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(12) **United States Design Patent** (10) **Patent No.:** **US D928,759 S**  
**Siminoff et al.** (45) **Date of Patent:** **\*\* Aug. 24, 2021**

(54) **RANGE EXTENDER DEVICE**  
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(73) Assignee: **Amazon Technologies, Inc.**, Seattle, WA (US)

(\*\*) Term: **15 Years**

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(52) **U.S. Cl.**  
USPC ..... **D14/242**

(58) **Field of Classification Search**  
USPC .... D14/240, 242, 357, 358, 140-140.9, 155, D14/125, 137, 139, 243, 348, 349, 351, D14/354, 355  
CPC ..... H04L 12/00; H03K 17/00; H04W 88/00; H04W 88/005; H04W 88/02; H04W 88/08; H04W 88/085; H04W 88/10; H04W 88/12; H04W 88/14; H04B 1/38  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D513,617 S \* 1/2006 Tierney ..... D14/496  
D565,036 S \* 3/2008 Ju ..... D14/240

D575,775 S \* 8/2008 Sekine ..... D13/137.3  
D626,951 S \* 11/2010 Ding ..... D14/240  
D630,198 S \* 1/2011 Wilkens ..... D14/240  
D639,789 S \* 6/2011 Kim ..... D14/242  
D653,662 S \* 2/2012 Park ..... D14/358  
D654,917 S \* 2/2012 Chaturvedi ..... D14/358  
D661,698 S \* 6/2012 Chaturvedi ..... D14/358  
D743,962 S \* 11/2015 Ikeda ..... D14/348  
D782,476 S \* 3/2017 Yamazaki ..... D14/358  
D812,590 S \* 3/2018 Modestine ..... D14/214  
D813,212 S \* 3/2018 Nangeroni ..... D14/240  
D839,225 S \* 1/2019 Hammarstedt ..... D14/125  
10,334,701 B1 \* 6/2019 Siminoff ..... H05B 47/115  
D853,355 S \* 7/2019 Modestine ..... D14/214  
D857,012 S \* 8/2019 Chen ..... D14/358  
D860,176 S \* 9/2019 Siminoff ..... D14/240  
10,412,811 B1 \* 9/2019 Siminoff ..... G08B 15/00

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 306196802 \* 11/2020

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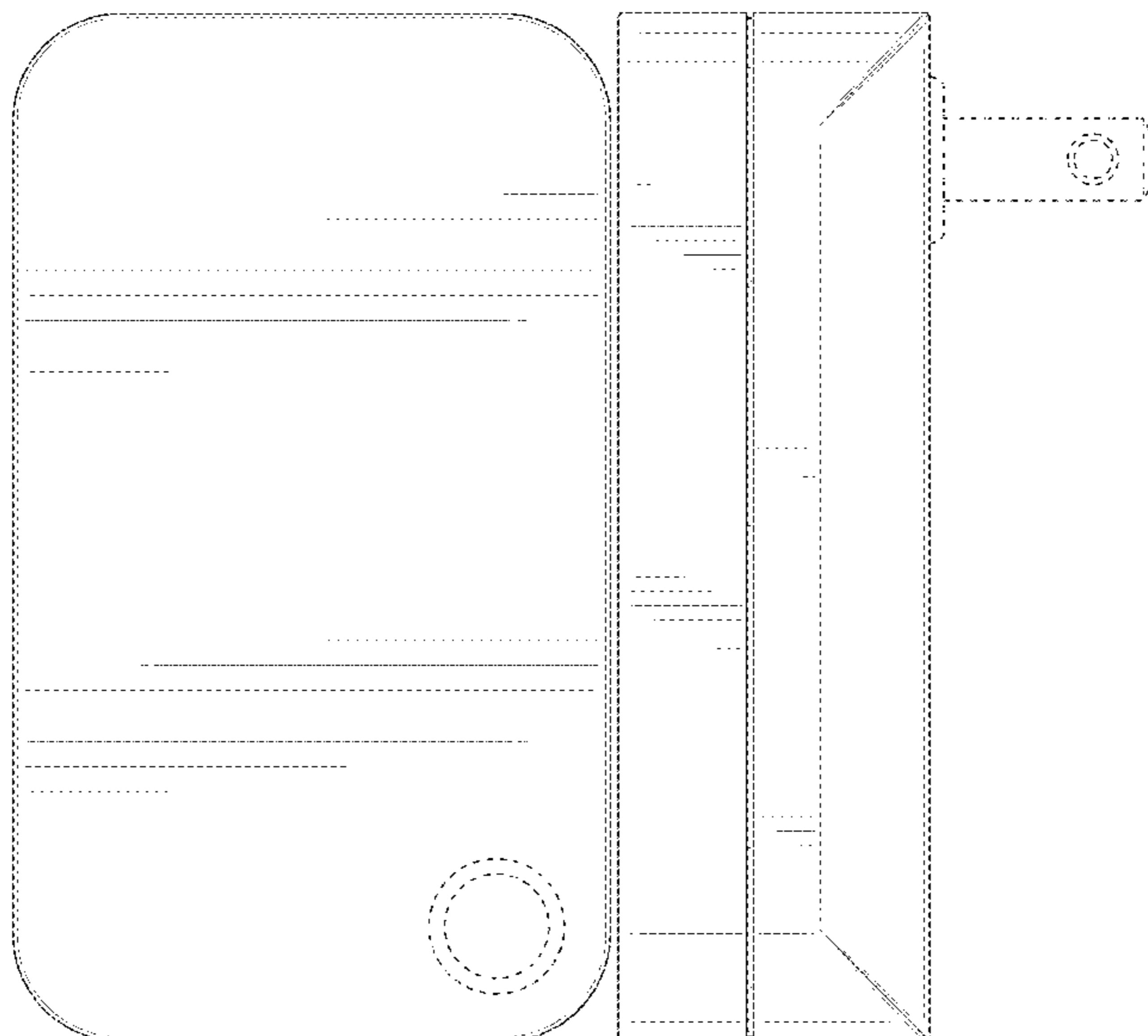
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, top, right-side perspective view of a range extender device;  
FIG. 2 is a back, bottom, left-side perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a back elevation view thereof;  
FIG. 5 is a left-side elevation view thereof;  
FIG. 6 is a right-side elevation view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines depict portions of the range extender device that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



