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

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(45) **Date of Patent:** **** Feb. 19, 2013**

(54) **BIOCHEMICAL ANALYZER SYSTEM**

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(73) Assignee: **Shenzhen Mindray Bio-Medical Electronics Co., Ltd.**, Shenzhen (CN)

(**) Term: **14 Years**

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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Feb. 10, 2010 (CN) 2010 3 0110148

(51) **LOC (9) Cl.** **24-01**

(52) **U.S. Cl.** **D24/216**

(58) **Field of Classification Search** D24/216,
D24/217, 219, 223–226, 231, 232, 107, 169,
D24/186; D10/81; 422/500, 547, 62–65,
422/67; 435/287.1, 287.3; 436/43, 45, 47
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,459,265 A * 7/1984 Berglund 422/64
D346,027 S * 4/1994 Kobayashi D24/186
D354,354 S * 1/1995 Yamashita et al. D24/186
D399,964 S * 10/1998 Katayama et al. D24/186
5,863,506 A * 1/1999 Farren 422/82.03
D406,901 S * 3/1999 Ditterline et al. D24/232
D474,416 S * 5/2003 Oonuma et al. D10/81
D560,131 S * 1/2008 Hu D10/81
D645,367 S * 9/2011 Hayashi et al. D10/81

* cited by examiner

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(57) **CLAIM**

The ornamental design for a biochemical analyzer system, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a biochemical analyzer system, which comprises a sample delivery module and an inner chemical analyzer that is positioned between the sample delivery module and the outer chemical analyzer;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a right side elevation view thereof;

FIG. 7 is a left side elevation view thereof;

FIG. 8 is another front perspective view thereof showing the first embodiment of a biochemical analyzer system in a first open state;

FIG. 9 is a rear perspective view thereof showing the first embodiment of a biochemical analyzer system in a second open state;

FIG. 10 is a front perspective view of an second embodiment of a biochemical analyzer system, which comprises a sample delivery module, an outer chemical analyzer, and two inner chemical analyzers that are positioned between the sample delivery module and the outer chemical analyzer, it being understood that remaining views of the second embodiment of a biochemical analyzer system are either identical to those of the first embodiment of a biochemical analyzer system (i.e., the right and left elevation views shown in FIGS. 6 and 7, respectively) or can be extrapolated from the remaining views of the first embodiment of a biochemical analyzer system by adding a duplicate of the inner chemical analyzer at a position that is between the inner chemical analyzer and the sample delivery module; and,

