

US00D870044S

(12) **United States Design Patent** (10) **Patent No.:** **US D870,044 S**
Kobayashi (45) **Date of Patent:** **** Dec. 17, 2019**

(54) **BRUSHLESS MOTOR**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **13-01**

(52) **U.S. Cl.**
USPC **D13/112**

(58) **Field of Classification Search**

USPC D13/112, 110, 113, 114, 120, 122, 123, D13/162, 184, 199; D15/3, 5, 199
CPC H01L 2924/00; H01L 2924/0002; H02M 7/217; H02K 5/225; H02K 11/33; H02K 23/52; H02K 25/00; H02K 47/00; H02K 47/02; H02K 47/06; H02K 47/08; H02K 47/10; H02K 47/12; H02K 47/14; H02K 47/16; H02K 47/18; H02K 47/20

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D360,615 S * 7/1995 Sakashita D13/112
D526,973 S * 8/2006 Gates D13/168
D556,961 S * 12/2007 Swyst D15/199

D709,450 S * 7/2014 Tanabe D13/112
D709,451 S * 7/2014 Tanabe D13/112
D710,801 S * 8/2014 Tanaka D13/112
D786,794 S * 5/2017 McCormick D13/112
D790,467 S * 6/2017 Marth D13/112
2002/0195896 A1 * 12/2002 Sun H02K 21/24 310/156.32
2016/0248296 A1 * 8/2016 Nakano H02K 5/1732
2017/0246665 A1 * 8/2017 Mori H02K 11/30
2018/0048218 A1 * 2/2018 Im H02K 11/33
2018/0219434 A1 * 8/2018 Patterson H02K 1/2793

FOREIGN PATENT DOCUMENTS

JP D1580830 * 6/2017

* cited by examiner

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(57) **CLAIM**

The ornamental design for a brushless motor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of brushless motor showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

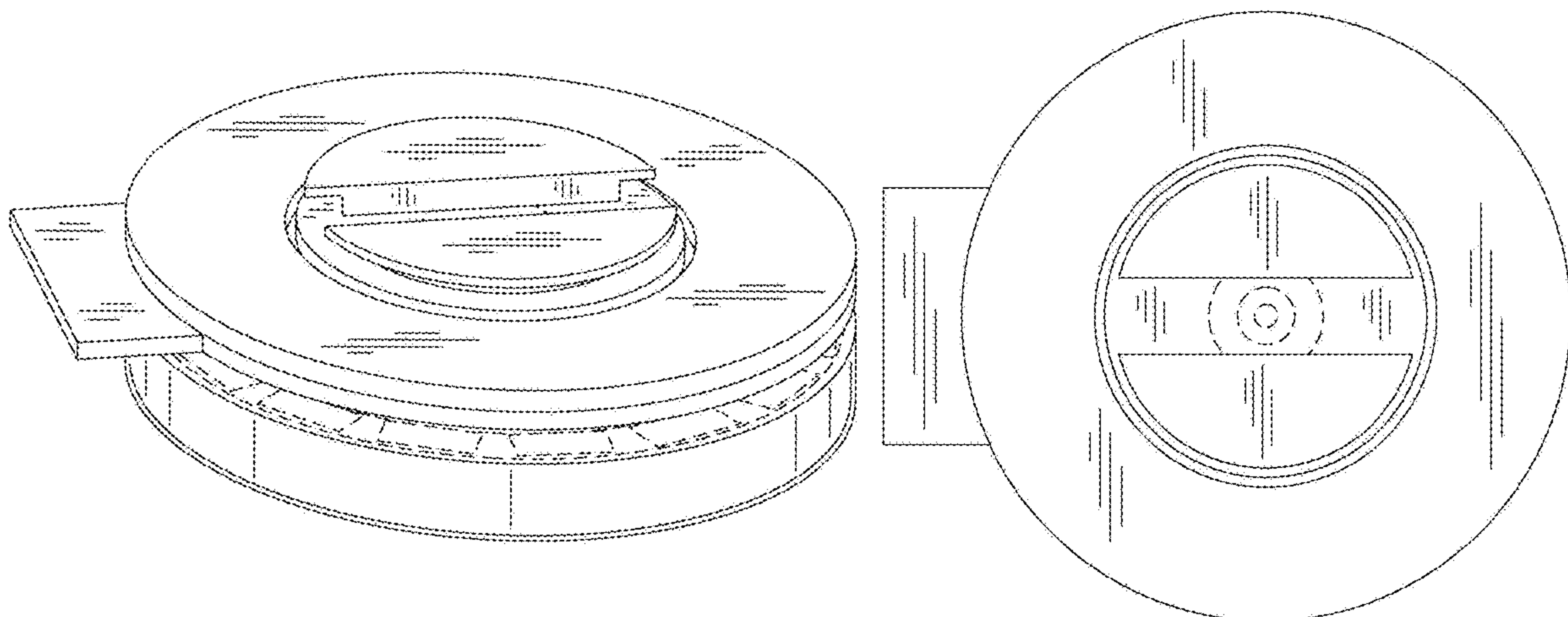
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets



