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(12) **United States Design Patent**
Owens et al.

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(54) **HEATER**

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

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(51) **LOC (13) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/341**

(58) **Field of Classification Search**
USPC D23/314, 322, 332, 338, 341, 347, 335;
D7/407, 323, 346, 359, 362, 363, 367,
D7/213
CPC A47J 47/14; A47J 47/145; A47J 41/0066;
A47J 41/0083; A47J 41/00; A47J 39/02;
B65D 81/38; B65D 81/3484; B65D 81/34
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,436,097 A * 2/1948 Clarke A47J 47/14
206/541
4,751,911 A * 6/1988 Betts A47J 37/01
126/261
4,788,905 A * 12/1988 Von Kohorn A47J 37/0781
126/25 R
6,384,387 B1 * 5/2002 Owens A47J 36/2483
219/387
6,433,313 B1 * 8/2002 Owens A47J 47/145
219/387
D574,070 S * 7/2008 Dabrowski D23/332

D602,140 S * 10/2009 Thomas D23/343
D631,953 S * 2/2011 Backes D23/343
2007/0278207 A1 * 12/2007 Van Hoy A47J 47/14
219/387
2010/0089902 A1 * 4/2010 Wong H05B 3/68
219/387
2012/0260905 A1 * 10/2012 Jensen F23D 3/40
126/512
2014/0338585 A1 * 11/2014 McBride B63B 29/04
114/364
2015/0335202 A1 * 11/2015 Wisner H05B 3/686
392/346
2020/0229645 A1 * 7/2020 Karsten A47J 47/145

* cited by examiner

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top perspective view of a heater showing our new design;

FIG. 2 is a bottom perspective view thereof;

FIG. 3 is a first side view thereof, where the side view opposite the view of FIG. 3 is identical to FIG. 3;

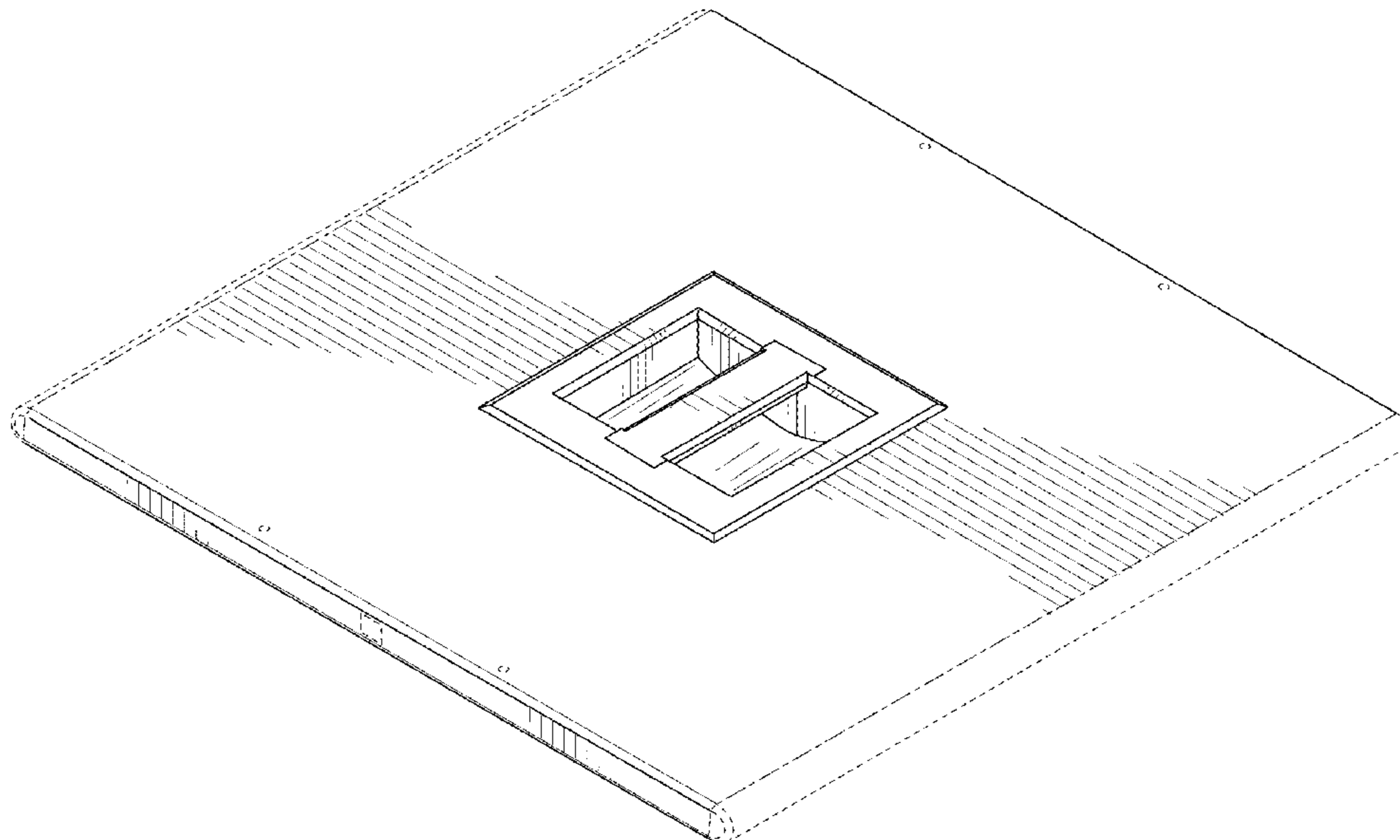
FIG. 4 is a second side view thereof, where the side view opposite the view of FIG. 4 is identical to FIG. 4;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof, opposite the view of FIG. 5.

