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(12) **United States Design Patent** (10) **Patent No.:** **US D979,437 S**
Iida (45) **Date of Patent:** **** *Feb. 28, 2023**

(54) **OPERATING PANEL FOR ELEVATOR**

7,562,748 B2 * 7/2009 Stranieri B66B 1/468
187/391

(71) Applicant: **Mitsubishi Electric Corporation,**
Tokyo (JP)

D673,511 S * 1/2013 Saikawa D13/164
D674,353 S * 1/2013 Saikawa D13/164
D678,098 S 3/2013 Saikawa et al.

(72) Inventor: **Yuki Iida,** Tokyo (JP)

(Continued)

(73) Assignee: **Mitsubishi Electric Corporation,**
Tokyo (JP)

FOREIGN PATENT DOCUMENTS

(*) Notice: This patent is subject to a terminal disclaimer.

CN 201530391342 * 3/2016
JP D2001-9254 * 5/2002

(Continued)

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

Primary Examiner — Joseph Kukella

Assistant Examiner — Heather A Wencil

(21) Appl. No.: **29/753,193**

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett
PC

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(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for an operating panel for elevator, as shown and described.

Apr. 6, 2020 (JP) 2020-007212 D

(51) **LOC (14) Cl.** **10-05**

(52) **U.S. Cl.**
USPC **D10/108**

(58) **Field of Classification Search**
USPC D10/106.95, 108, 118.2; D13/162, 162.1,
D13/164, 170, 171, 174, 175, 177;
D14/371, 383, 388, 389, 390, 396, 397,
D14/398, 399; D18/6, 7
CPC .. B66B 1/00; B66B 1/466; B66B 3/00; B66B
3/02; B66B 5/00; B66B 7/00; B66B
13/00; B66B 13/30; B66B 13/306; B66B
25/00; B66B 2201/00

See application file for complete search history.

(56) **References Cited**

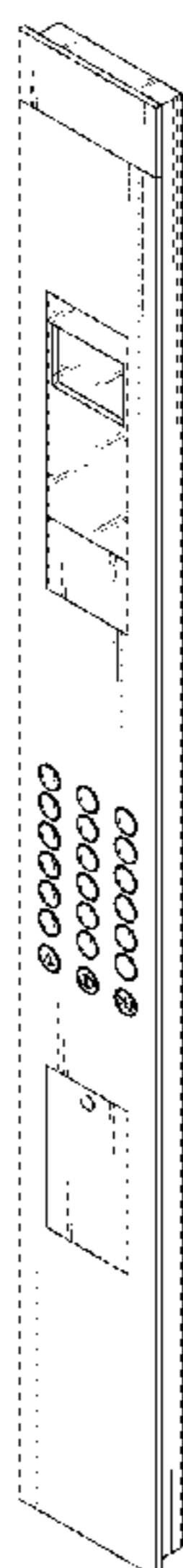
U.S. PATENT DOCUMENTS

D287,244 S * 12/1986 Tope D13/164
D418,820 S * 1/2000 Shintani D13/164
D533,213 S * 12/2006 Oas D18/7
D596,977 S * 7/2009 Ogura D10/108

DESCRIPTION

FIG. 1 is a perspective view of an operating panel for elevator, showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a partially enlarged view taken along line 8-8 of FIG. 2;
FIG. 9 is a partially enlarged view taken along line 9-9 of FIG. 2;
FIG. 10 is an enlarged cross-sectional view thereof; taken along line 10-10 of FIG. 8, with the internal system omitted;
FIG. 11 is an enlarged cross-sectional view thereof; taken along line 11-11 of FIG. 9, with the internal system omitted;
and,
FIG. 12 is a reference view showing the state in use.