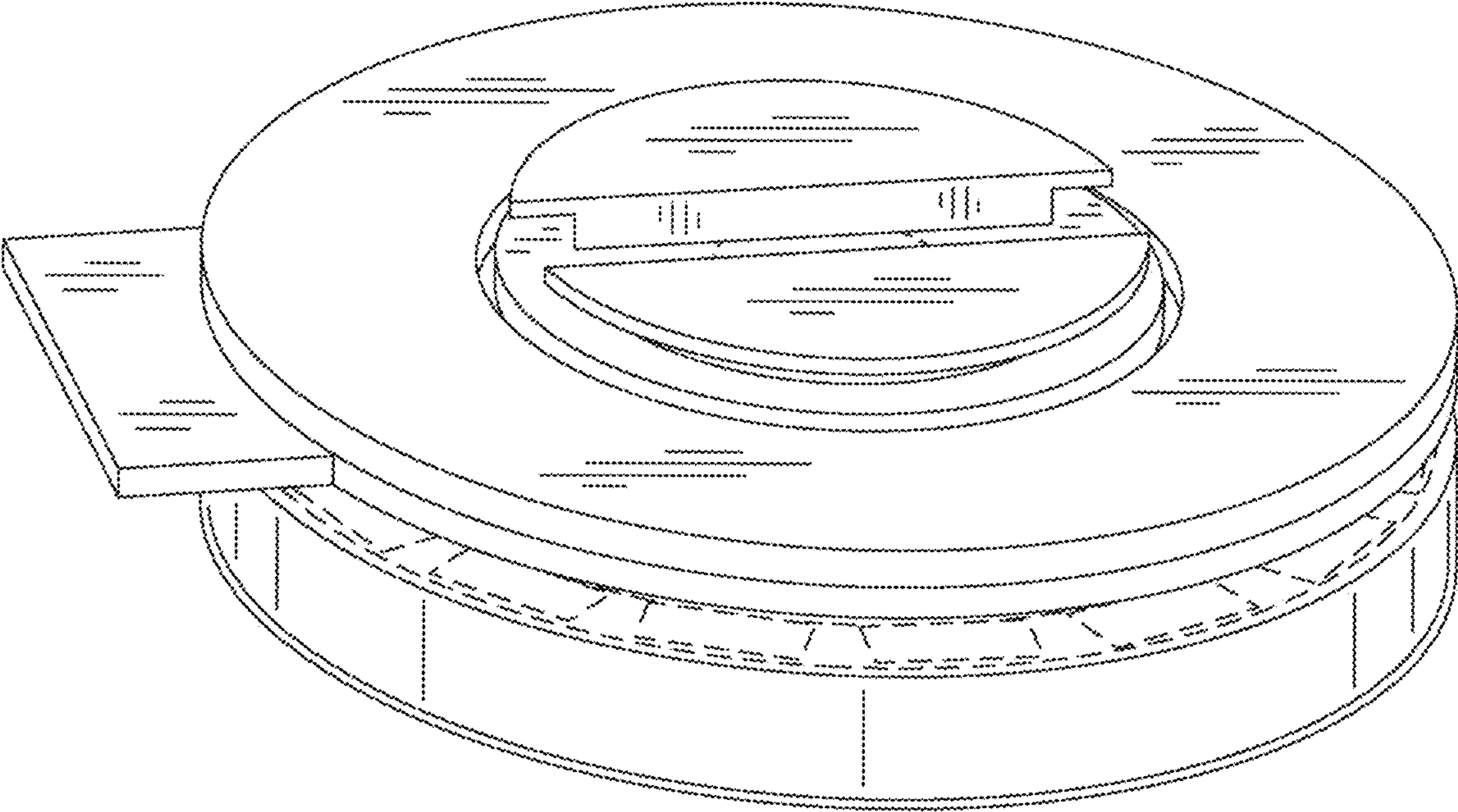


FIG. 1

