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

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(54) **TERMINAL FOR DIGITAL MOTOR PROTECTION RELAY**

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(52) **U.S. Cl.**
USPC **D13/159**

(58) **Field of Classification Search**
USPC D13/110, 112, 122, 123, 156, 158-162.1, D13/173, 177, 178, 184, 199; D10/50, D10/99, 100

CPC H01H 9/00; H01H 71/00; H01H 71/02; H01H 71/12; H01H 1/06; H01H 1/20; H01H 3/32; H01H 9/02; H01H 9/28; H01H 50/44; H01H 21/04; H01H 21/22; H01H 33/02; H01H 33/08; H01H 33/10; H01H 33/18; H01H 36/00; H01H 47/00; H01H 50/14; H01H 50/16; H05K 7/00; H05K 7/14; H05K 7/18; H05K 7/20; H01R 4/26; H01R 4/48; H01R 25/00; H02H 6/00; H02H 7/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D268,252 S * 3/1983 Chambers D10/2
D602,382 S * 10/2009 Kennedy D10/50

D608,296 S * 1/2010 Shin D13/159
D656,119 S * 3/2012 Taniguchi D14/140.2
D716,752 S * 11/2014 Katori D10/50
D719,094 S * 12/2014 Gao D13/118
D724,545 S * 3/2015 Shin D13/159
D731,442 S * 6/2015 Santiago D13/162
D738,753 S * 9/2015 Edgar D10/50
D785,573 S * 5/2017 Yu D13/162

(Continued)

OTHER PUBLICATIONS

EE Publishers; Electronic motor protection relay, dated May 2, 2017, [online], [site visited May 22, 2018]. Available from Internet, <URL:http://www.ee.co.za/article/electronic-nmotor-protection-relay-real-time-high-reliability-nmotor-protection.html> (Year: 2017).*