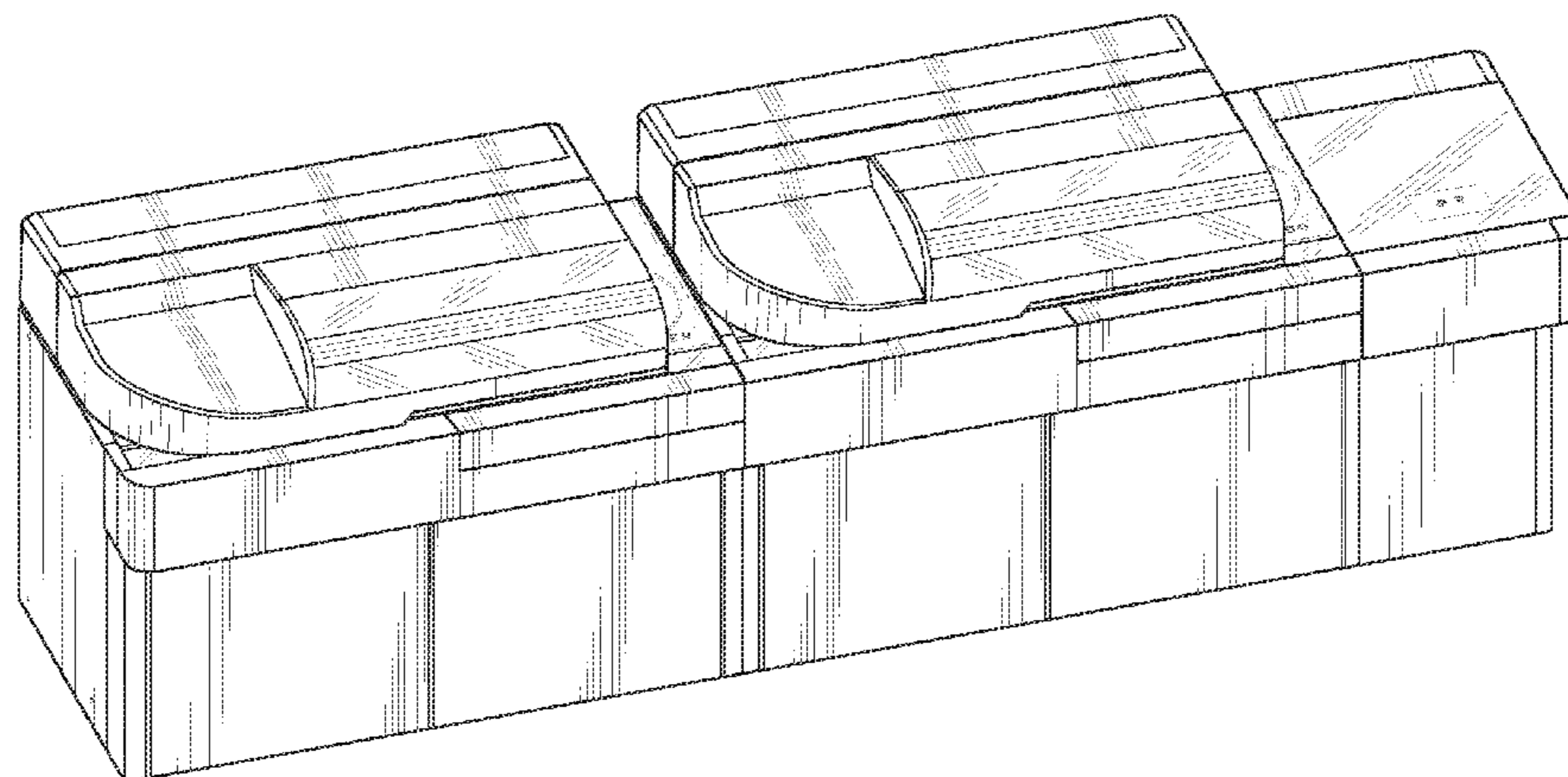


FIG. 11 is a front perspective view of a third embodiment of a biochemical analyzer system, which comprises a sample delivery module, an outer chemical analyzer, and three inner chemical analyzers that are positioned between the sample delivery module and the outer chemical analyzer, it being understood that remaining views of the third embodiment of a biochemical analyzer system are either identical to those of the first embodiment of a biochemical analyzer system (i.e., the right and left elevation views shown in FIGS. 6 and 7, respectively) or can be extrapolated from the remaining views

of the first embodiment of a biochemical analyzer system by adding two duplicates of the inner chemical analyzer at a position that is between the inner chemical analyzer and the sample delivery module.