The evenly spaced broken lines depict portions of the heater that form no part of the claimed design; the dash-dot broken lines define the boundary of the claimed design and form no part thereof.

1 Claim, 5 Drawing Sheets



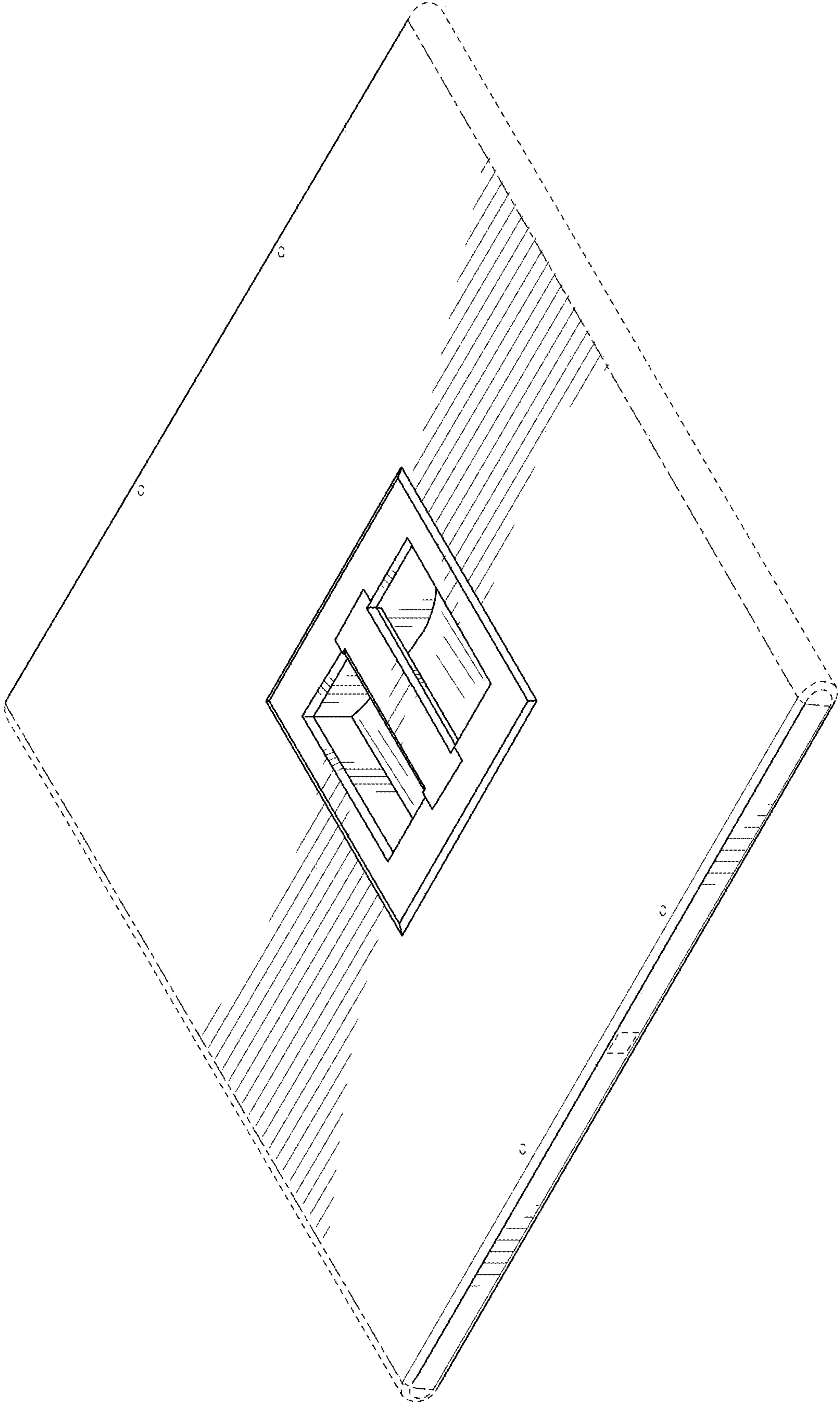


FIG. 1

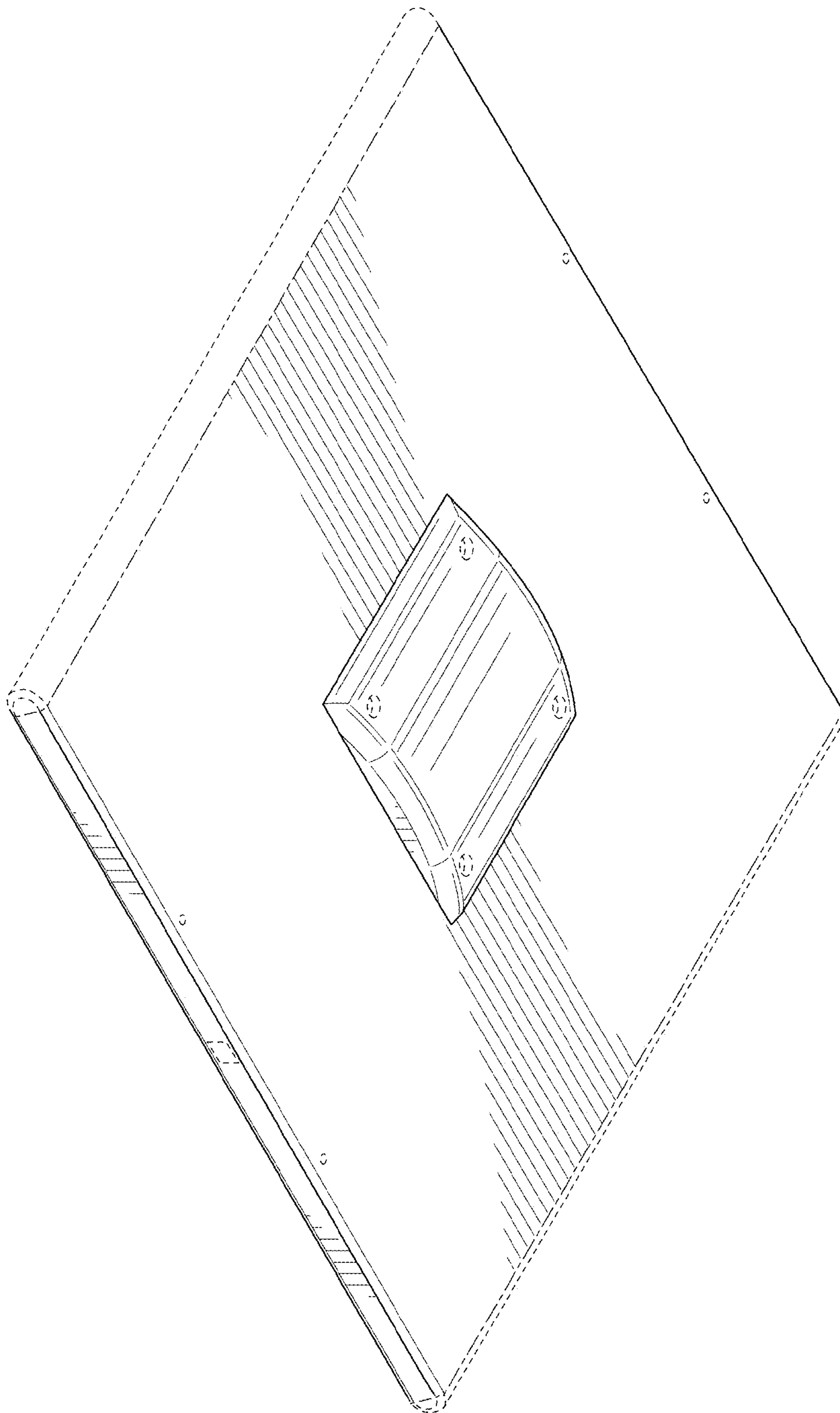