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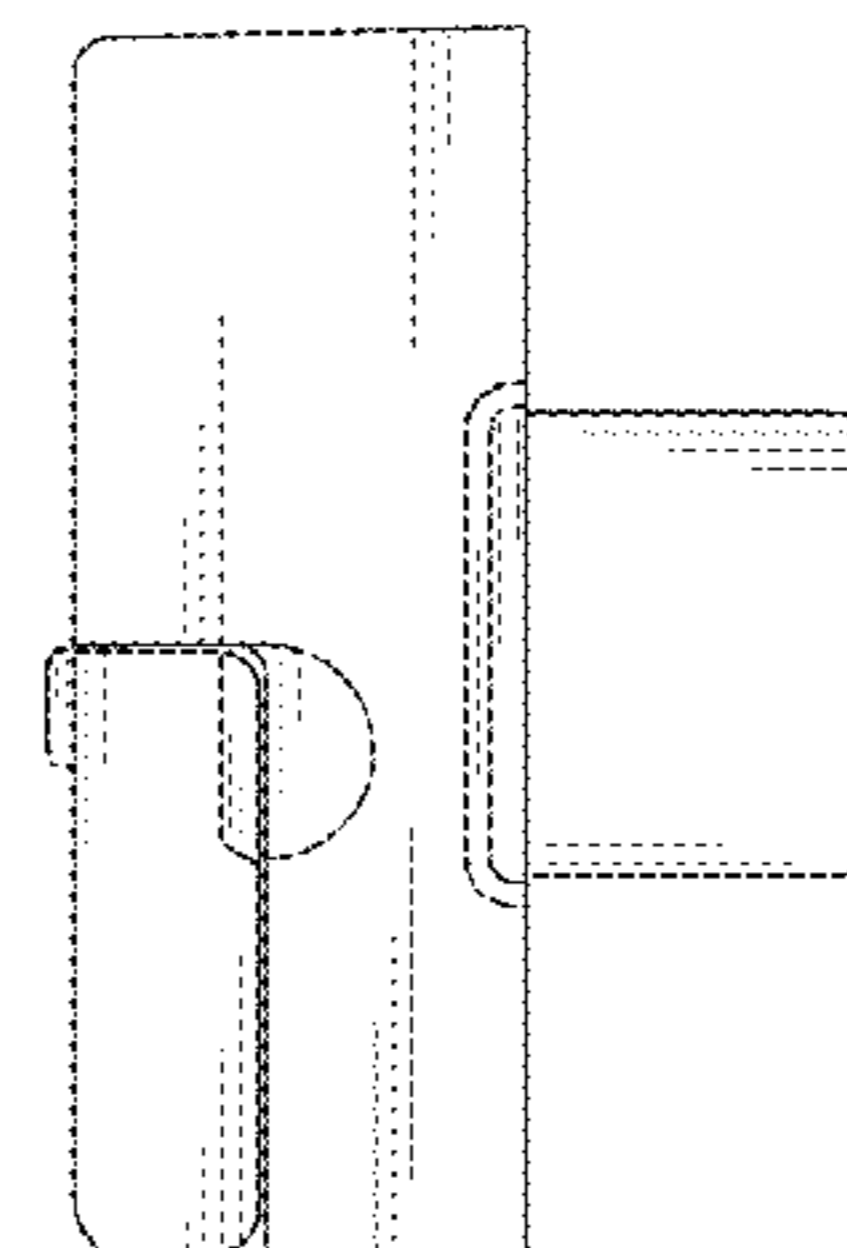