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, 6 Drawing Sheets

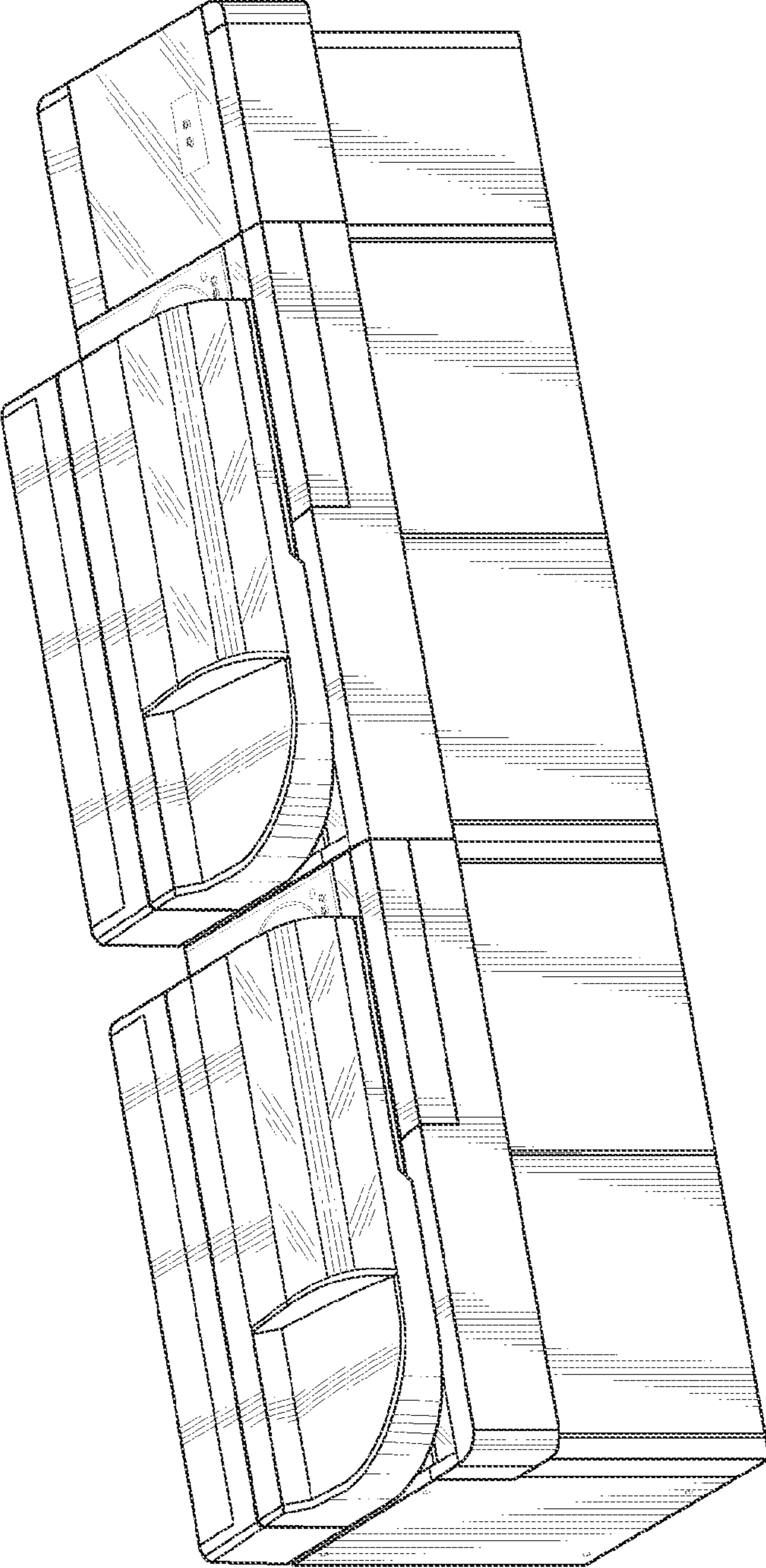