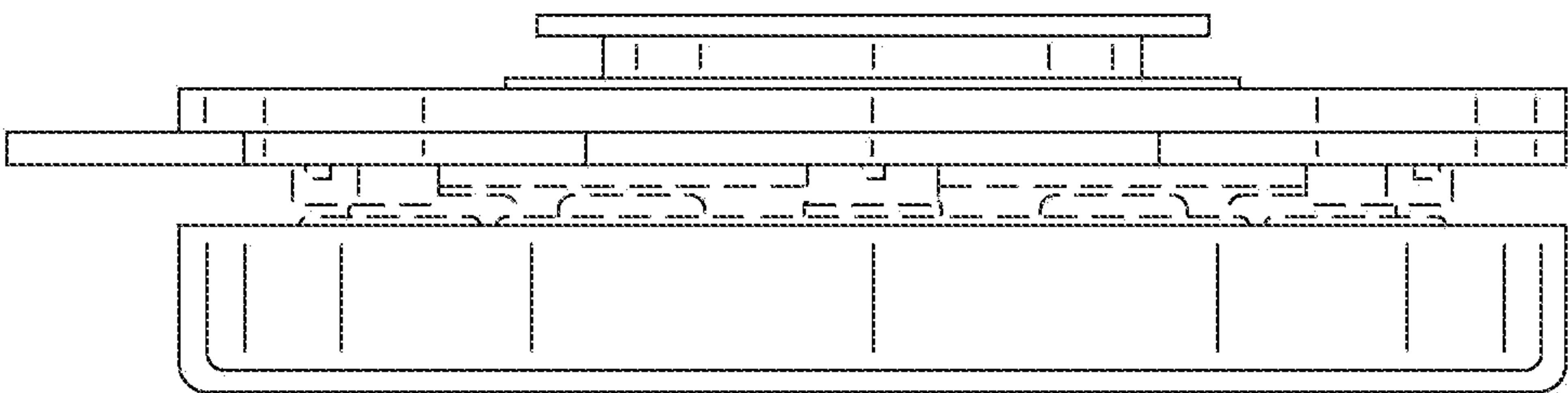


FIG. 2

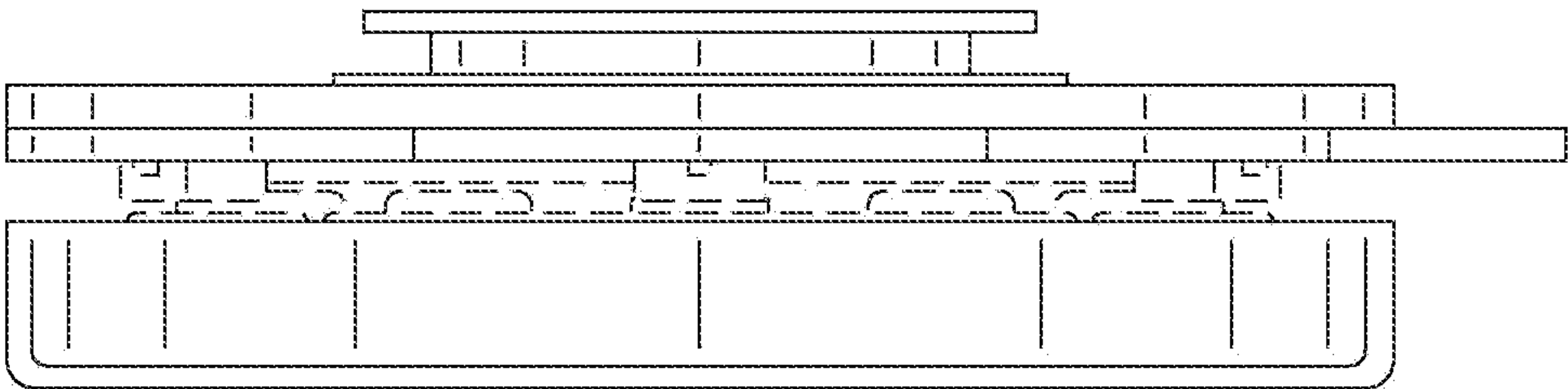


