



US00D964456S

(12) **United States Design Patent** (10) **Patent No.:** **US D964,456 S**
Chen et al. (45) **Date of Patent:** **** Sep. 20, 2022**

(54) **MIDI KEYBOARD CONTROLLER**

(71) Applicant: **Guangzhou Rantion Technology Co., Ltd, Guangdong (CN)**

(72) Inventors: **Shuyu Chen, Guangdong (CN); Guanze Huang, Guangdong (CN)**

(73) Assignee: **Guangzhou Rantion Technology Co., Ltd, Guangdong (CN)**

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

(21) Appl. No.: **29/838,856**

(22) Filed: **May 16, 2022**

(51) **LOC (13) Cl.** **17-01**

(52) **U.S. Cl.**
USPC **D17/1; D17/99**

(58) **Field of Classification Search**
USPC D17/1, 2, 7, 99; D21/405, 409; D14/158, 178, 203.1
CPC ... G10C 1/00; G10C 1/06; G10C 3/12; G10C 3/14; G10C 3/28; G10C 5/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D296,338 S	6/1988	Sgroi	
D444,460 S *	7/2001	Kitazawa	D17/99
D636,013 S *	4/2011	Shin	D17/1

D778,345 S *	2/2017	Katsumata	D17/1
D809,588 S *	2/2018	Eom	D17/1
D810,185 S *	2/2018	Eom	D17/1
D823,377 S *	7/2018	Kitamura	D17/99
D835,181 S *	12/2018	Rosenberg	D17/1
D840,466 S *	2/2019	Kitamura	D17/99
D881,268 S *	4/2020	Kuramoto	D17/99
D924,312 S *	7/2021	Huang	D17/1
D939,621 S *	12/2021	Tobias	D17/2
D940,231 S *	1/2022	Yamada	D17/99
2017/0061944 A1 *	3/2017	Muramatsu	G10H 1/32

* cited by examiner

Primary Examiner — R. Johnson

(57) **CLAIM**

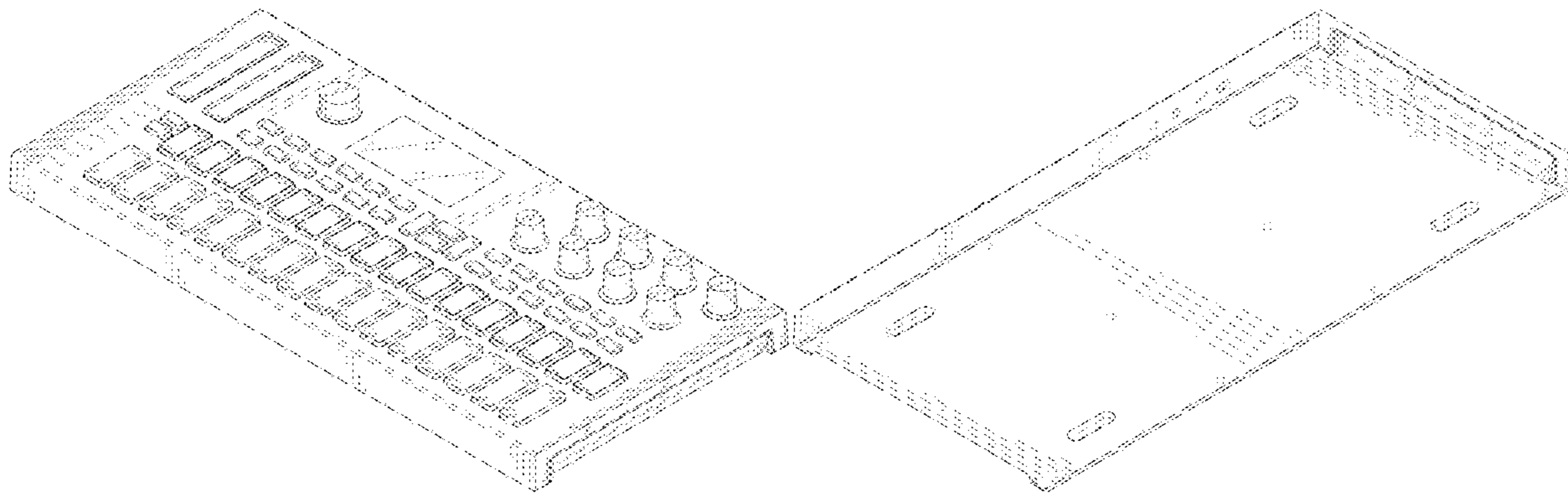
The ornamental design for a MIDI keyboard controller, as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of a MIDI keyboard controller, showing our new design; FIG. 2 is a rear and bottom perspective view thereof; FIG. 3 is a front elevation view thereof; FIG. 4 is a rear 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 in the figures illustrate portions of the MIDI keyboard controller that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