FIG. 2

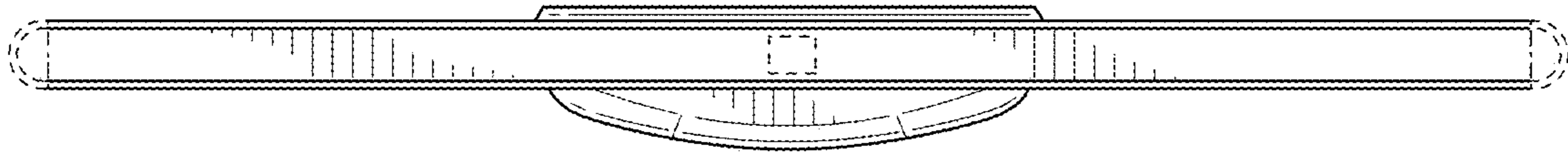


FIG. 3

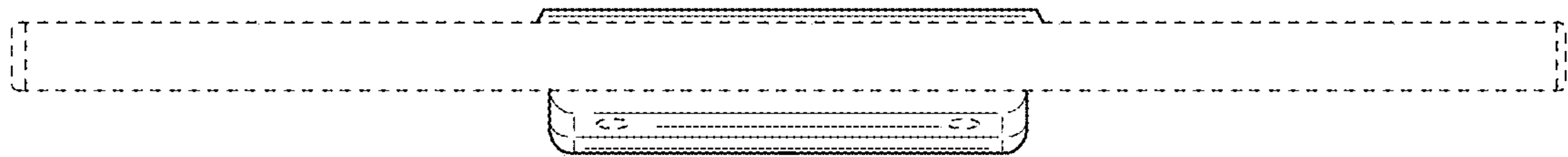