FIG. 3

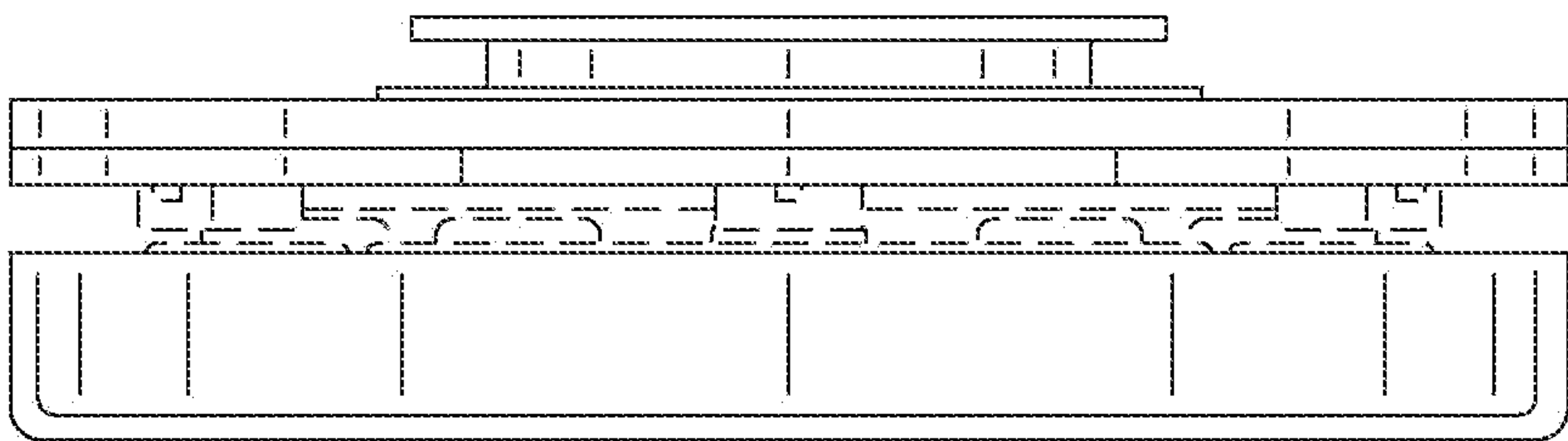


FIG. 4

