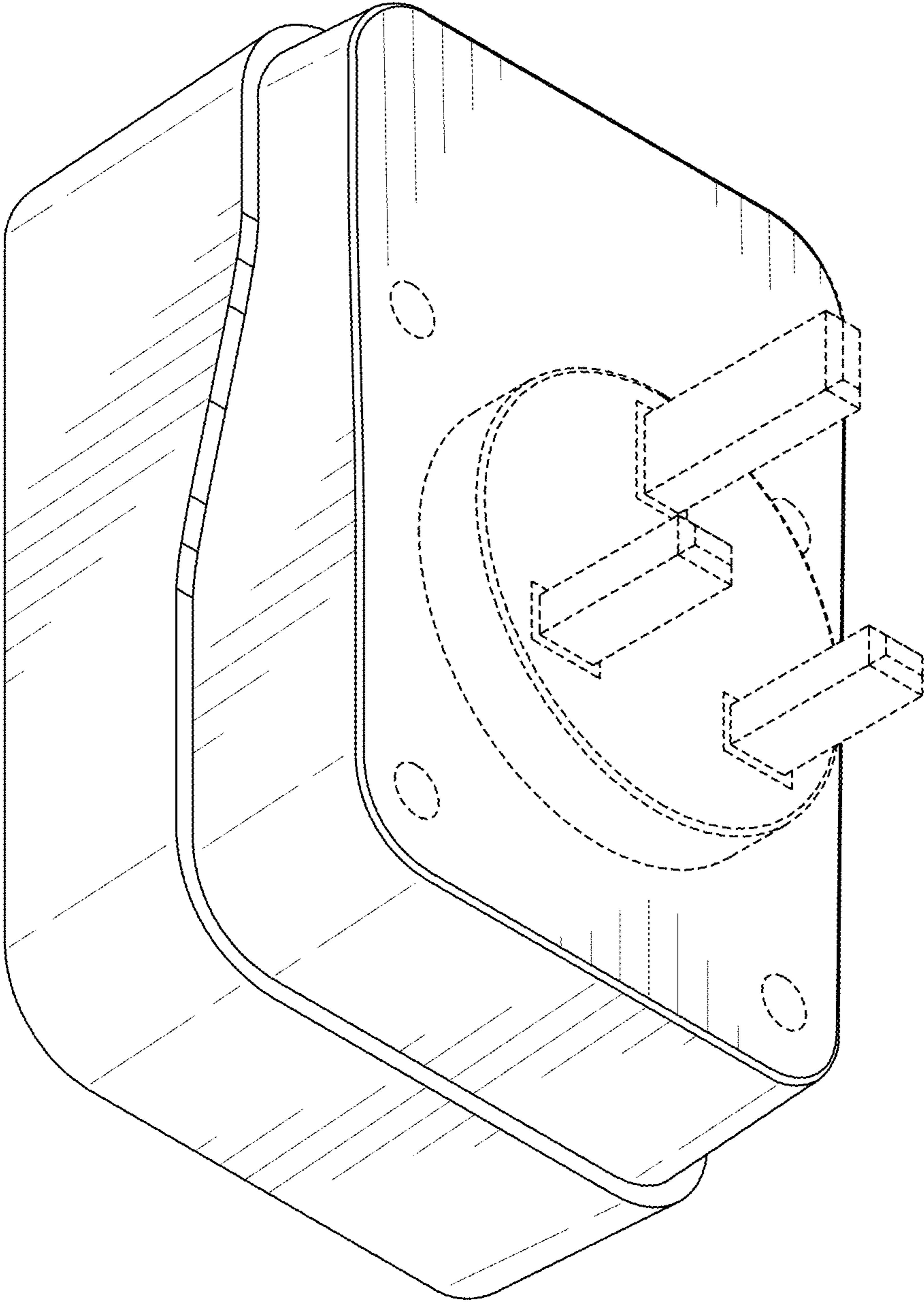


FIG. 2

