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

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(45) **Date of Patent:** **** May 20, 2014**

(54) **MONITORING AND CONTROL DEVICE FOR
A TRAIN OPERATION SYSTEM WITH
GRAPHICAL USER INTERFACE**

D593,114 S * 5/2009 Vakkalanka D14/486
D615,091 S * 5/2010 Jasinski D14/485
D629,005 S * 12/2010 Jewitt et al. D14/485

* cited by examiner

(75) Inventors: **Eisuke Noda**, Tokyo (JP); **Hiroshi Suzuki**, Tokyo (JP)

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Aman

(73) Assignee: **Mitsubishi Heavy Industries, Ltd.**, Tokyo (JP)

(74) *Attorney, Agent, or Firm* — Wenderoth, Lind & Ponack, L.L.P.

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

(57) **CLAIM**

The ornamental design for a monitoring and control device for a train operation system with graphical user interface, as shown and described.

(21) Appl. No.: **29/371,094**

DESCRIPTION

(22) Filed: **Oct. 19, 2010**

(30) **Foreign Application Priority Data**

Apr. 22, 2010 (JP) 2010-010153

(51) **LOC (10) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/485**; D14/489

(58) **Field of Classification Search**
USPC D14/485, 486–495; D12/42;
D18/26.31–33; D20/11–12, 23–25,
D20/29–32, 36–38

See application file for complete search history.

FIG. 1 is a front elevation view of a monitoring and control device for a train operation system with graphical user interface, including the display shown as a flat, two-dimensional image.

FIG. 2 is a rear elevation view thereof.

FIG. 3 is a right side elevation view thereof. A left side elevation view is omitted because it is symmetrical to the right side elevation view.

FIG. 4 is a top plan view thereof. A bottom plan view is omitted because it is symmetrical to the top plan view; and, FIG. 5 is a reference view indicating conditions in use of the display and operating portion of the graphical user interface. Only the solid lines and the surfaces within the solid lines are claimed. The portions of the monitoring and control device for a train operation system with graphical user interface shown in broken lines are for the purpose of showing environmental structure only and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D481,015 S * 10/2003 Garcia-Ortiz D13/164
D481,363 S * 10/2003 Garcia-Ortiz D13/164
D573,108 S * 7/2008 Pan D13/164
D592,676 S * 5/2009 Okuyama D14/488