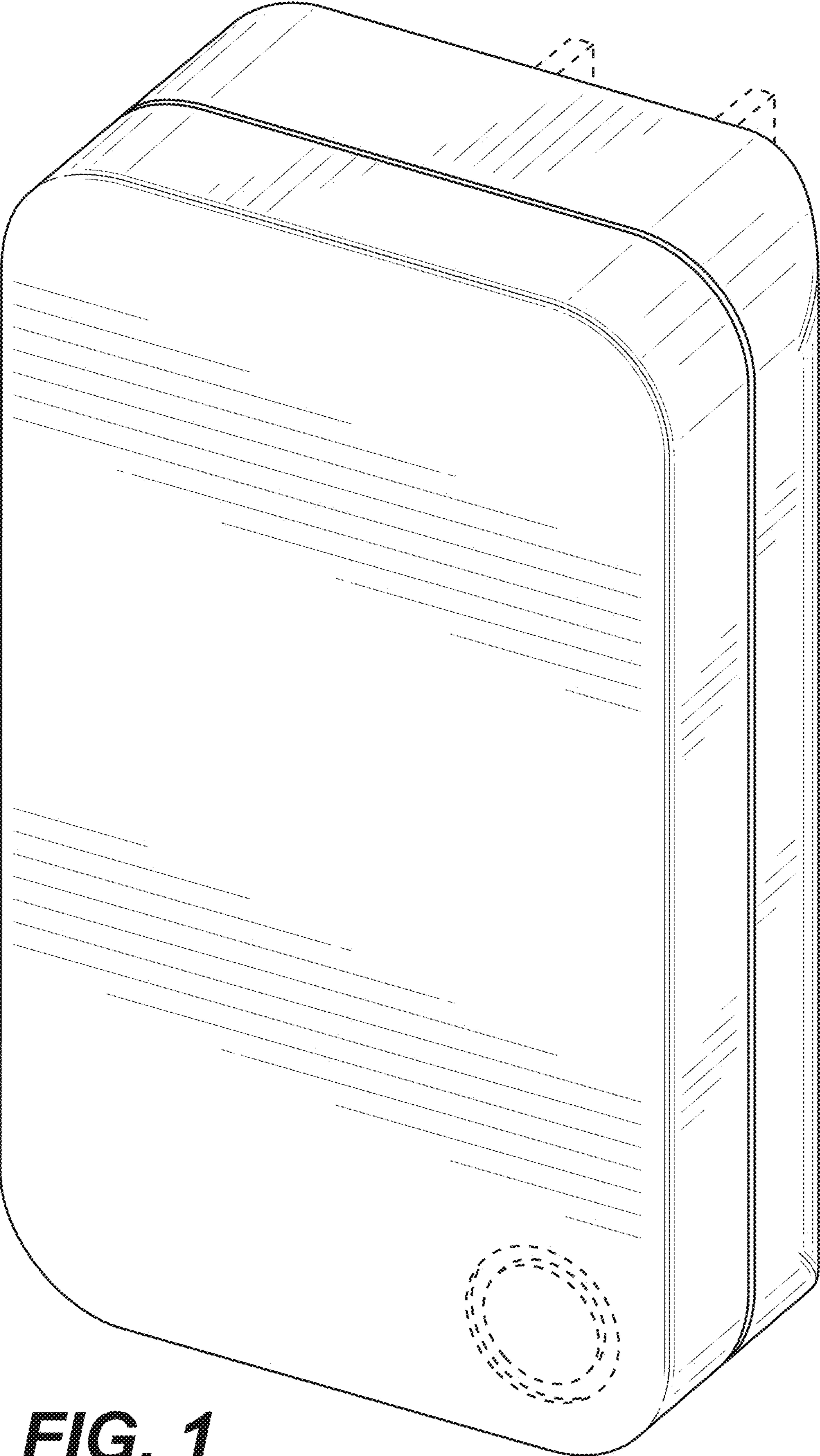
(56)