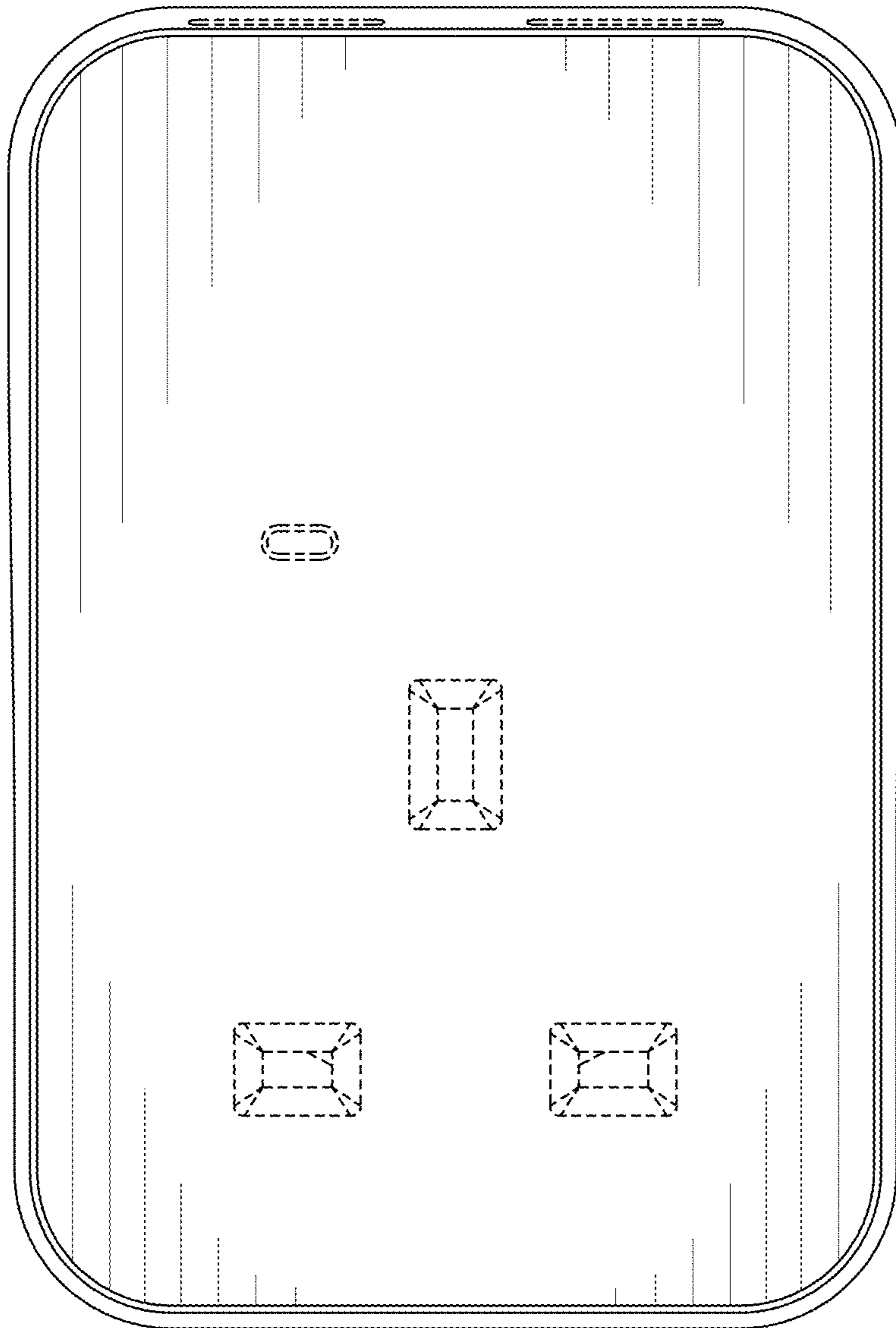


FIG. 3