1 Claim, 5 Drawing Sheets

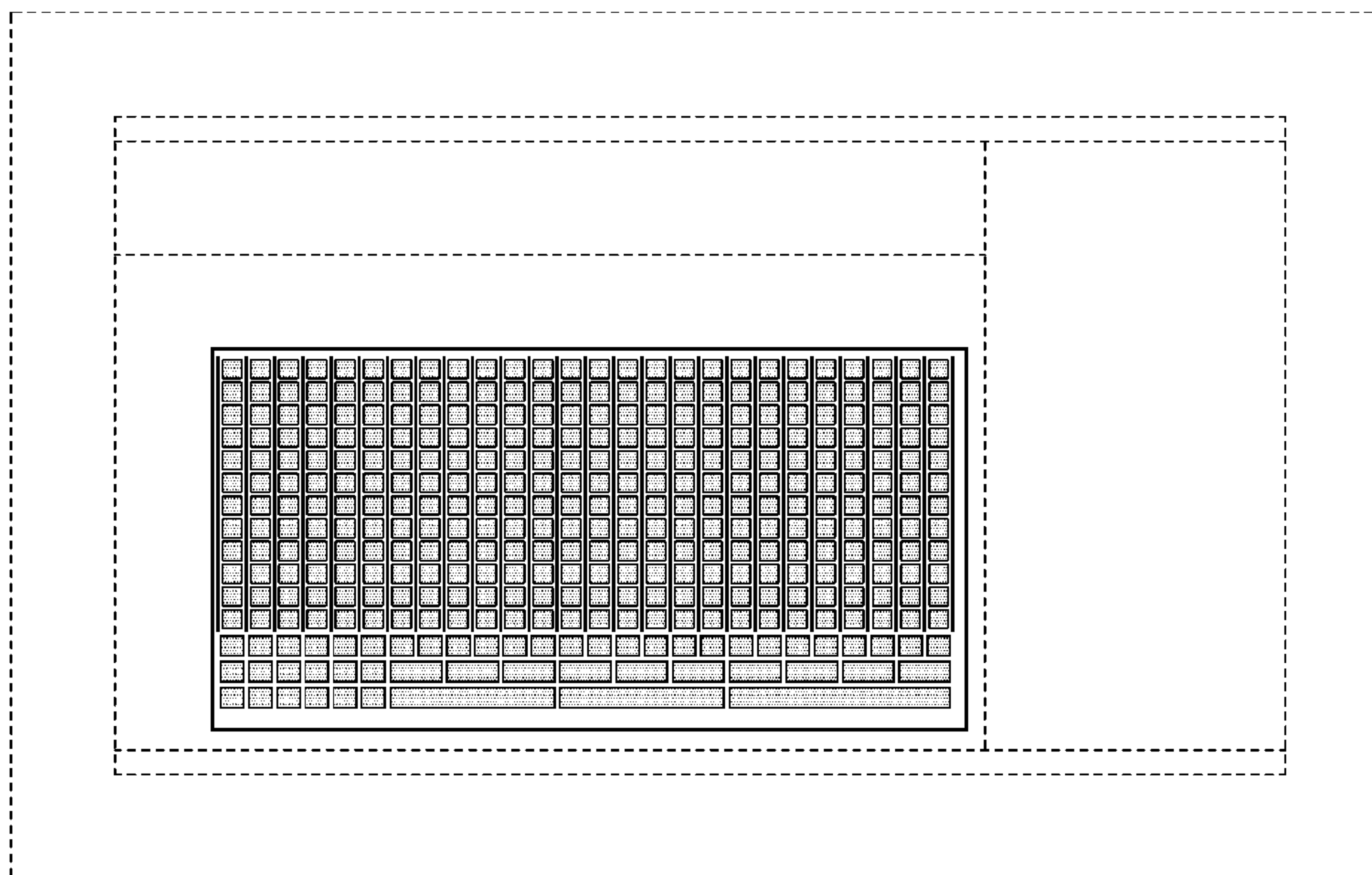


FIG. 1