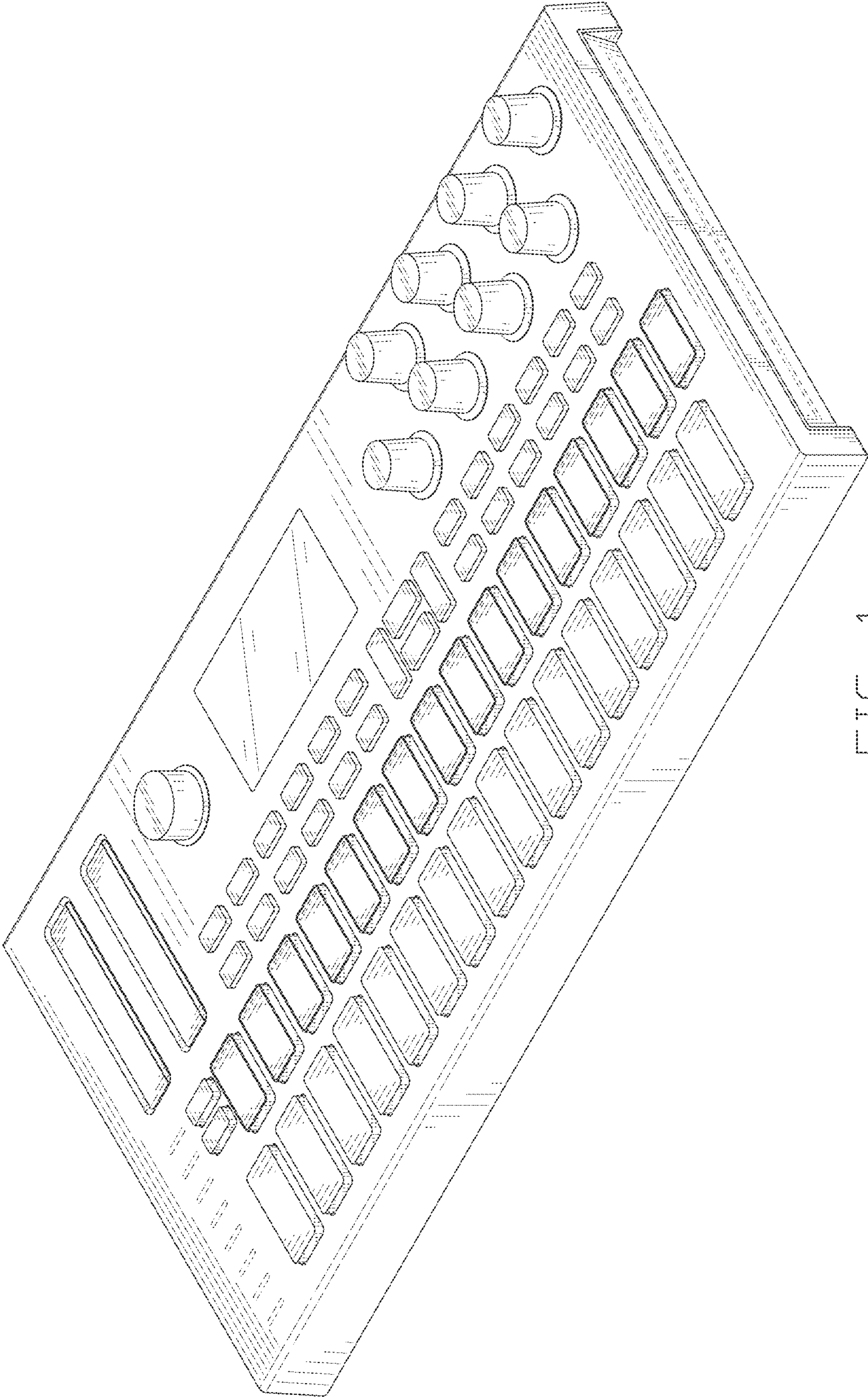


FIG. 1

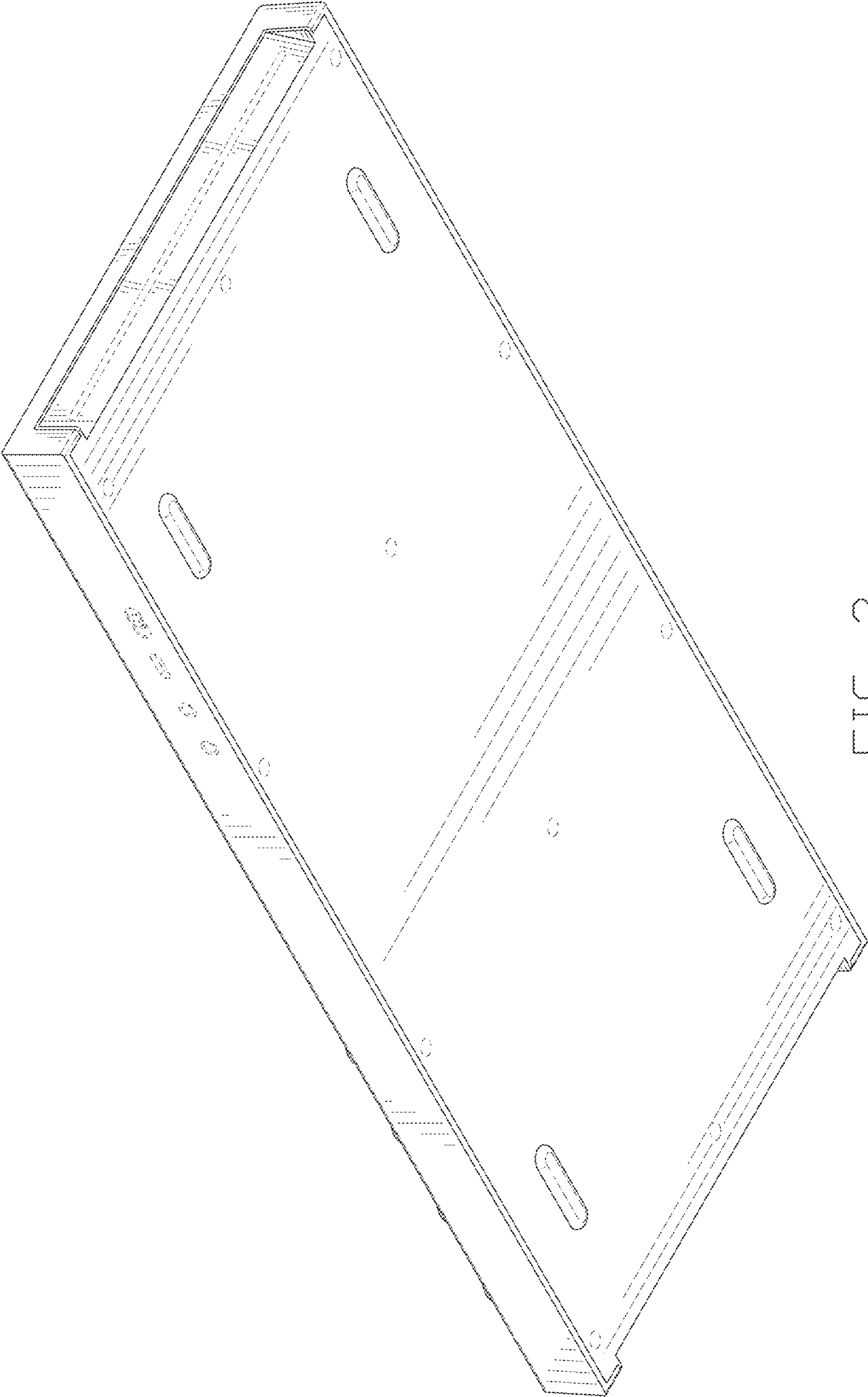