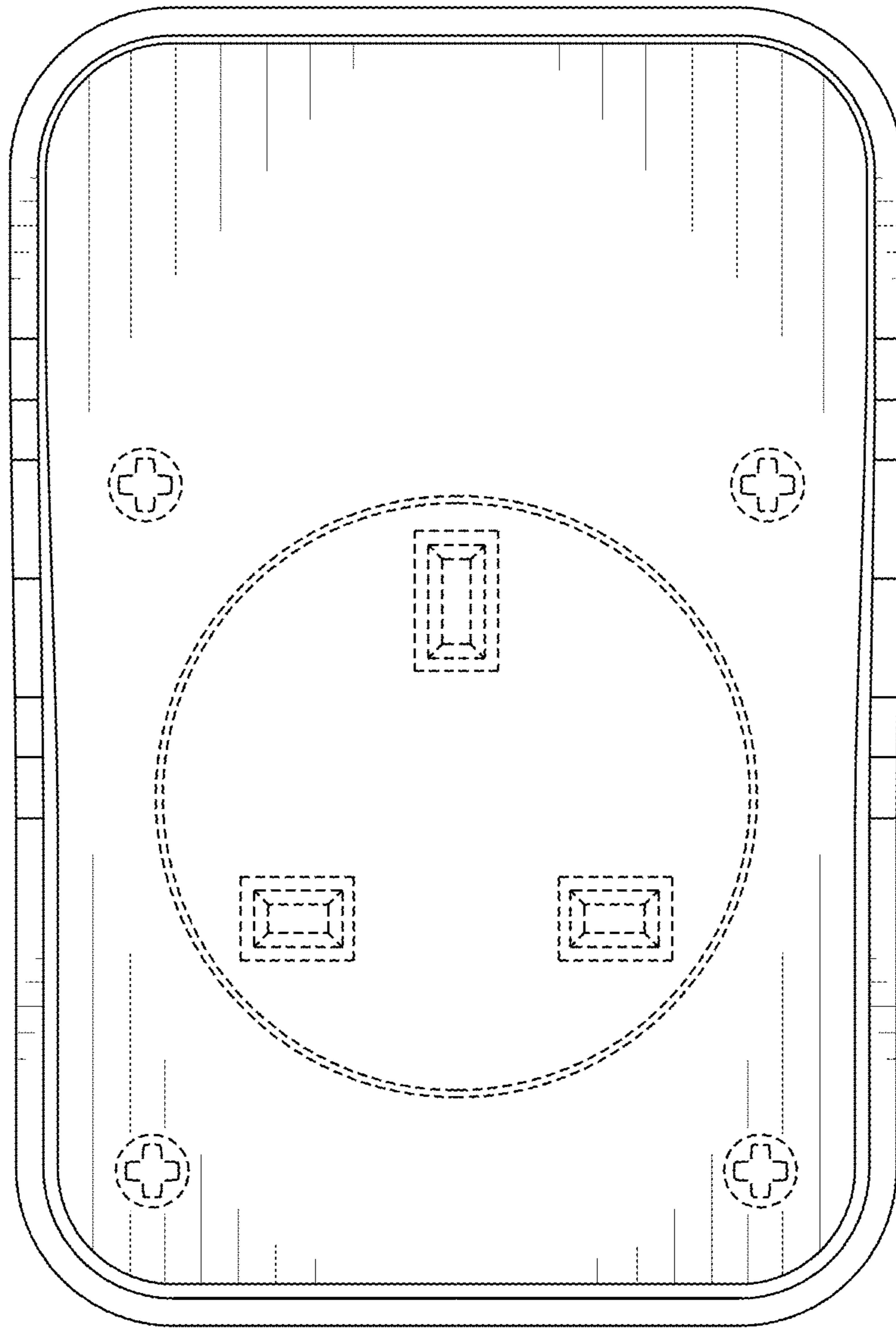


FIG. 4