**References Cited**

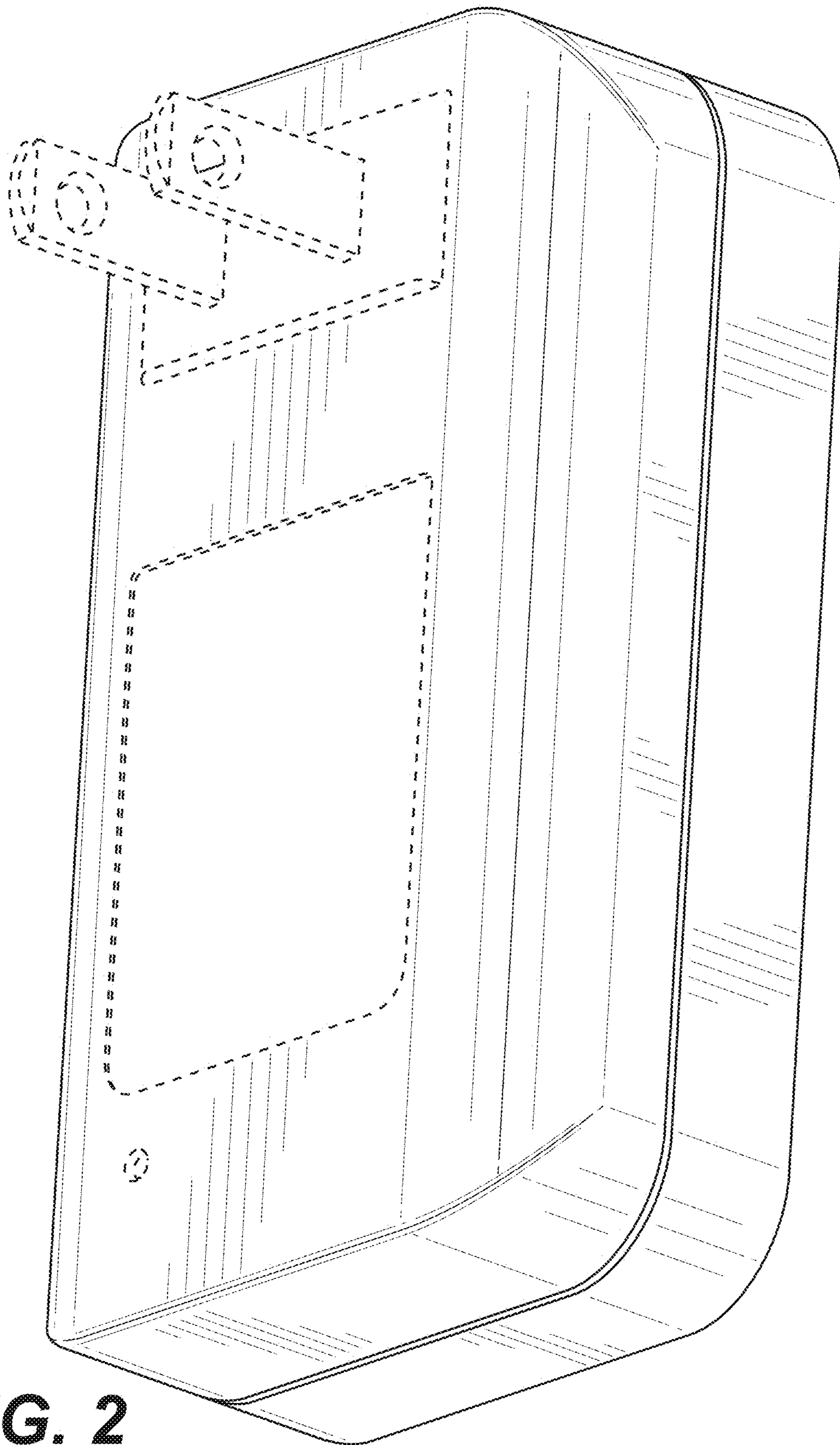
U.S. PATENT DOCUMENTS

D864,161 S \* 10/2019 Modestine ..... D14/214  
D873,820 S \* 1/2020 Wei ..... D14/348  
D901,471 S \* 11/2020 Siminoff ..... D14/240  
2016/0366373 A1 \* 12/2016 Siminoff ..... G08B 3/10