FIG. 1

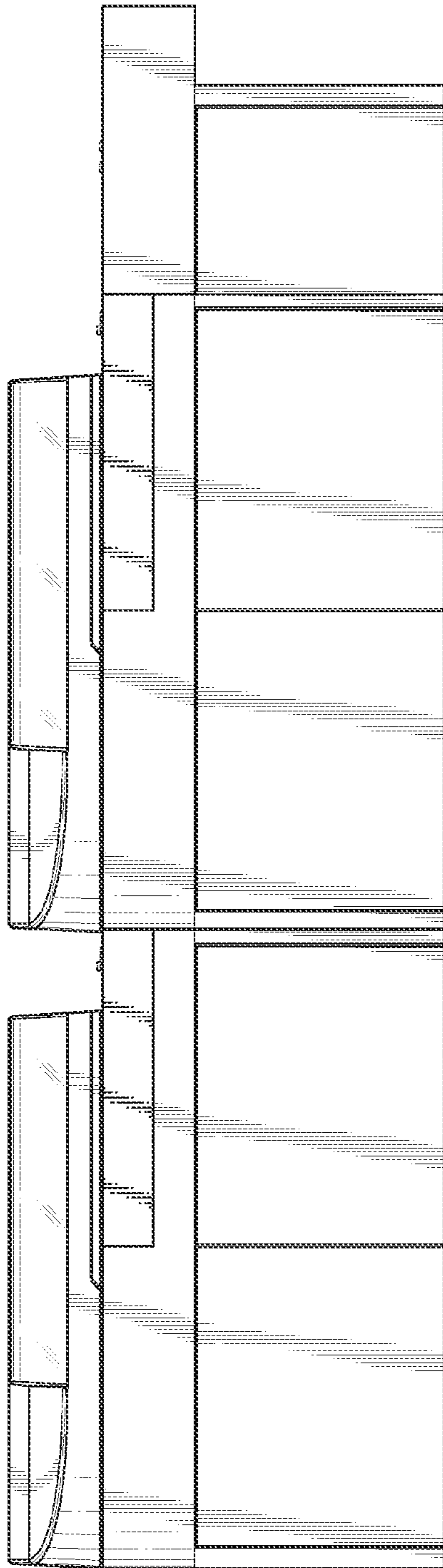


FIG. 2

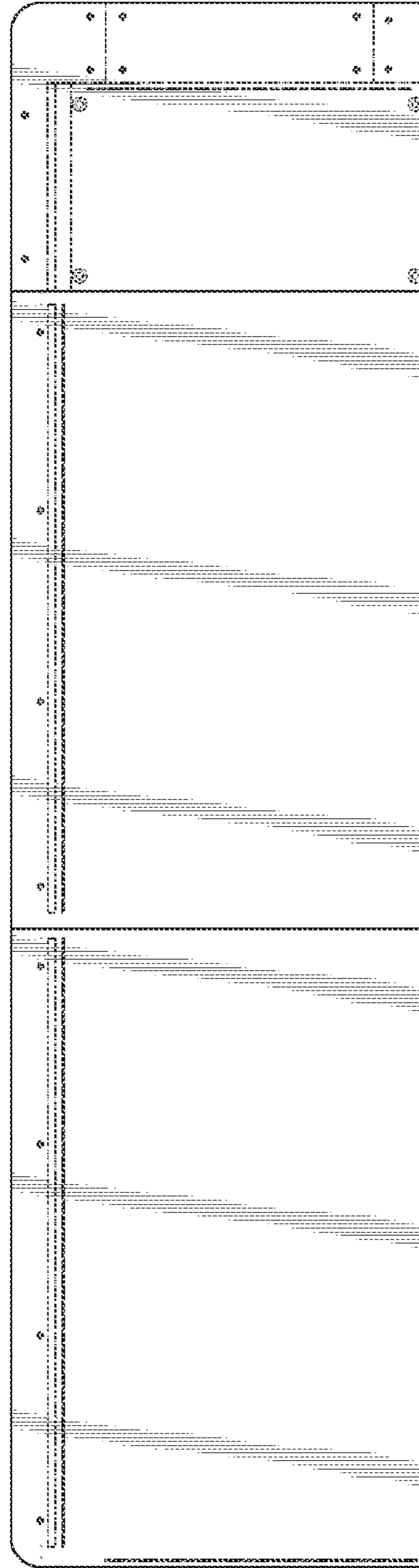