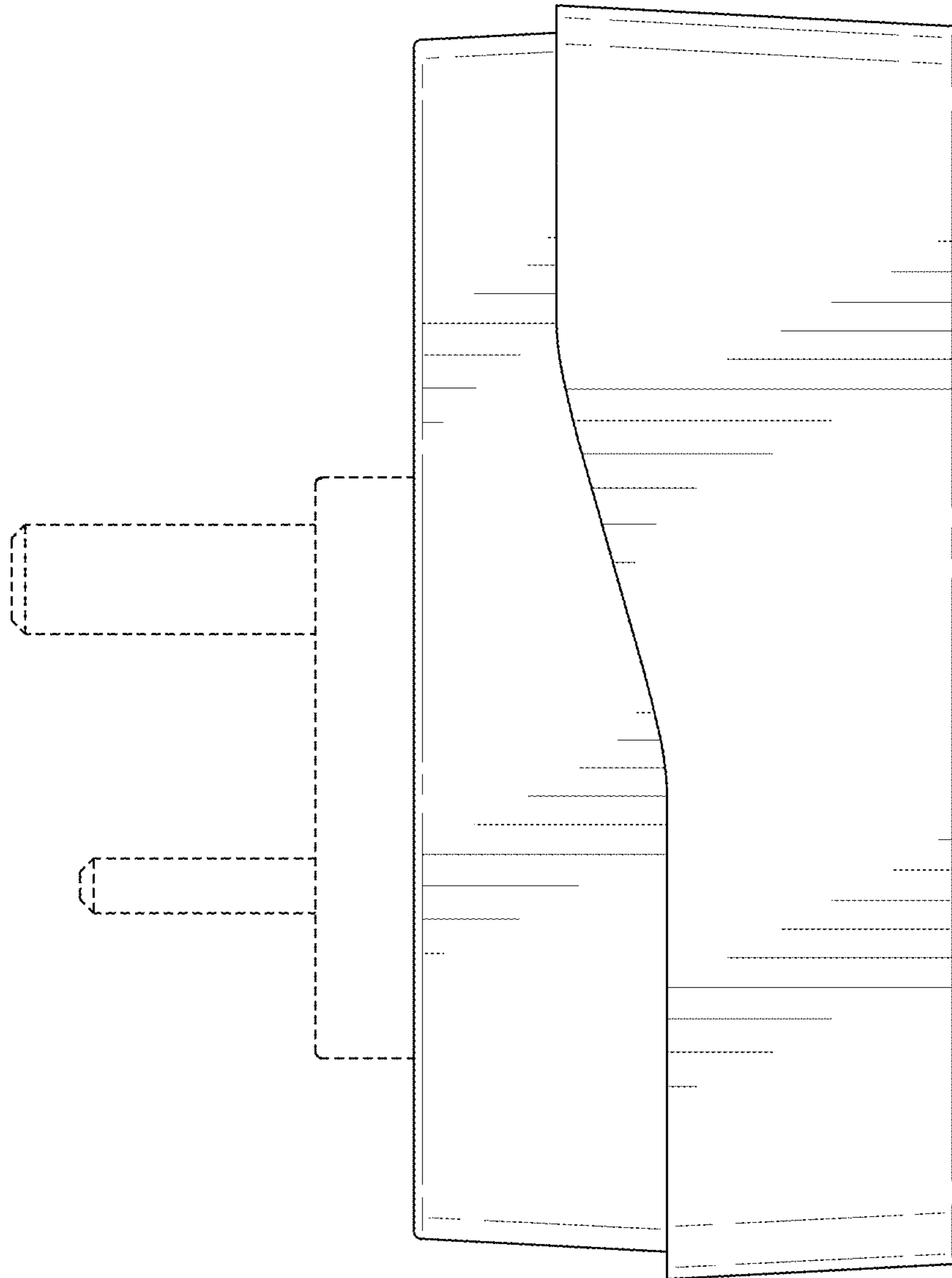


FIG. 5