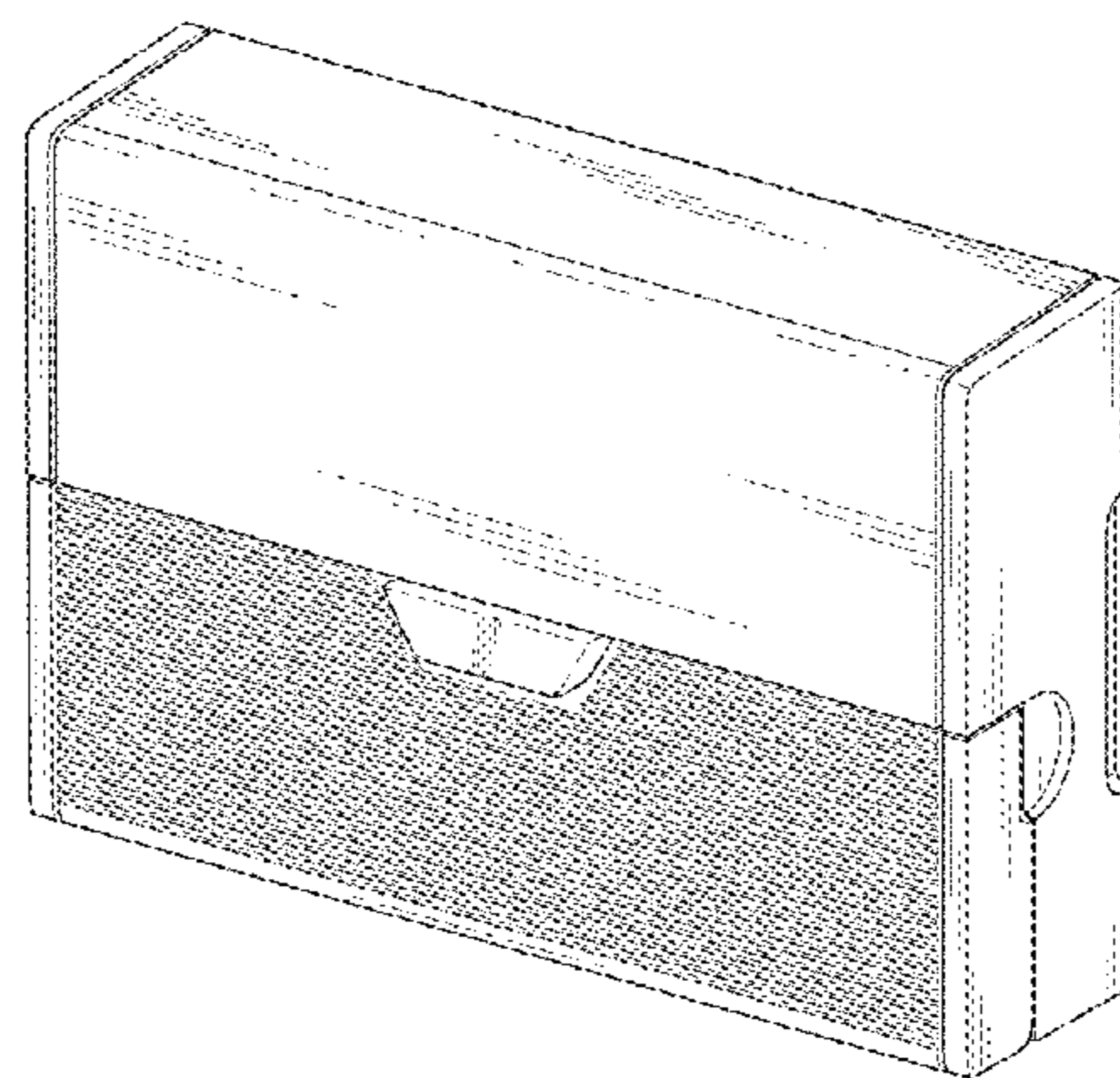
(57) **CLAIM**