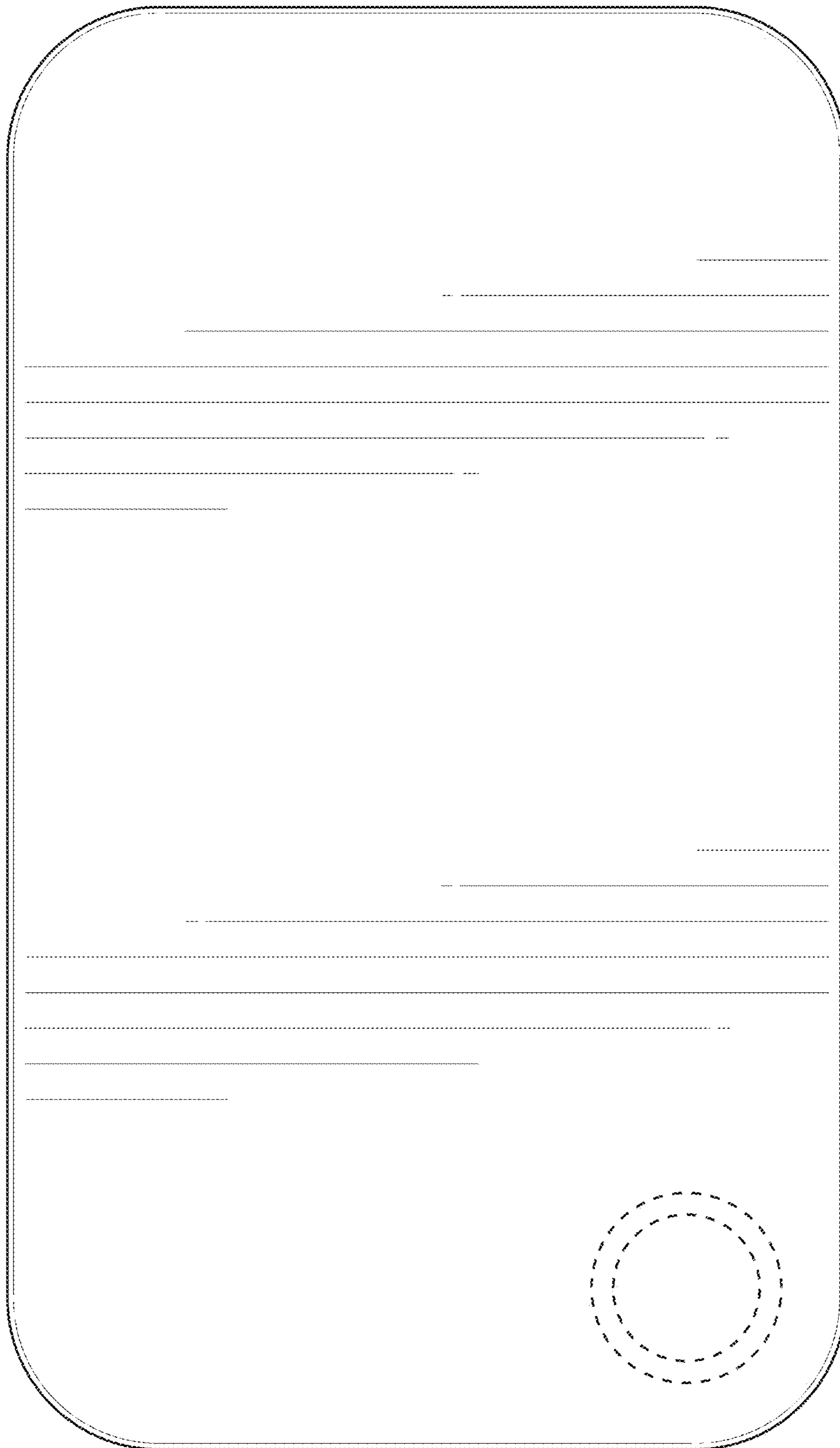
\* cited by examiner