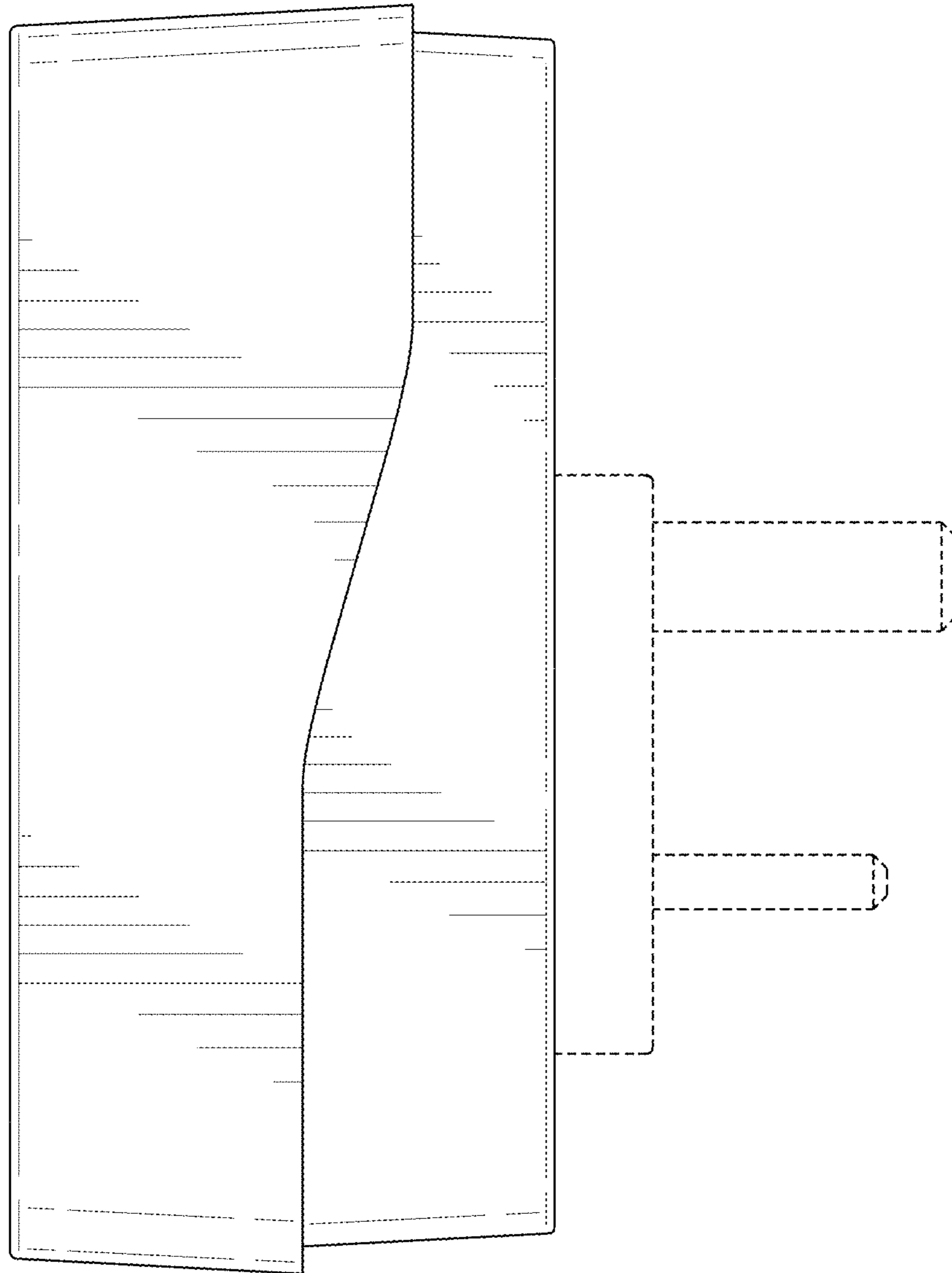


FIG. 6