FIG. 2

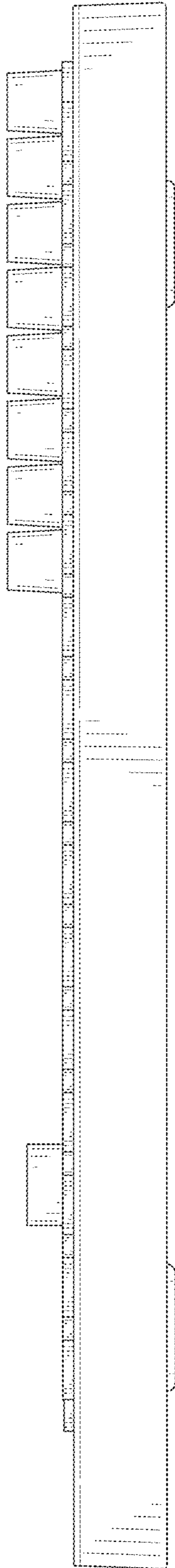


FIG. 3

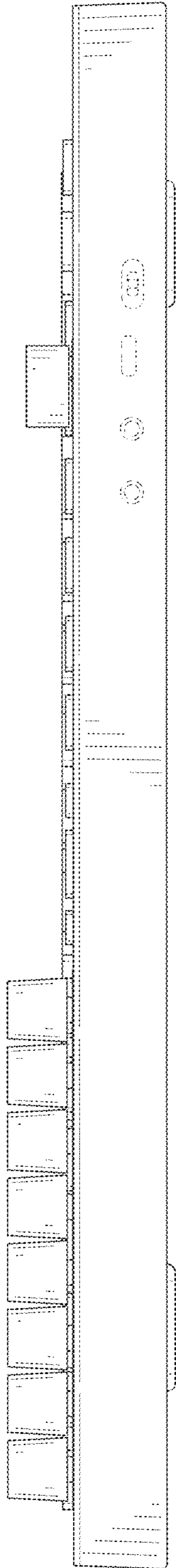


FIG. 4

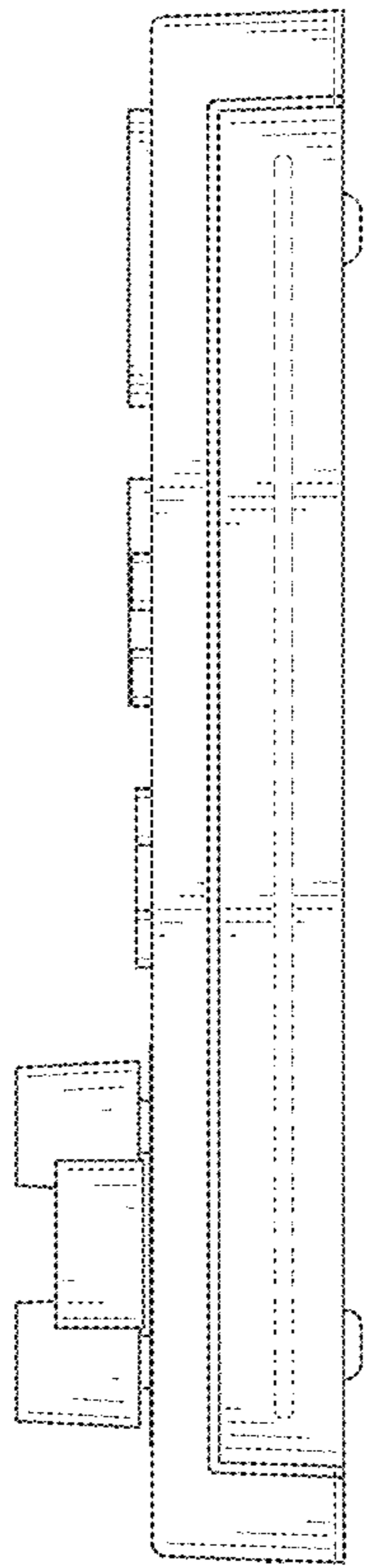