FIG. 3

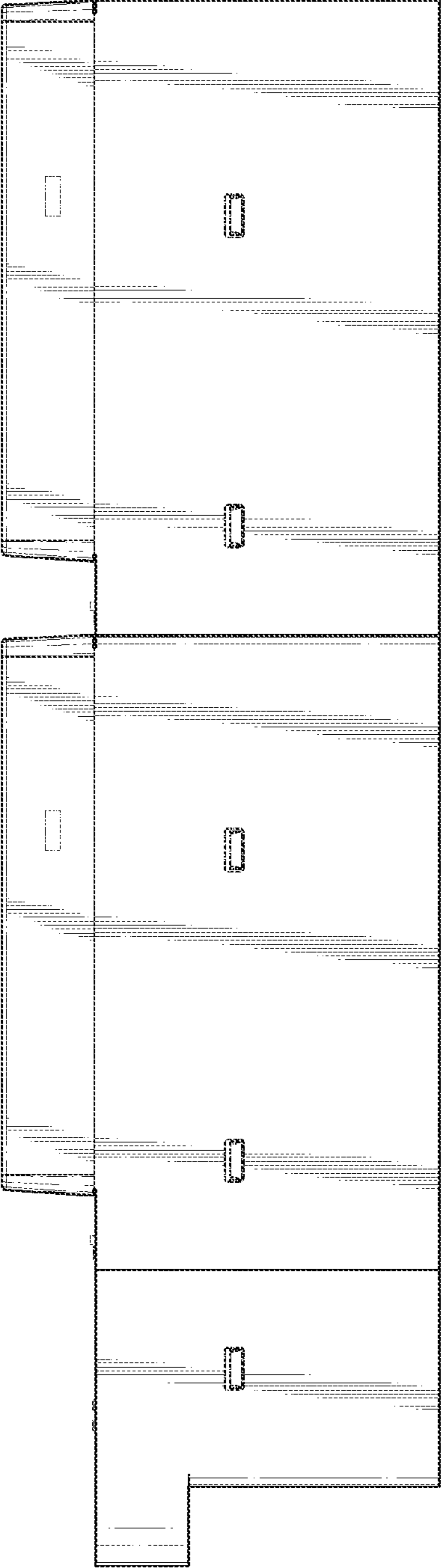


FIG. 4

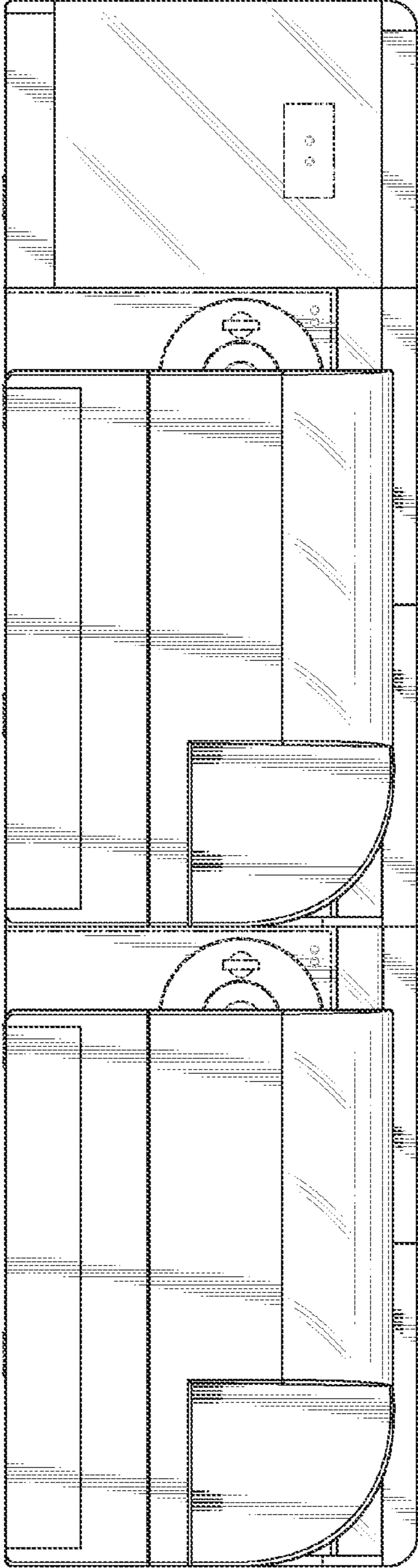