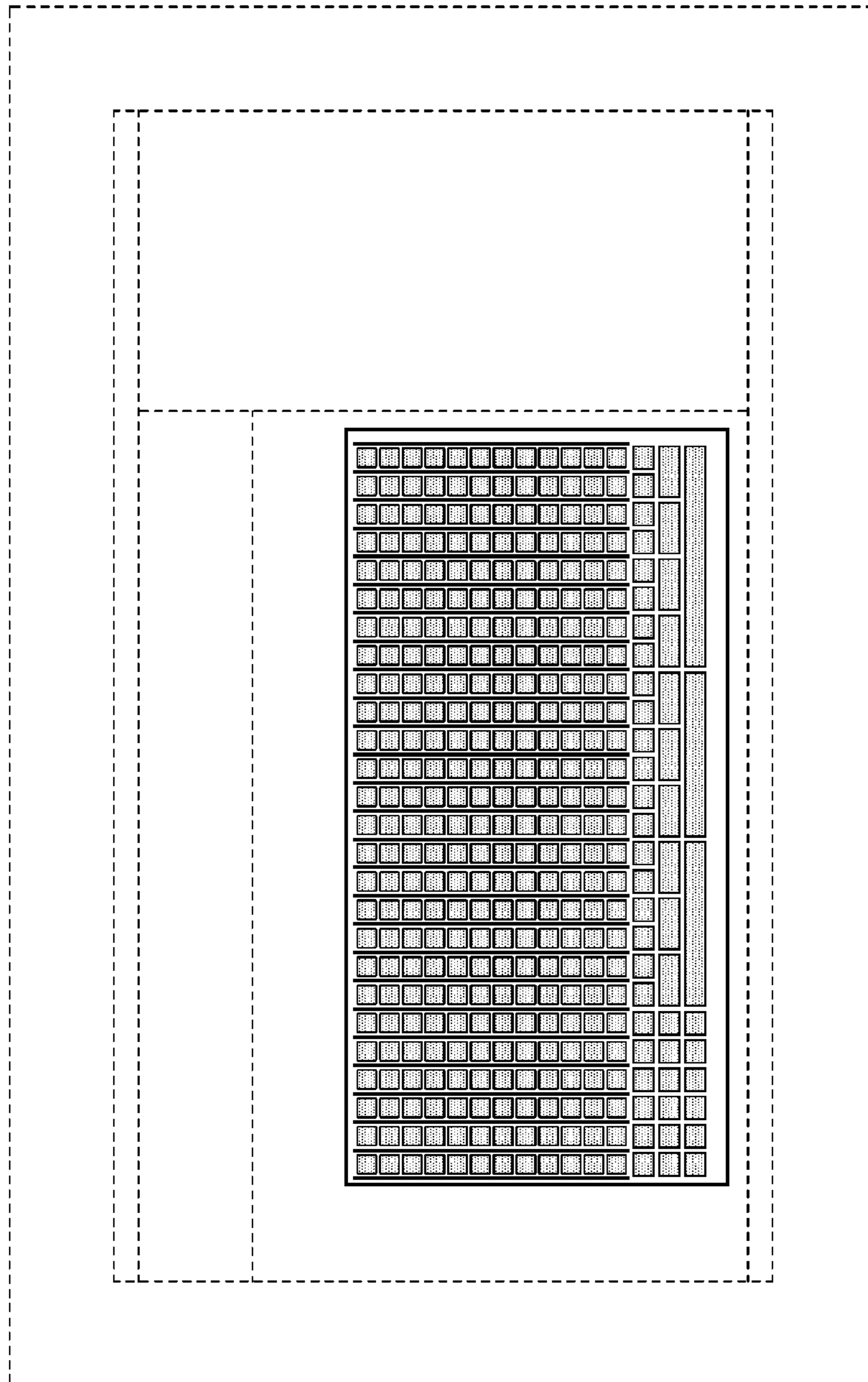


FIG. 2

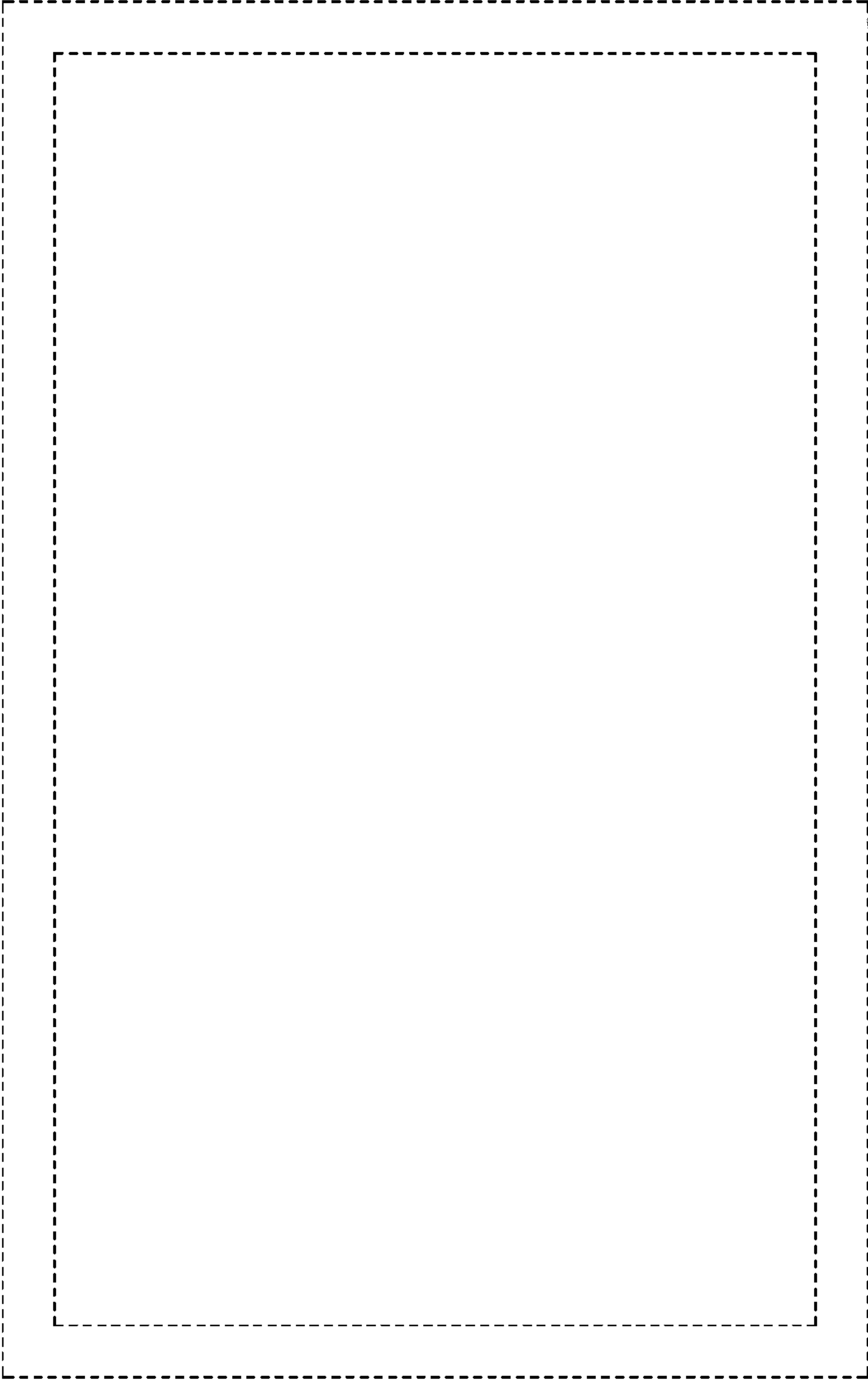


FIG. 3