FIG. 5

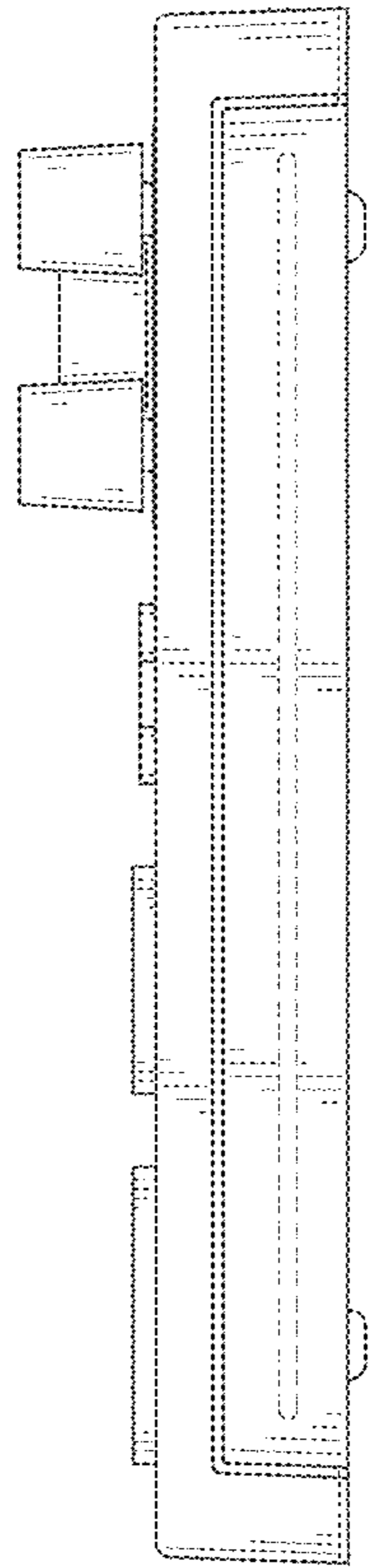


FIG. 6