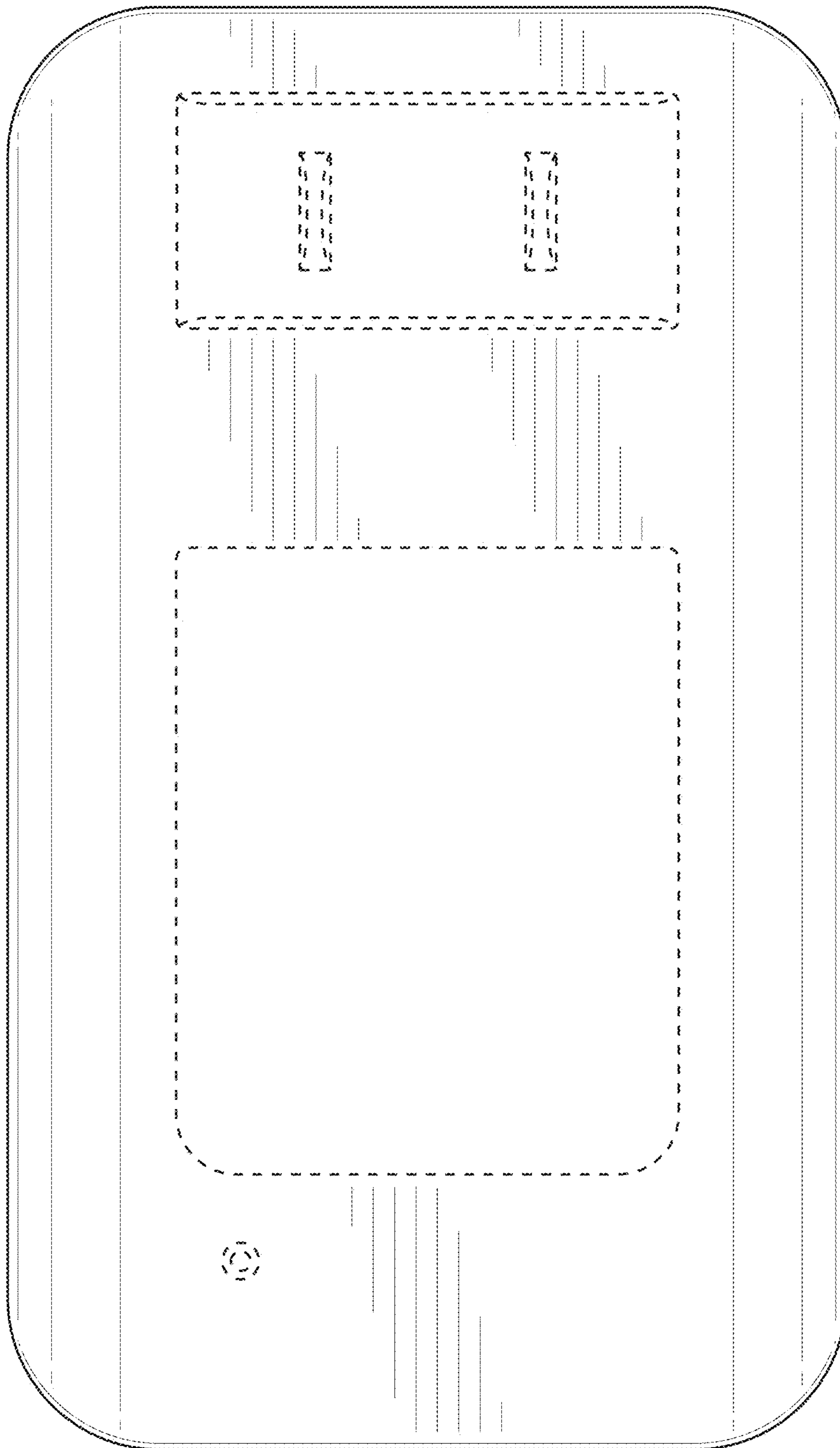
**FIG. 1**



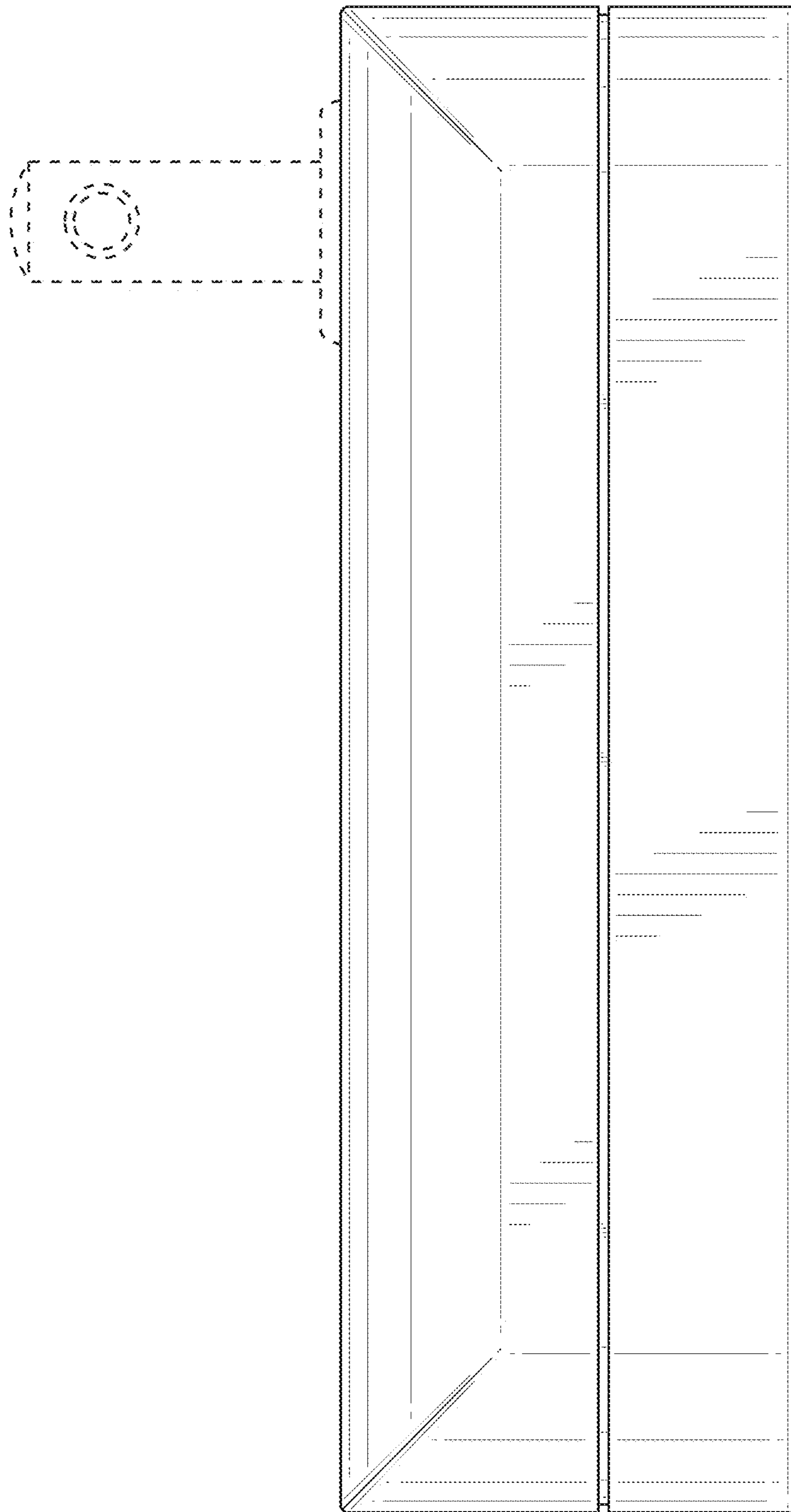