FIG. 5

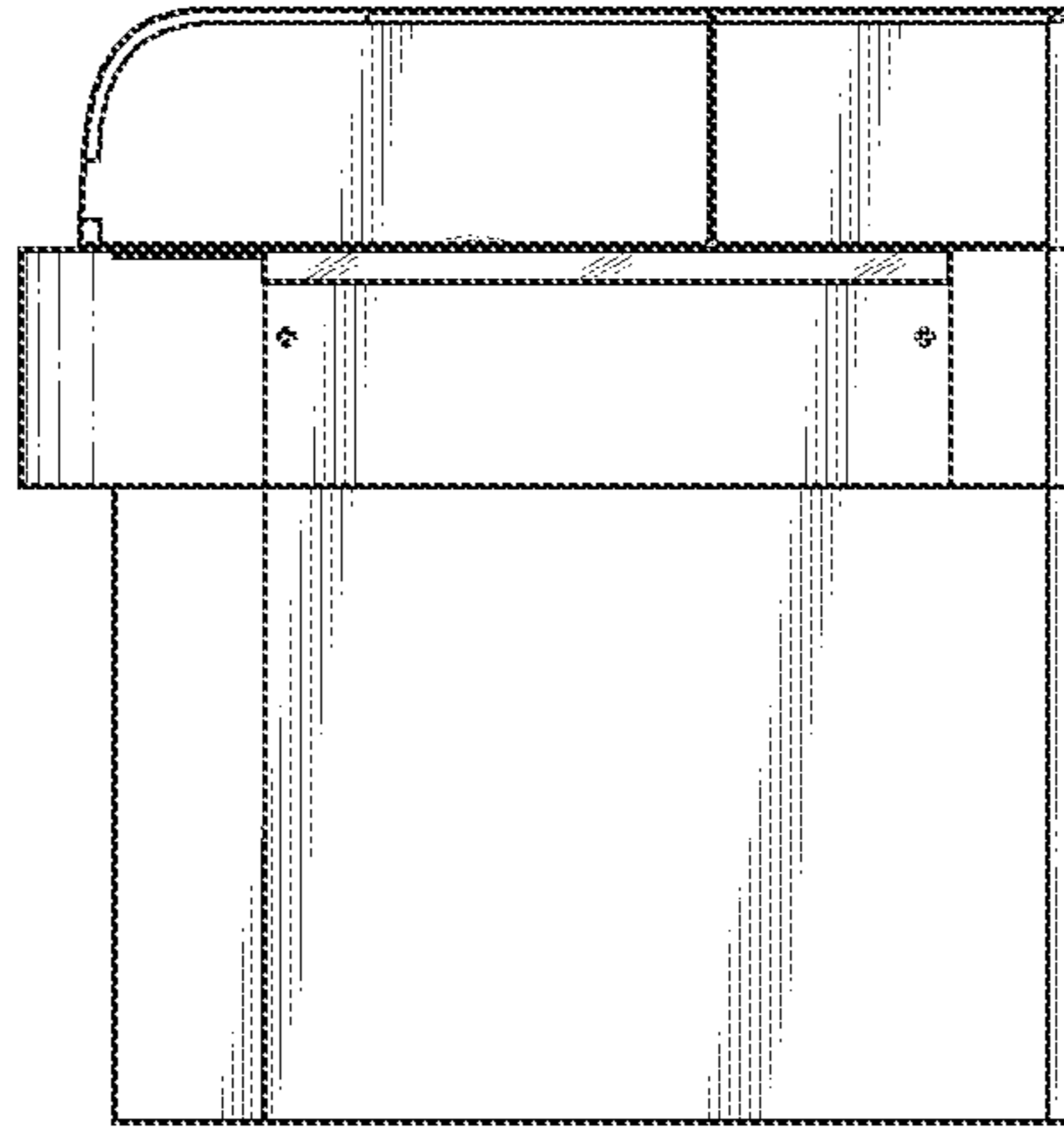


FIG. 6

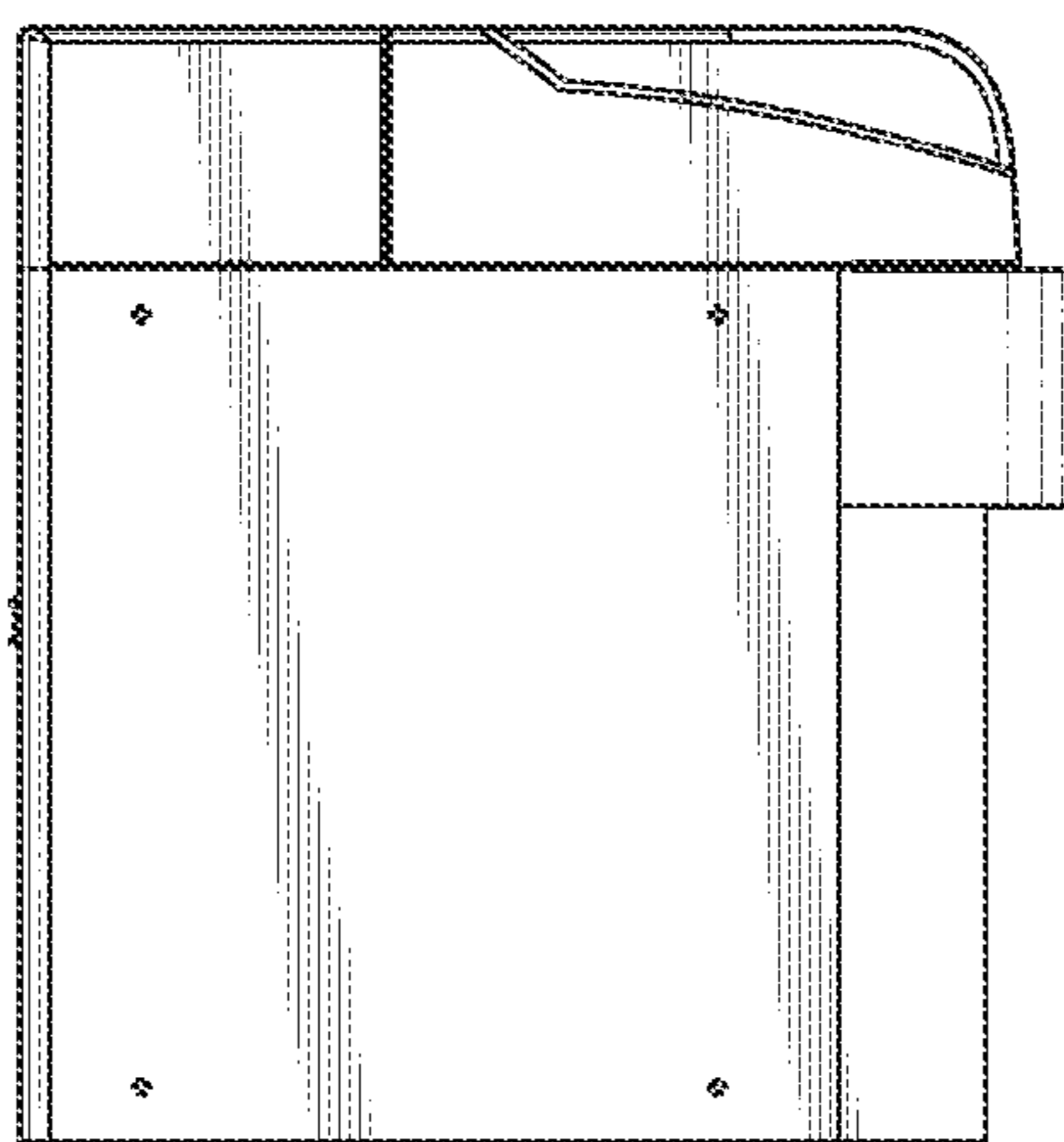