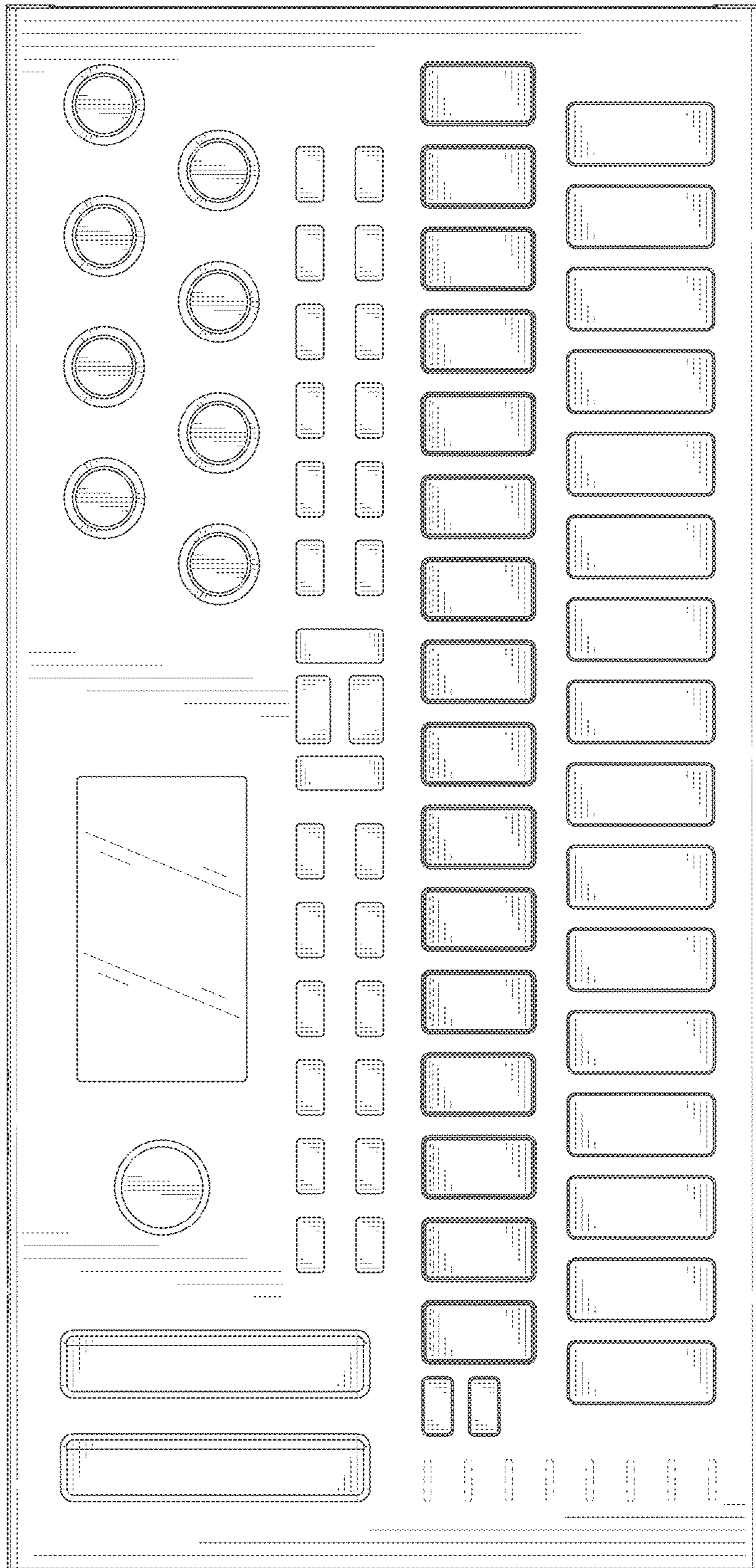


FIG. 7

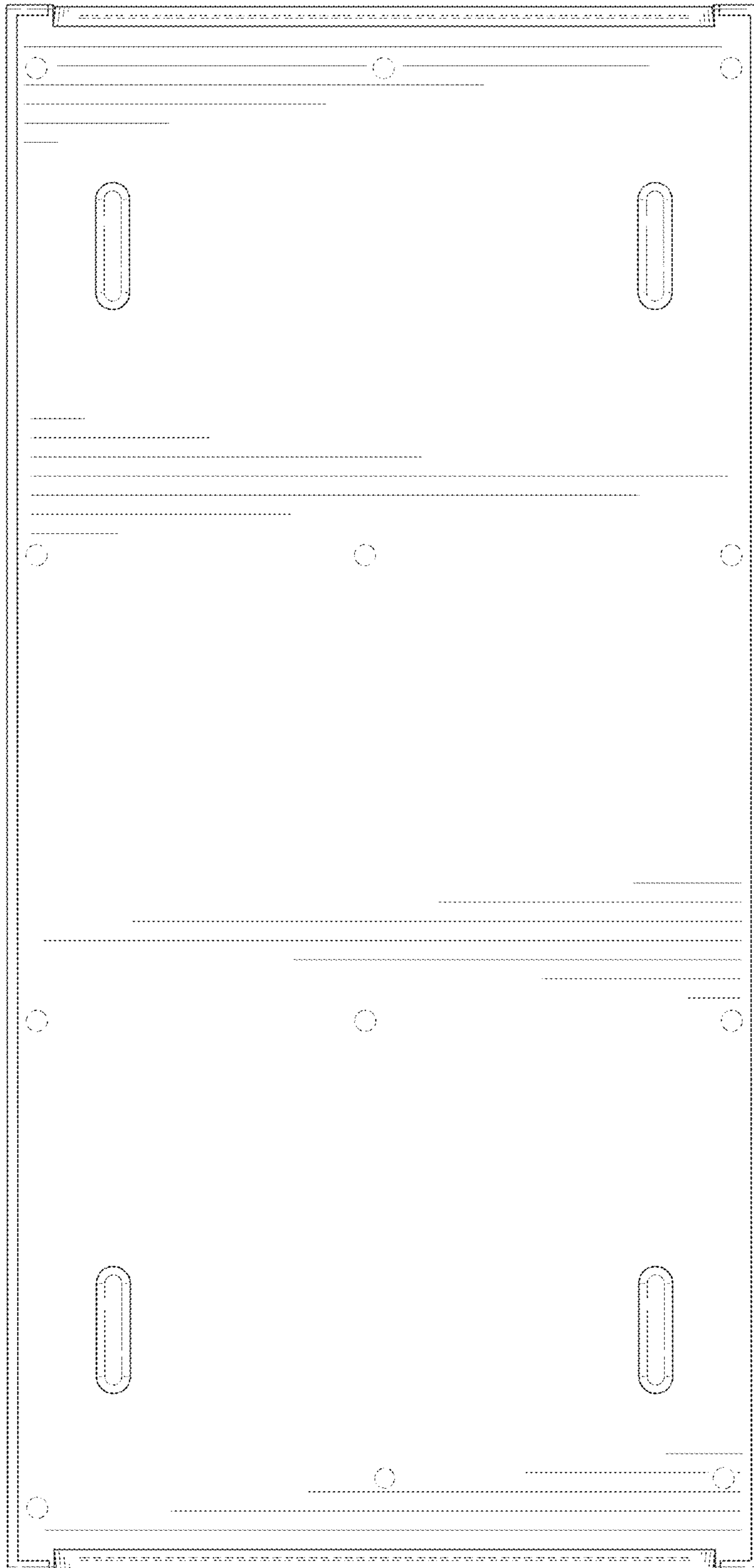


FIG. 8