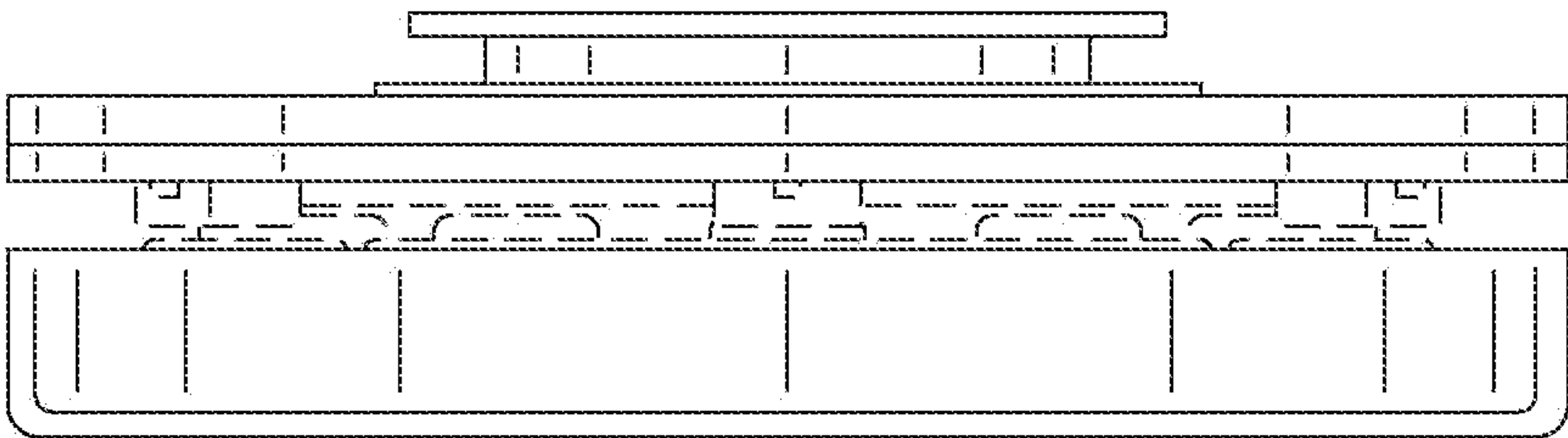


FIG. 5

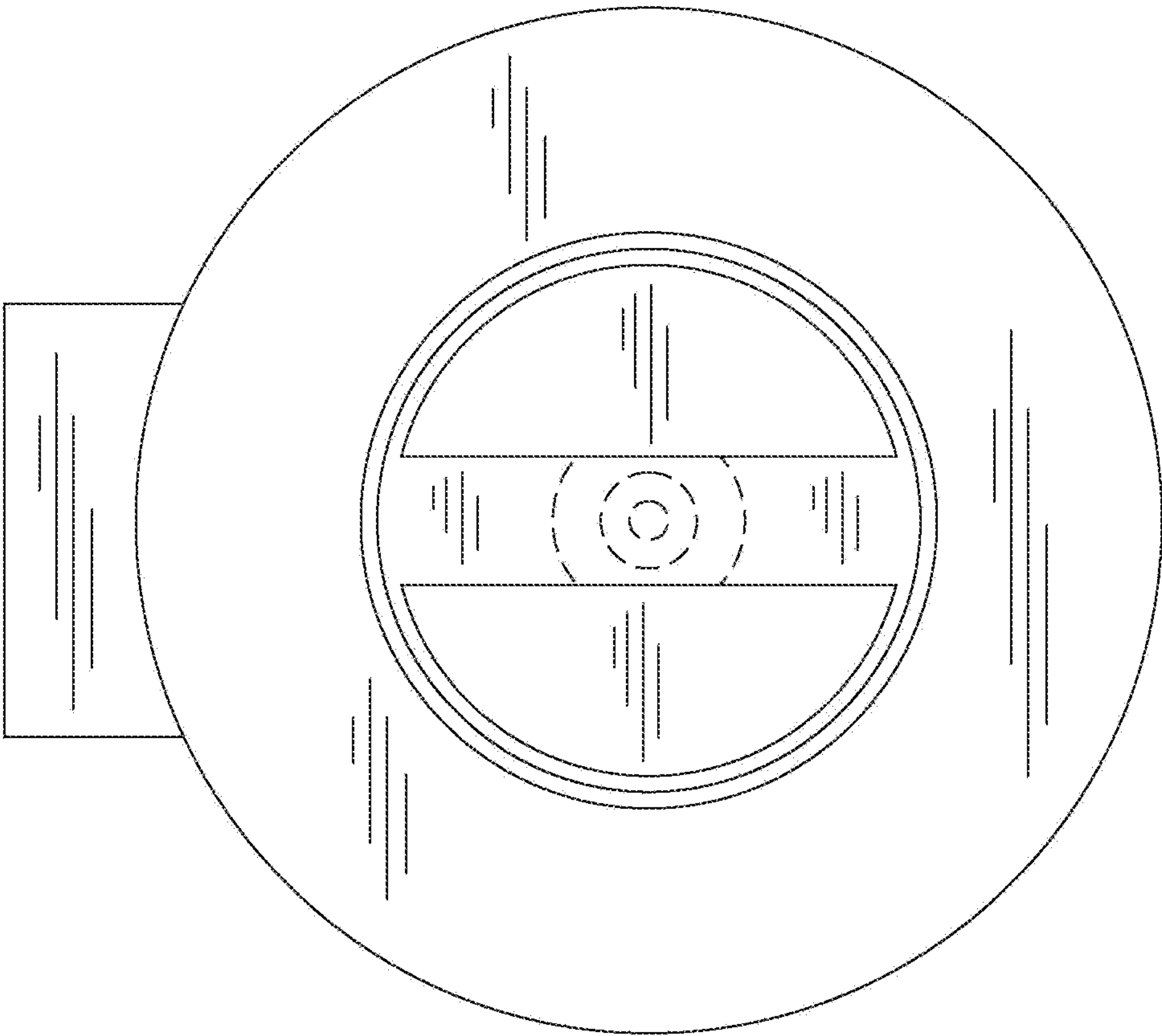