FIG. 4

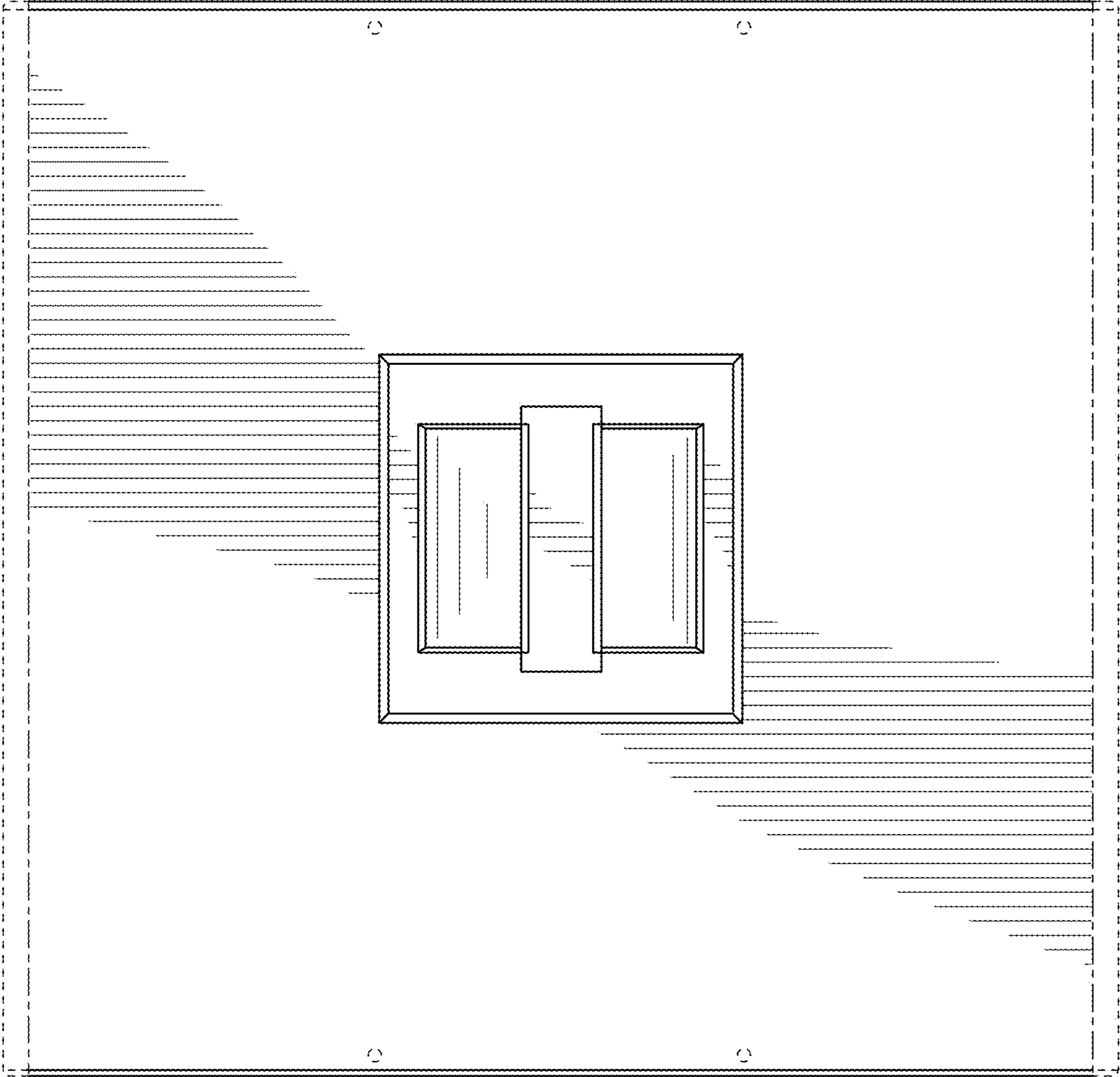


FIG. 5

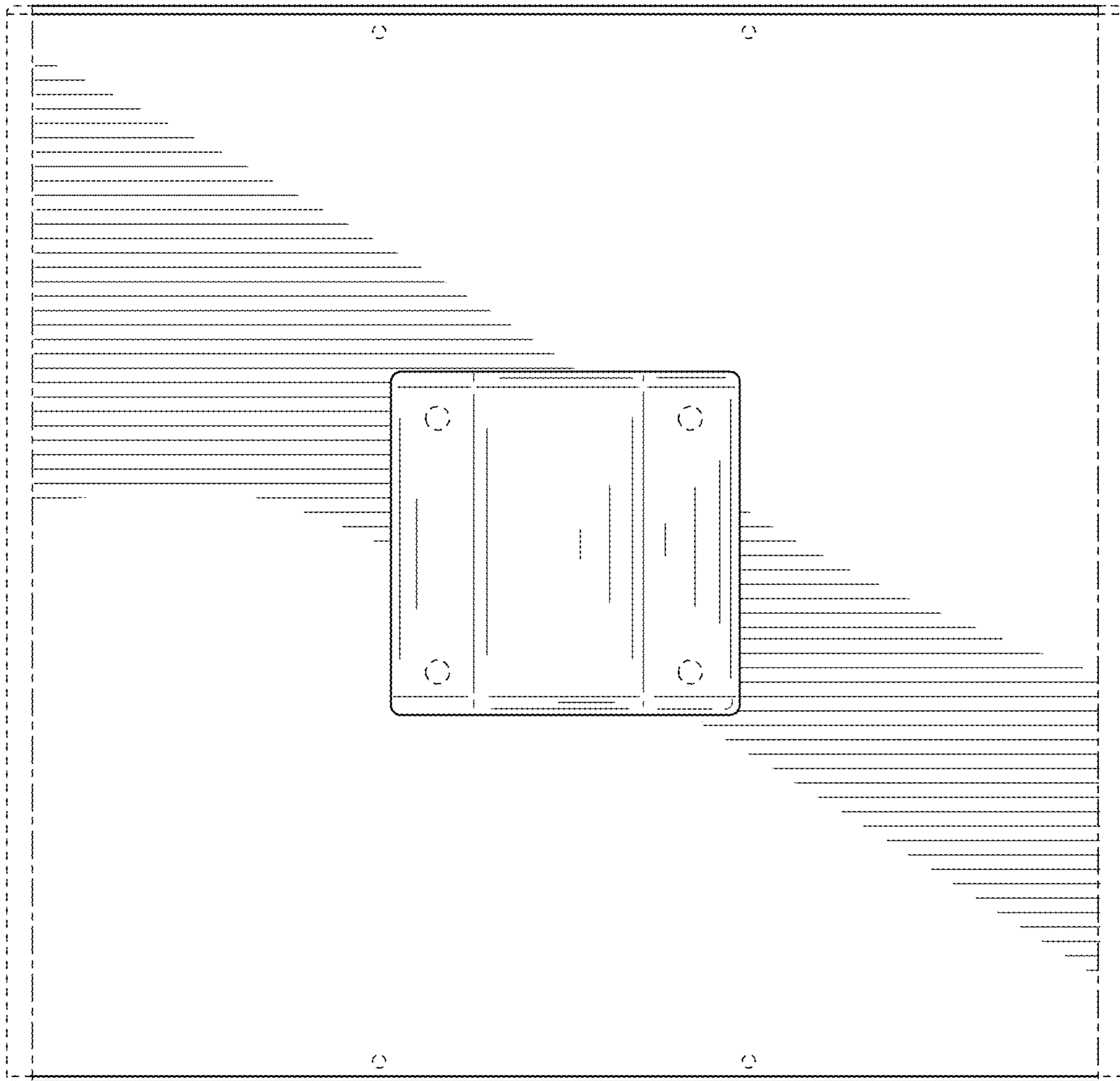


FIG. 6