The ornamental design for a terminal for digital motor protection relay, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a terminal for digital motor protection relay showing the new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left-side elevation view thereof; FIG. 5 is a right-side elevation view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a perspective view thereof in a use condition. The broken lines shown in FIG. 8 are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D810,599 S * 2/2018 Cho D10/100
D817,275 S * 5/2018 Yeh D13/110

* cited by examiner

FIG. 1

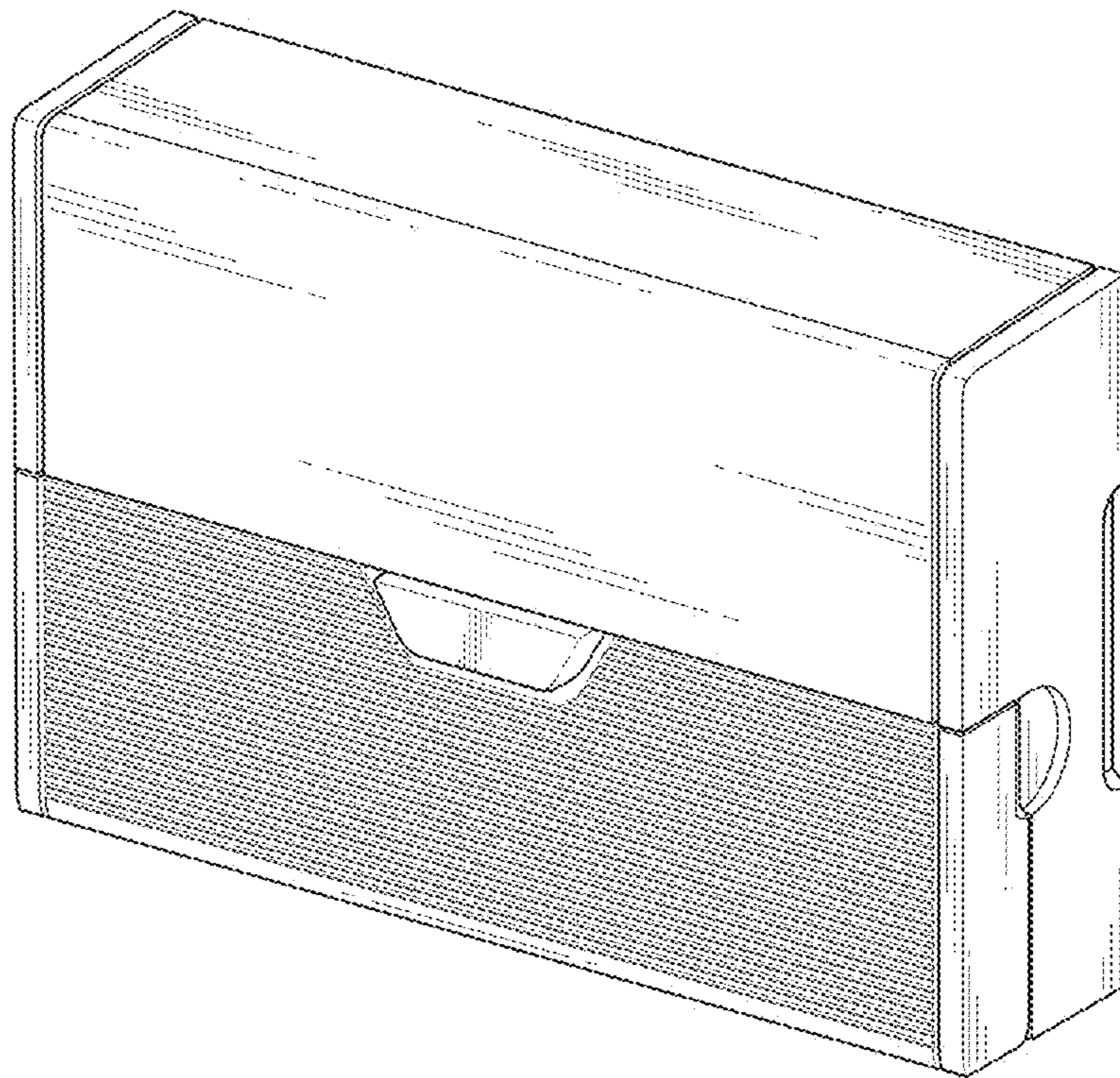