FIG. 6

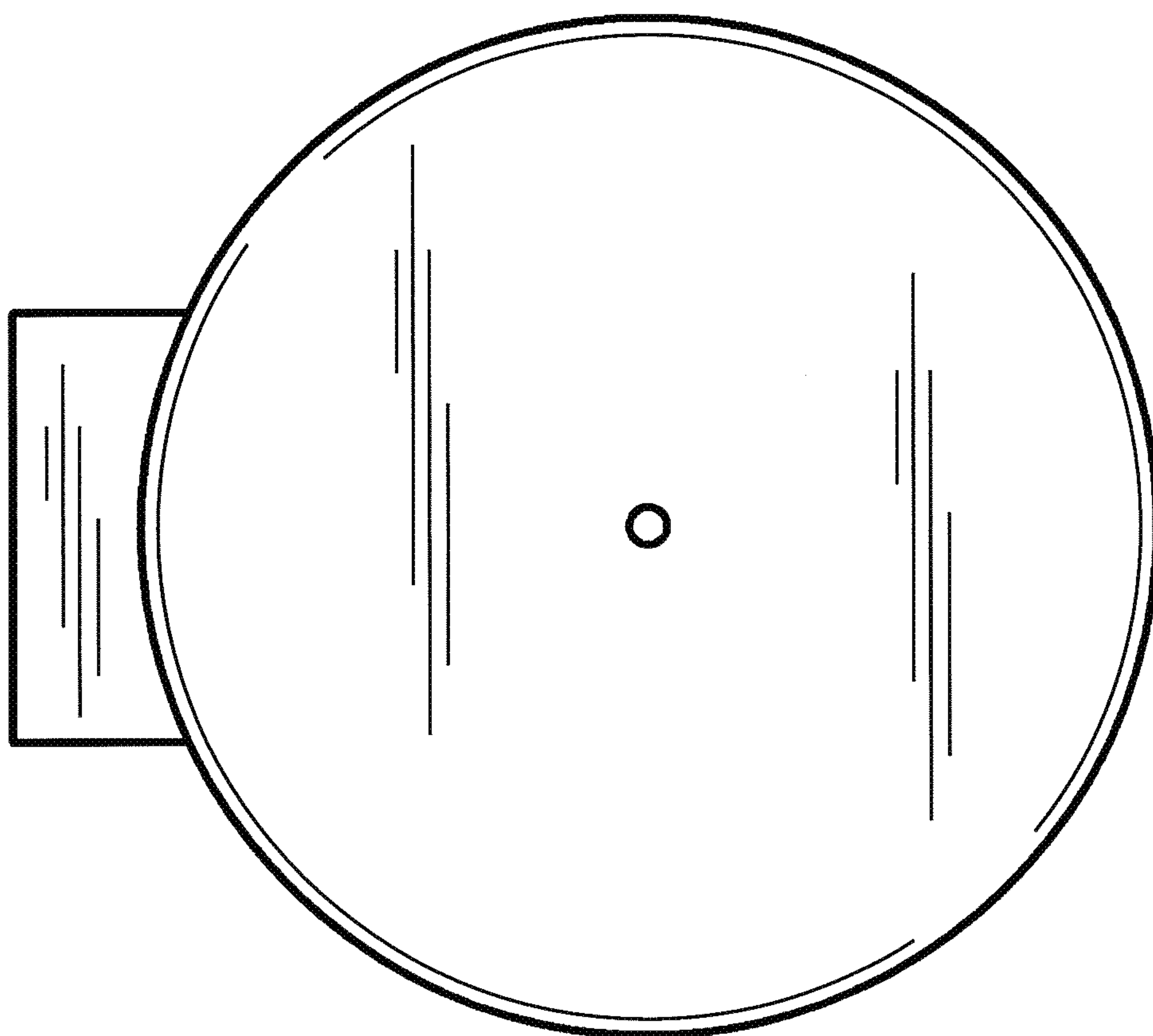


FIG. 7