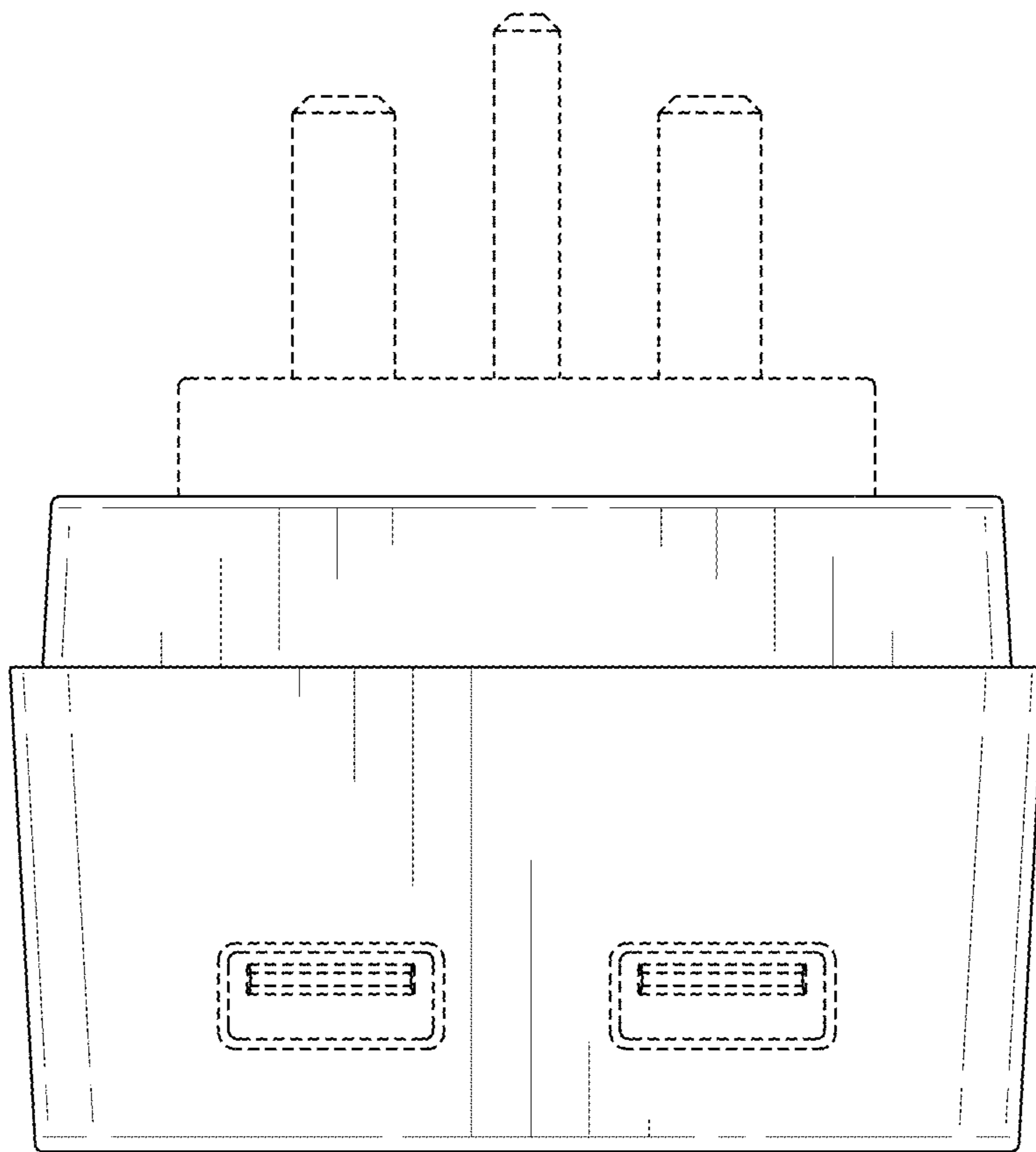


FIG. 7