FIG. 2

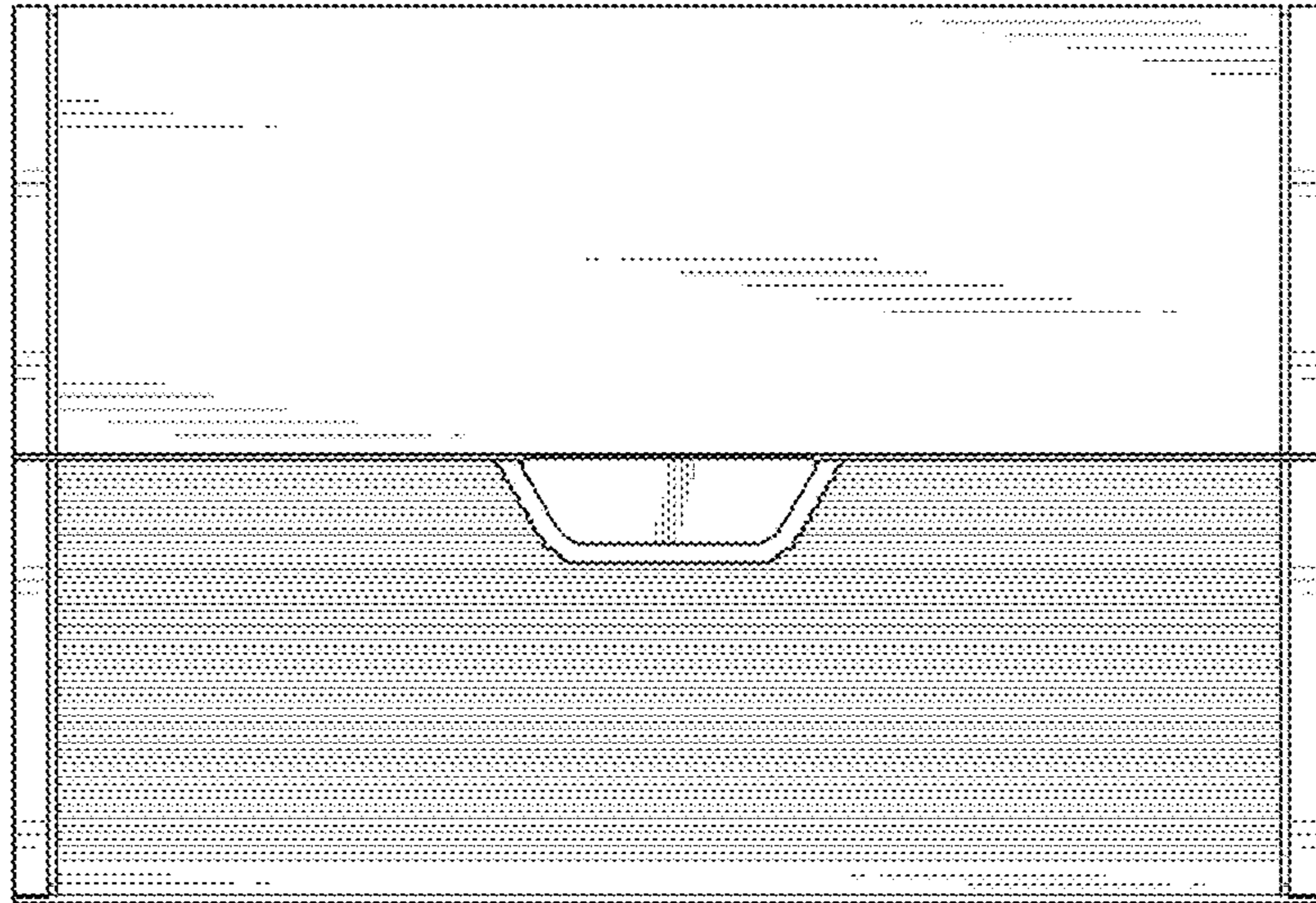


FIG. 3

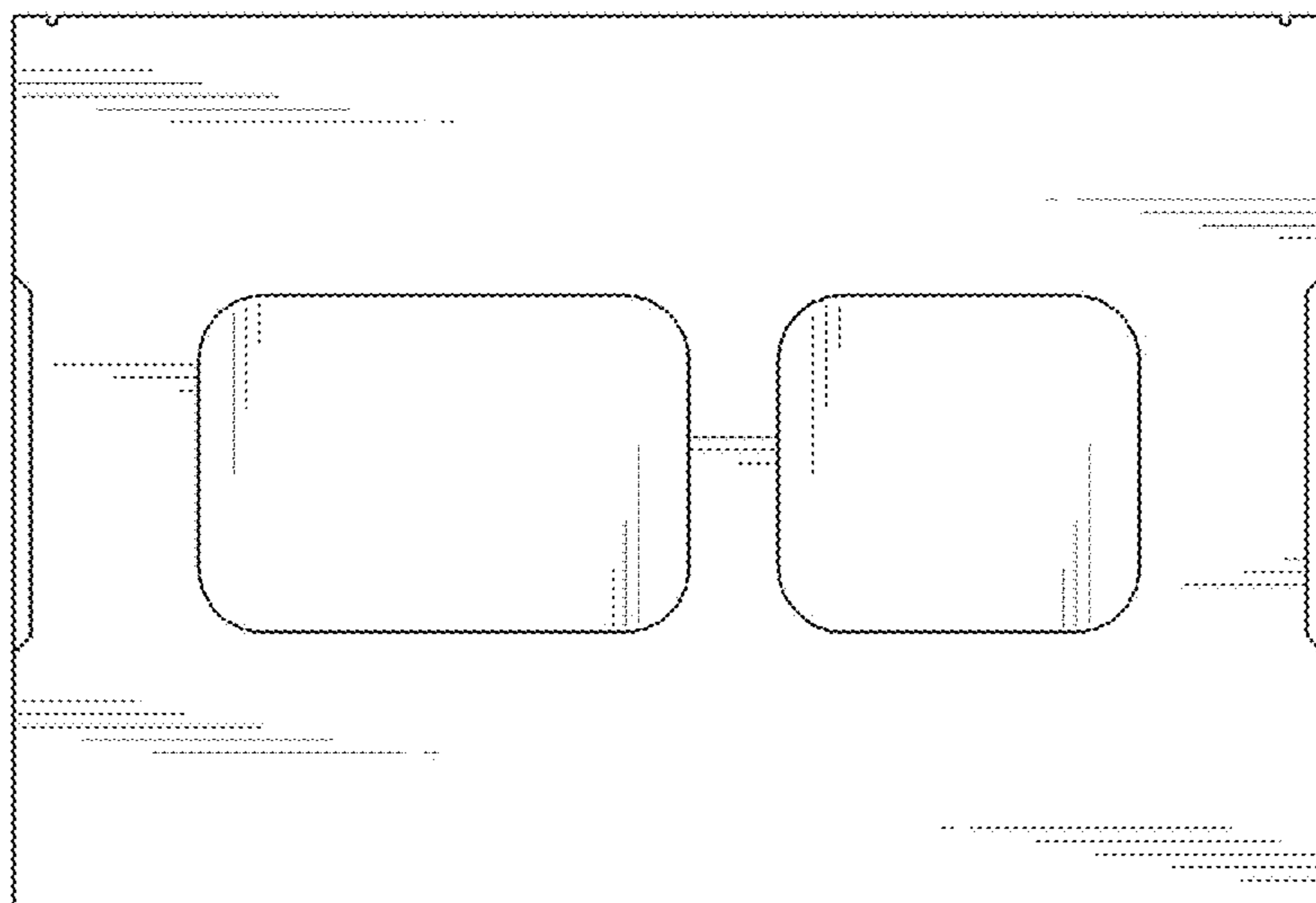


FIG. 4

FIG. 5

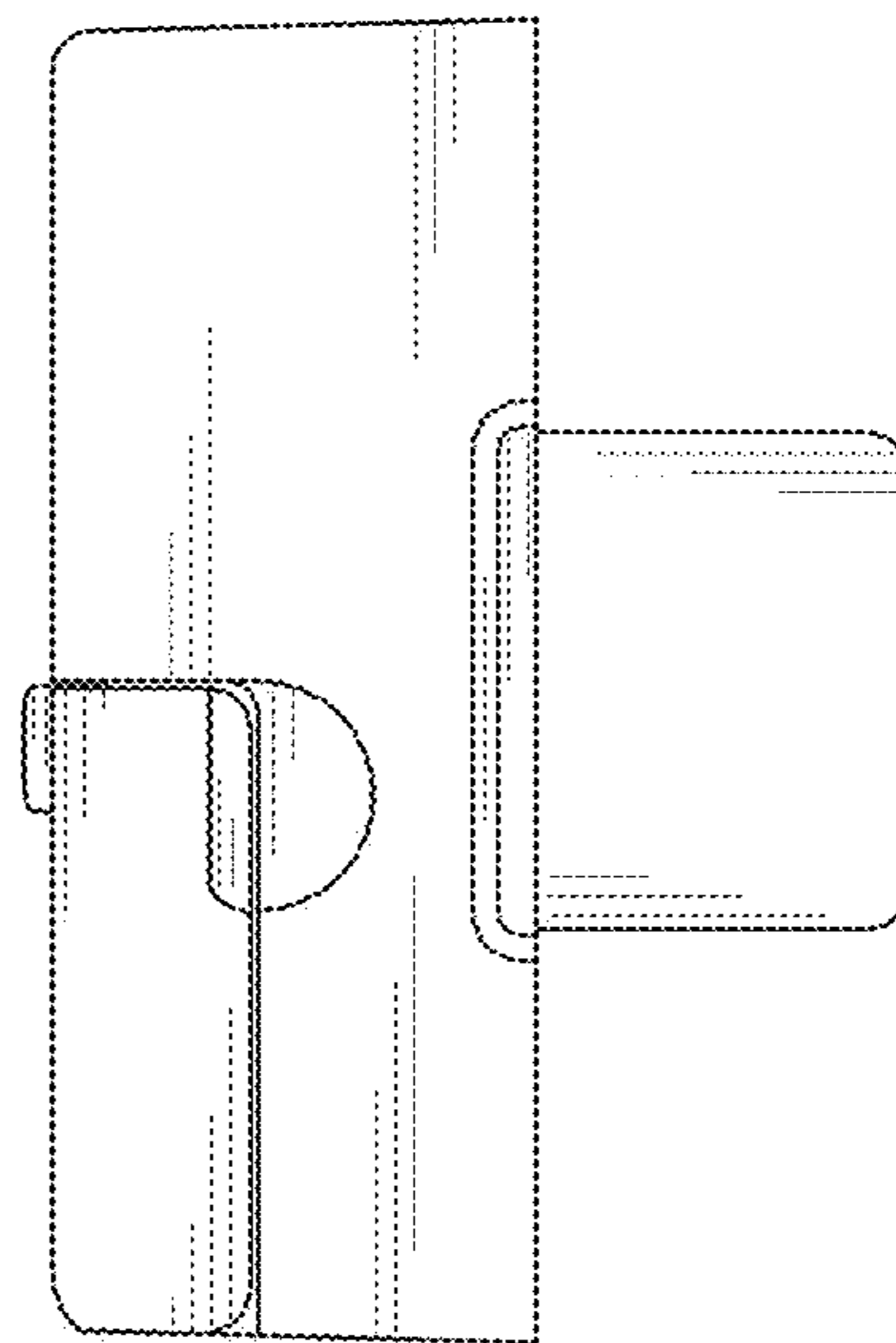
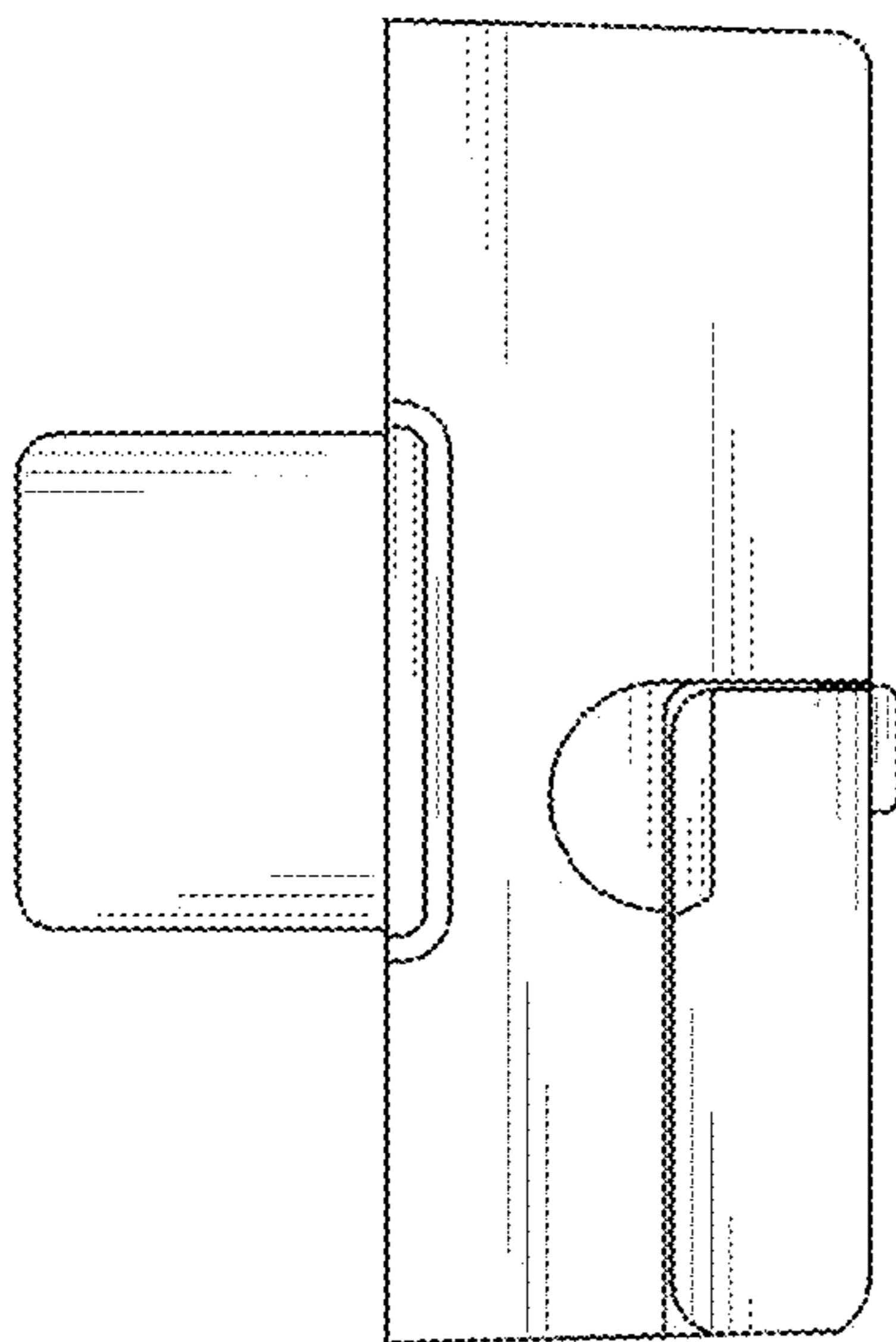