**FIG. 2**



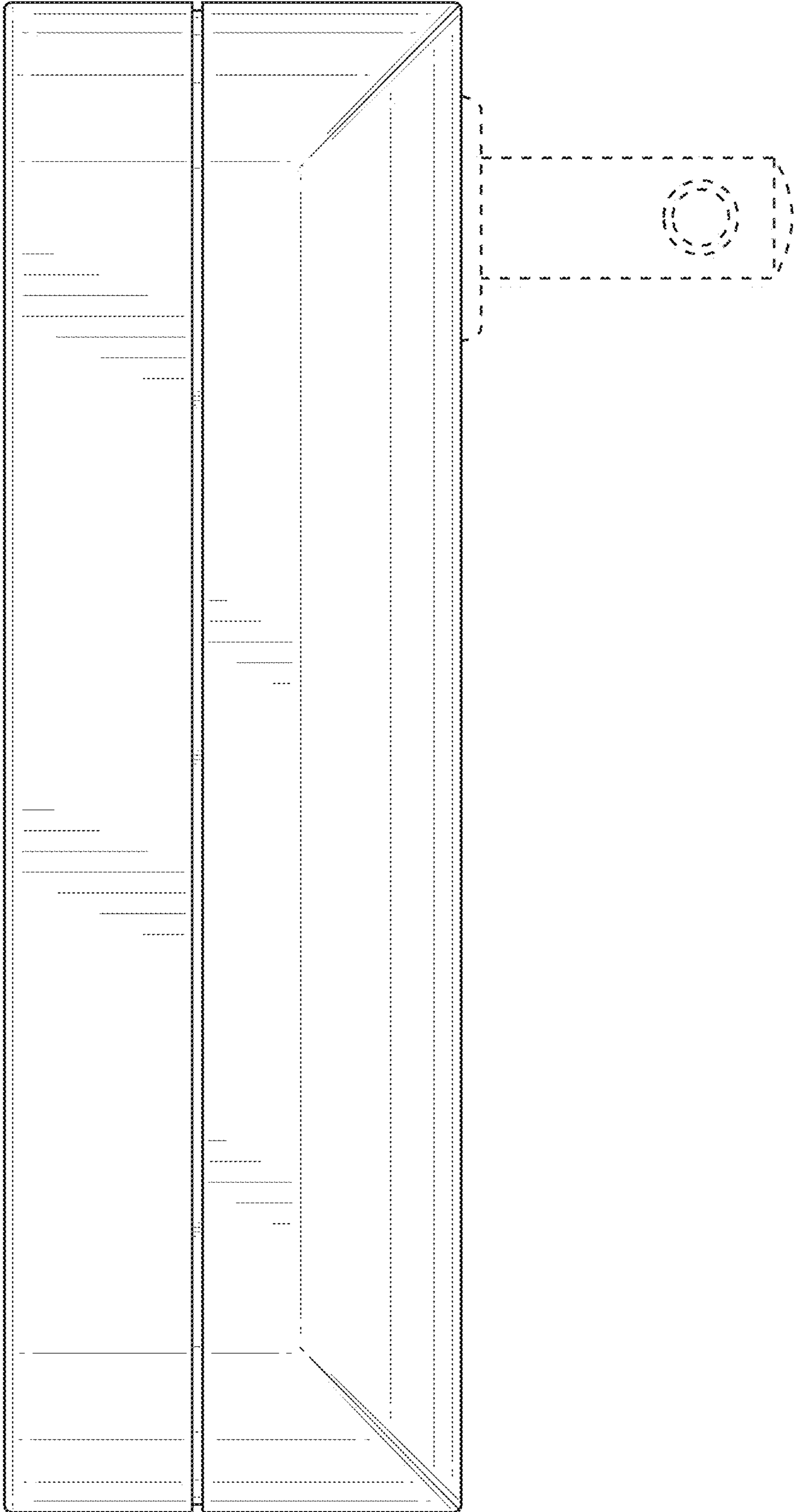
**FIG. 3**