FIG. 7

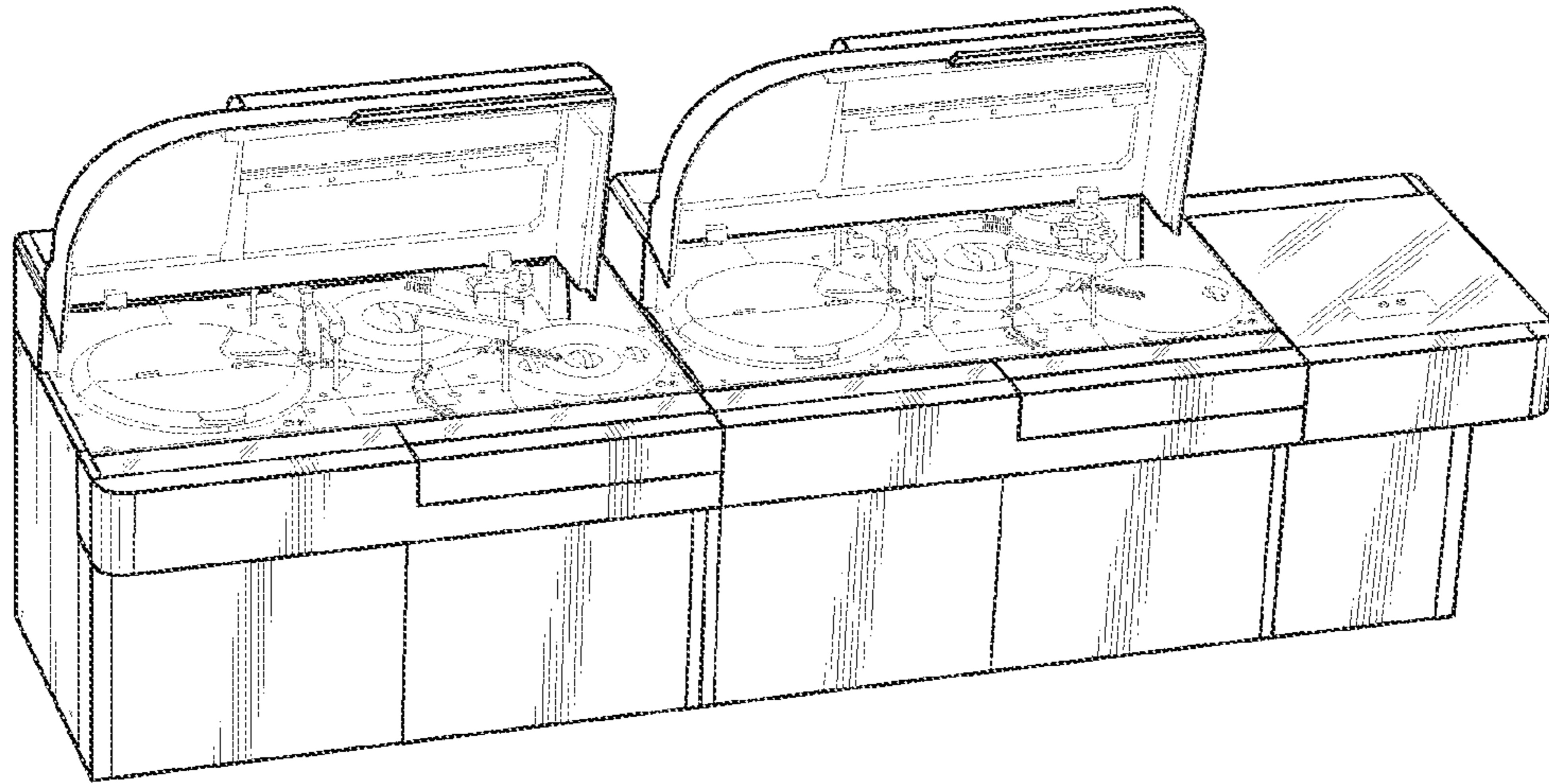


FIG. 8

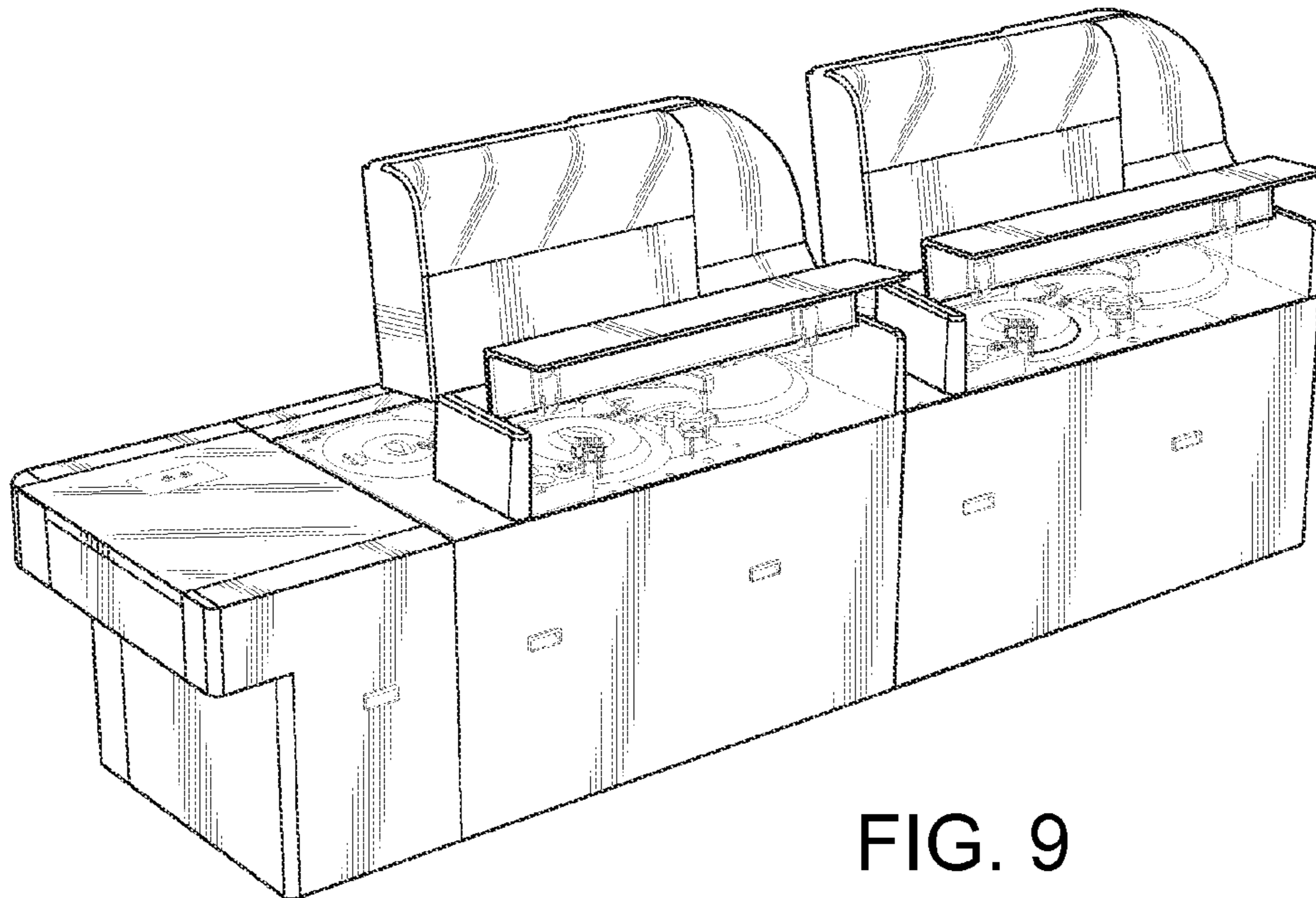


FIG. 9