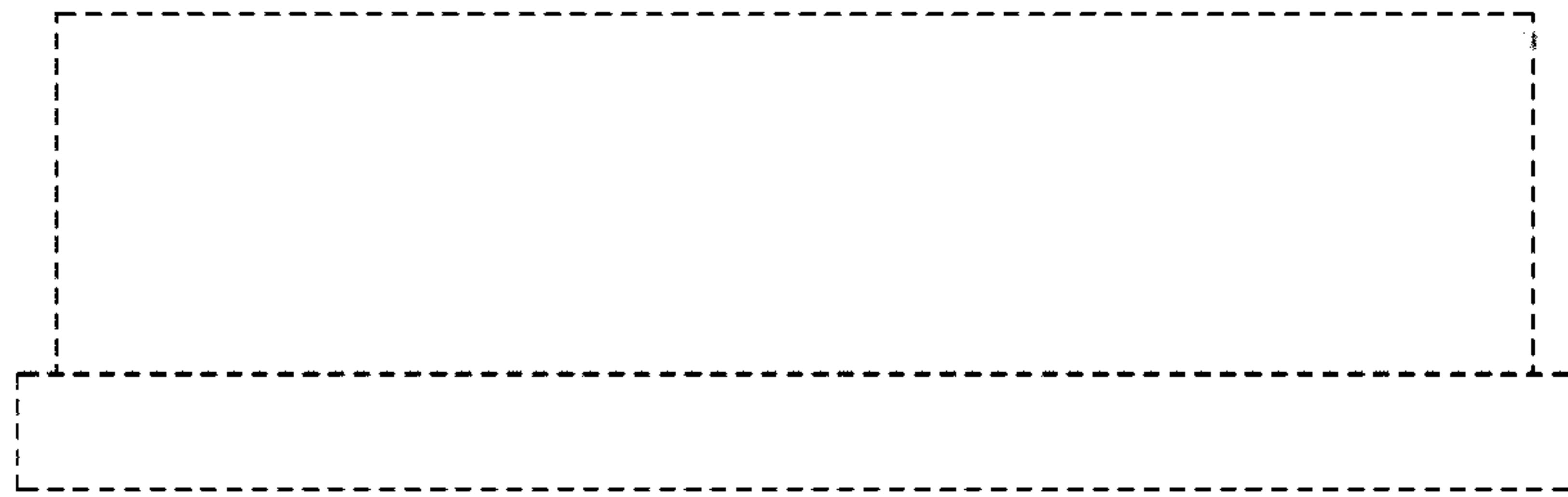


FIG. 4

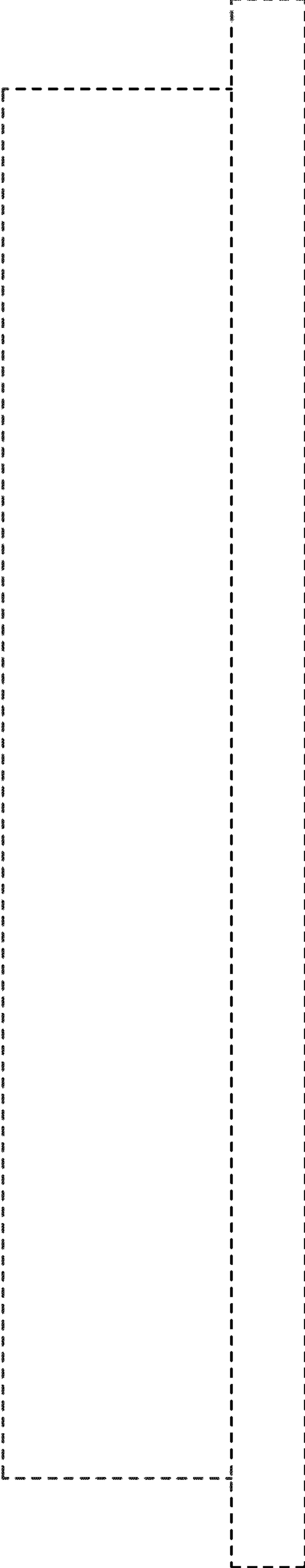


FIG. 5