**FIG. 4**

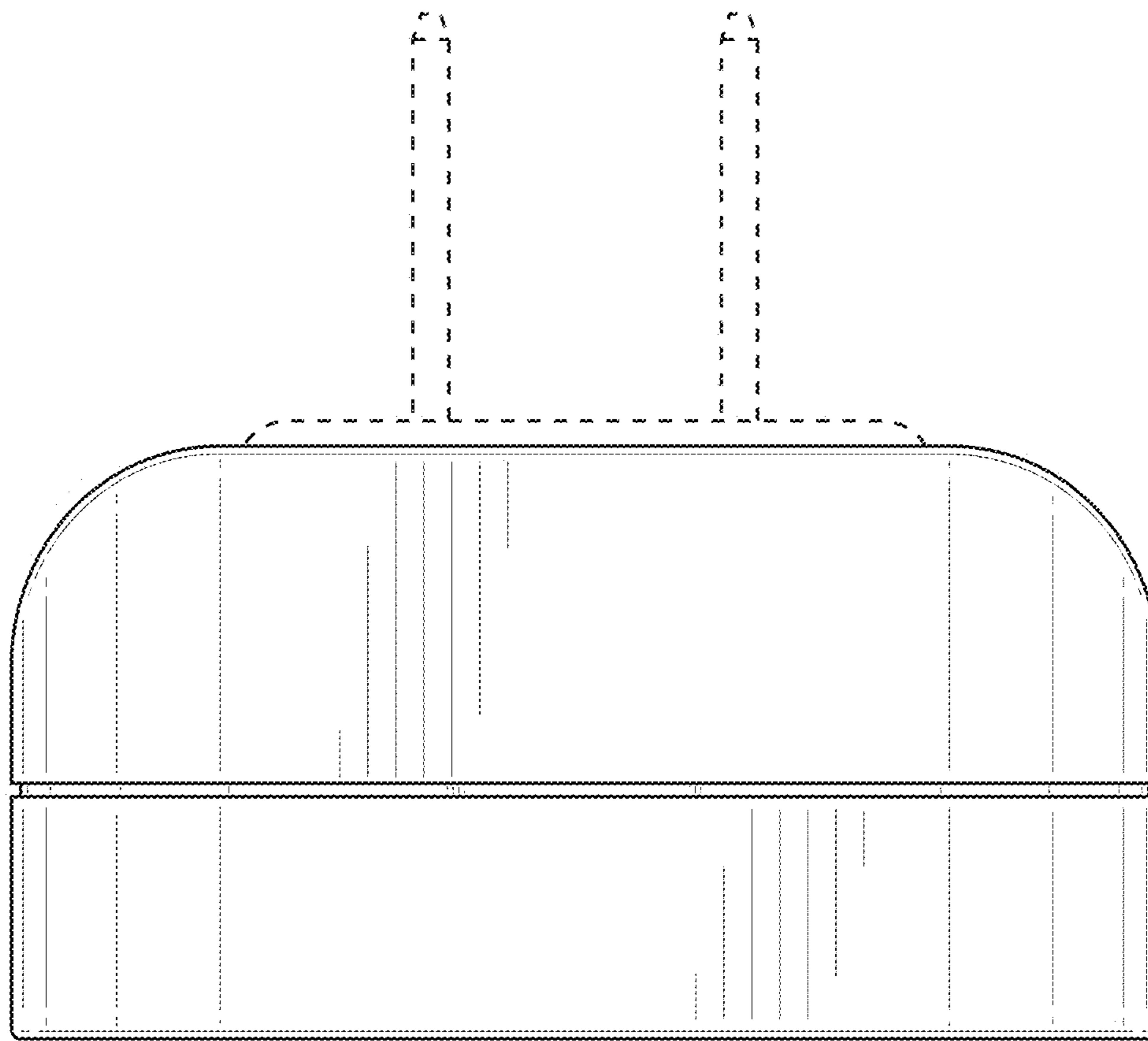


**FIG. 5**