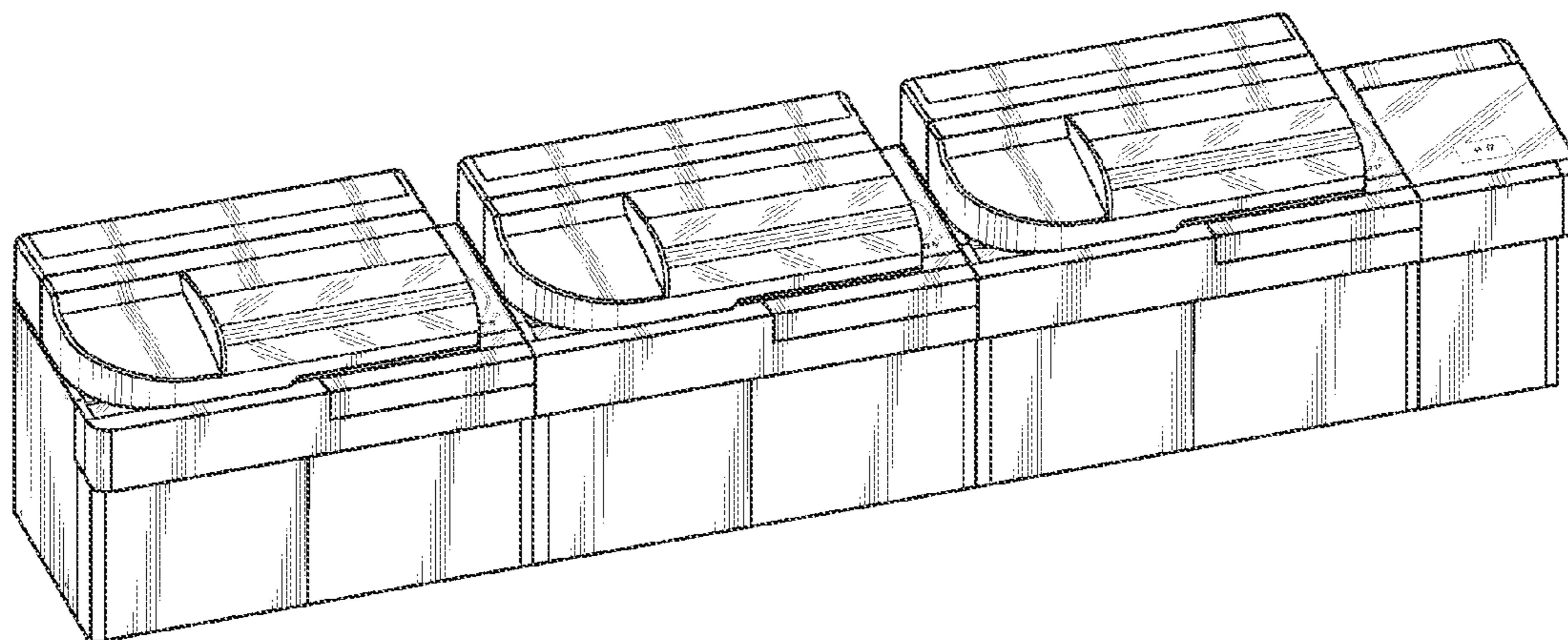


FIG. 10

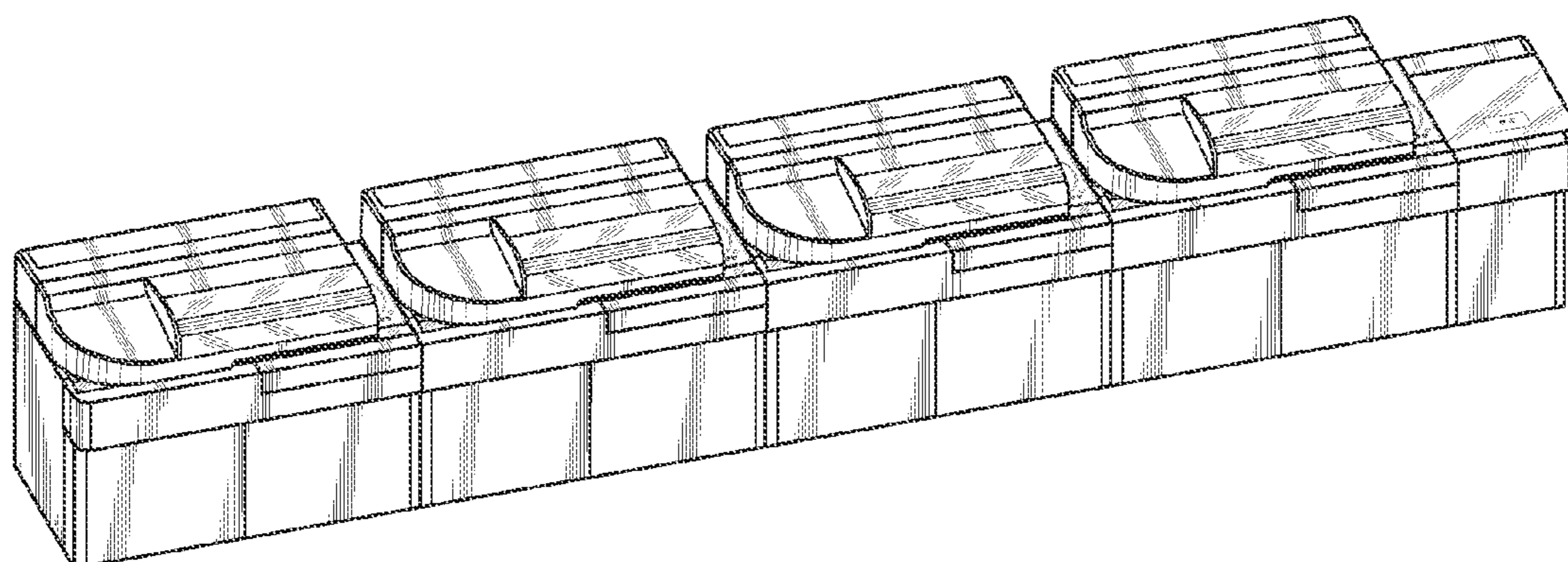


FIG. 11