FIG. 6

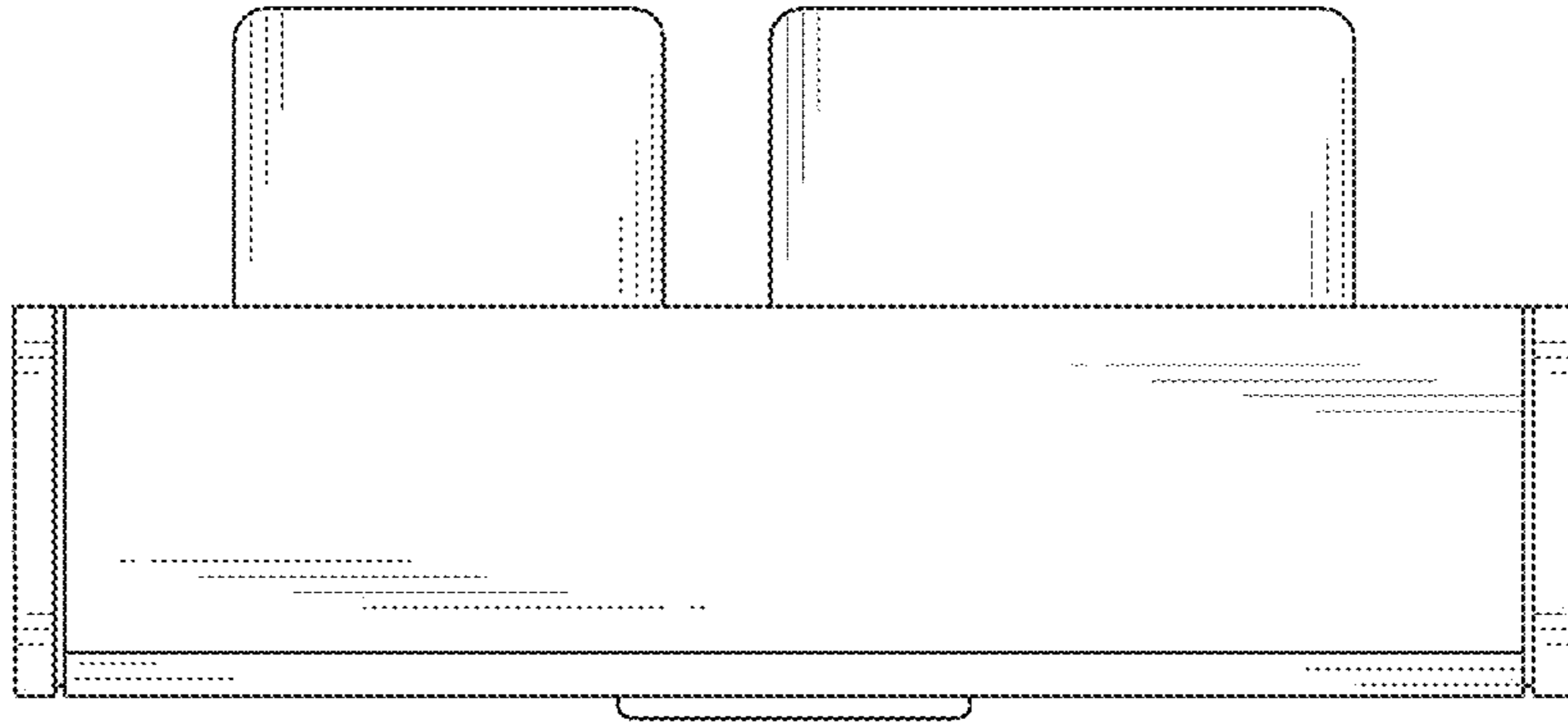


FIG. 7

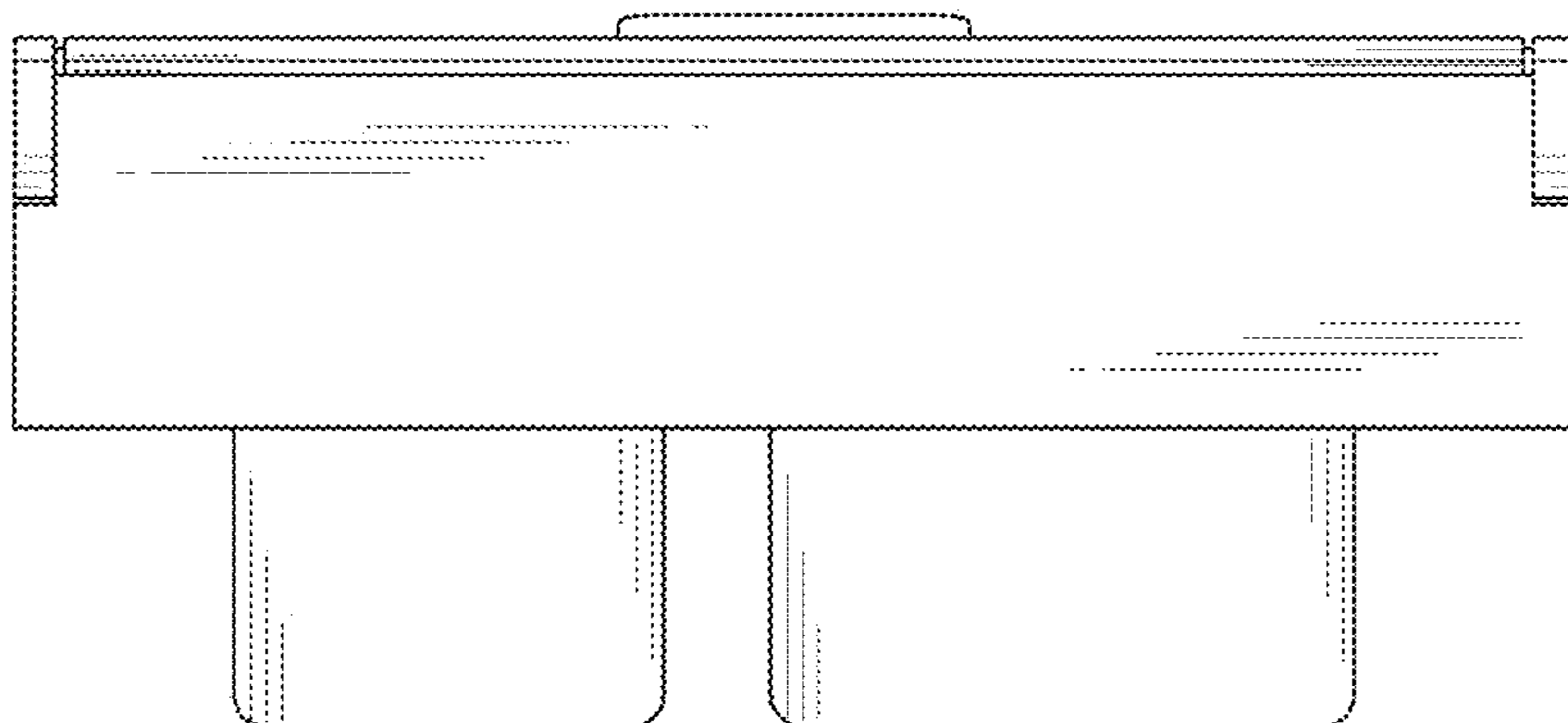


FIG. 8