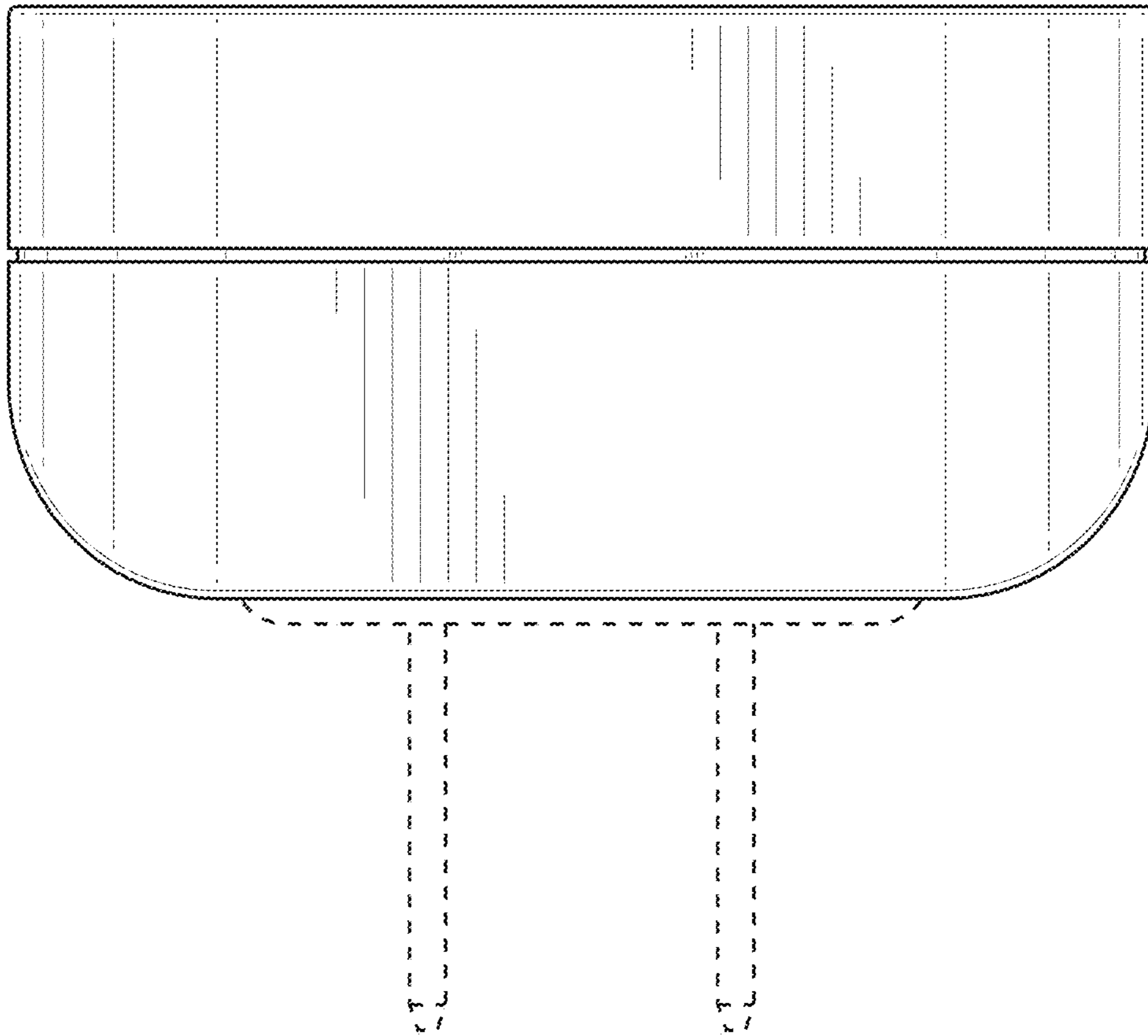


**FIG. 6**





**FIG. 7**



**FIG. 8**