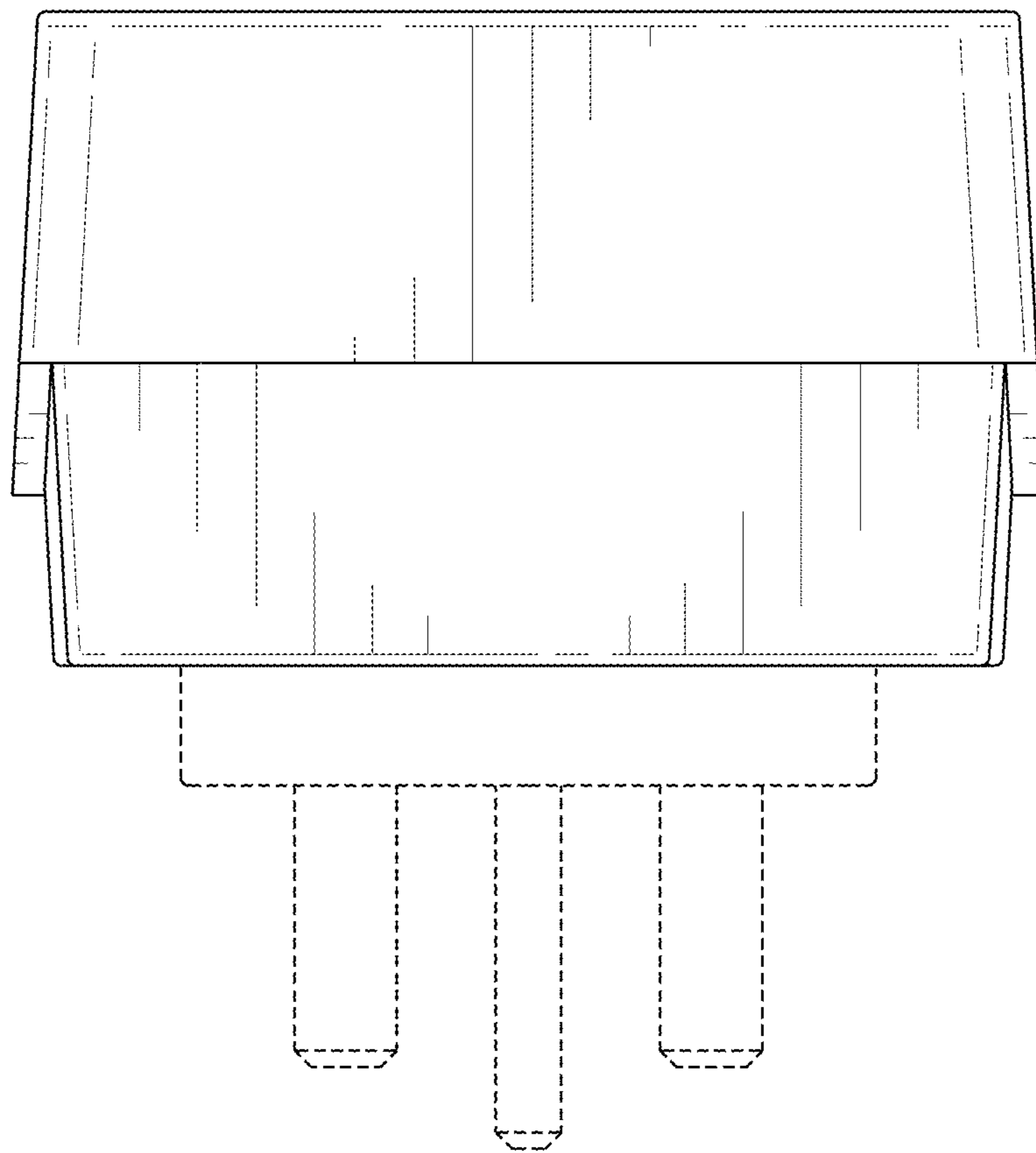


FIG. 8