1 Claim, 12 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,795 S * 3/2013 Saikawa D13/164
D679,210 S * 4/2013 Saikawa D13/164
D698,274 S * 1/2014 Saikawa B66B 1/468
D710,722 S * 8/2014 Saikawa B66B 1/468
D732,695 S * 6/2015 Saikawa B66B 1/468
9,463,955 B2 * 10/2016 Preston B66B 1/468
D820,224 S * 6/2018 Mori B66B 1/468
D883,125 S * 5/2020 Hikima B66B 1/468
2007/0045050 A1 * 3/2007 Stranieri B66B 1/468
187/247

FOREIGN PATENT DOCUMENTS

JP D2001-9250 * 8/2002
JP 1434917 S 3/2012
JP WO-D213013-004 * 4/2021

* cited by examiner

Fig. 1

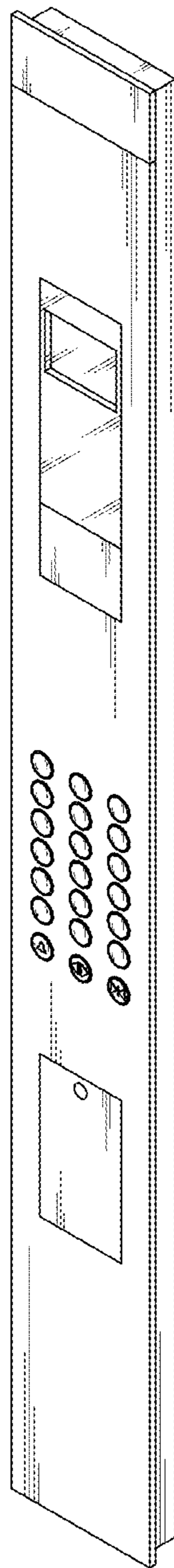


Fig.2

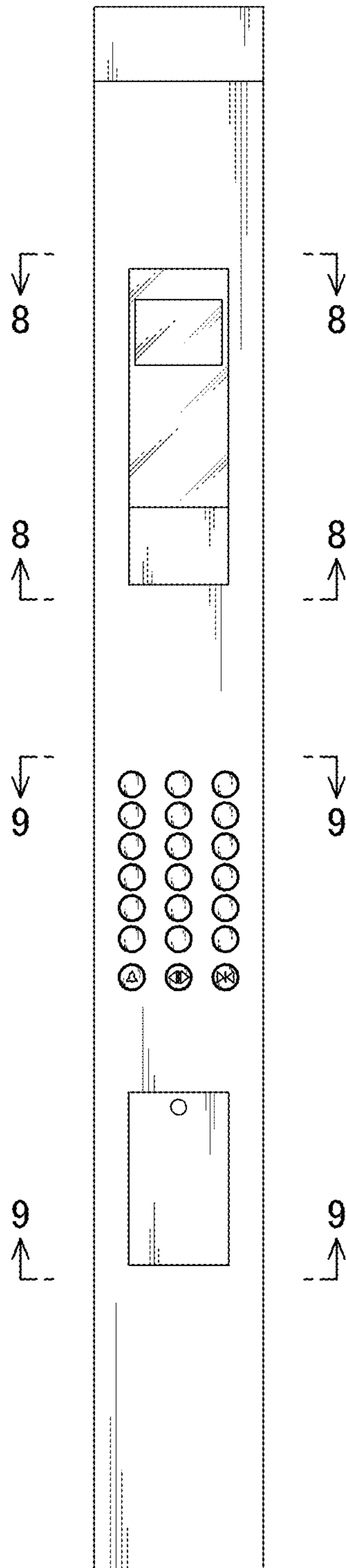


Fig.3

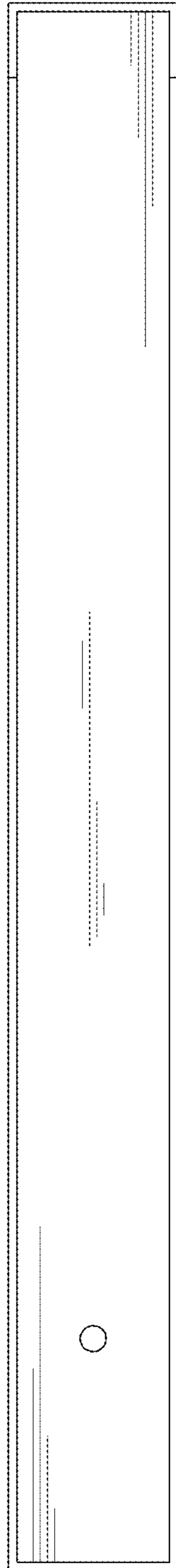


Fig.4



Fig.5



Fig.6



Fig.7

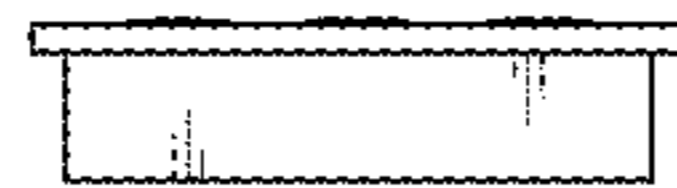


Fig.8

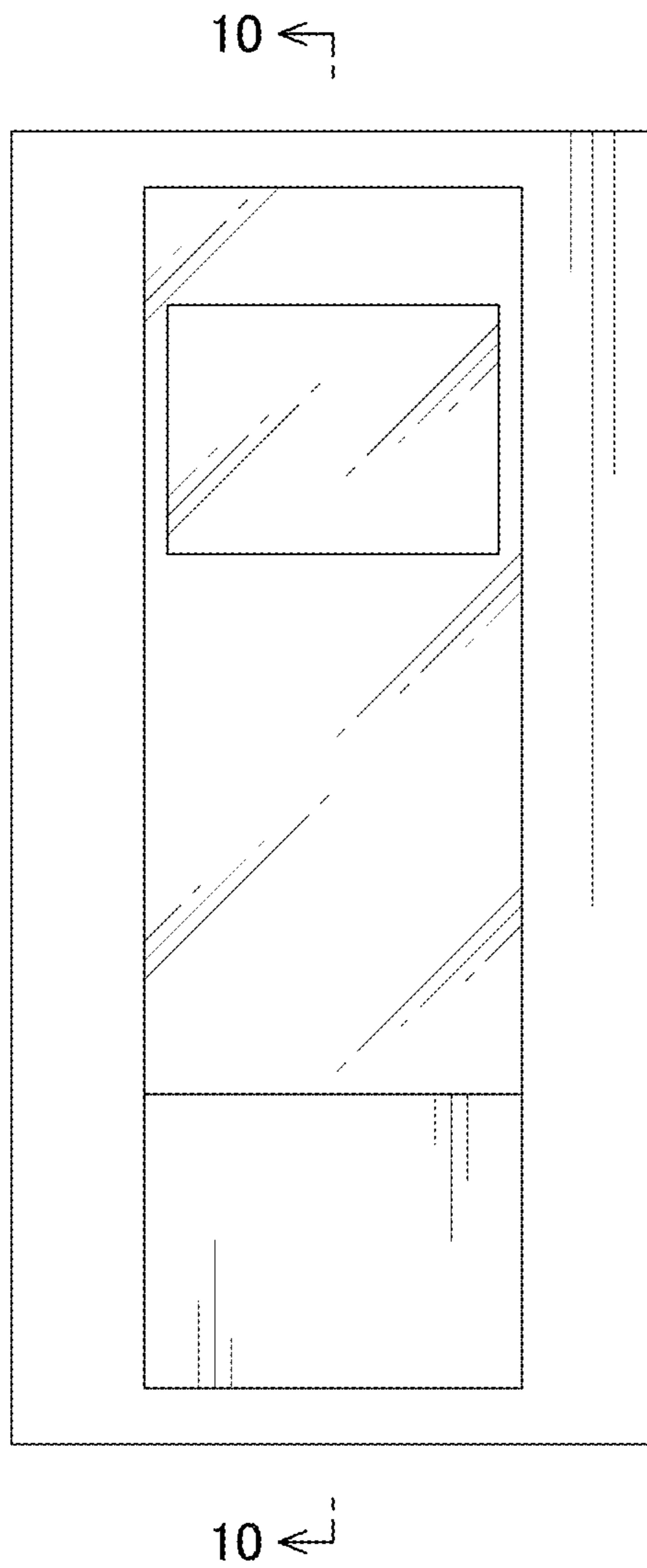


Fig.9

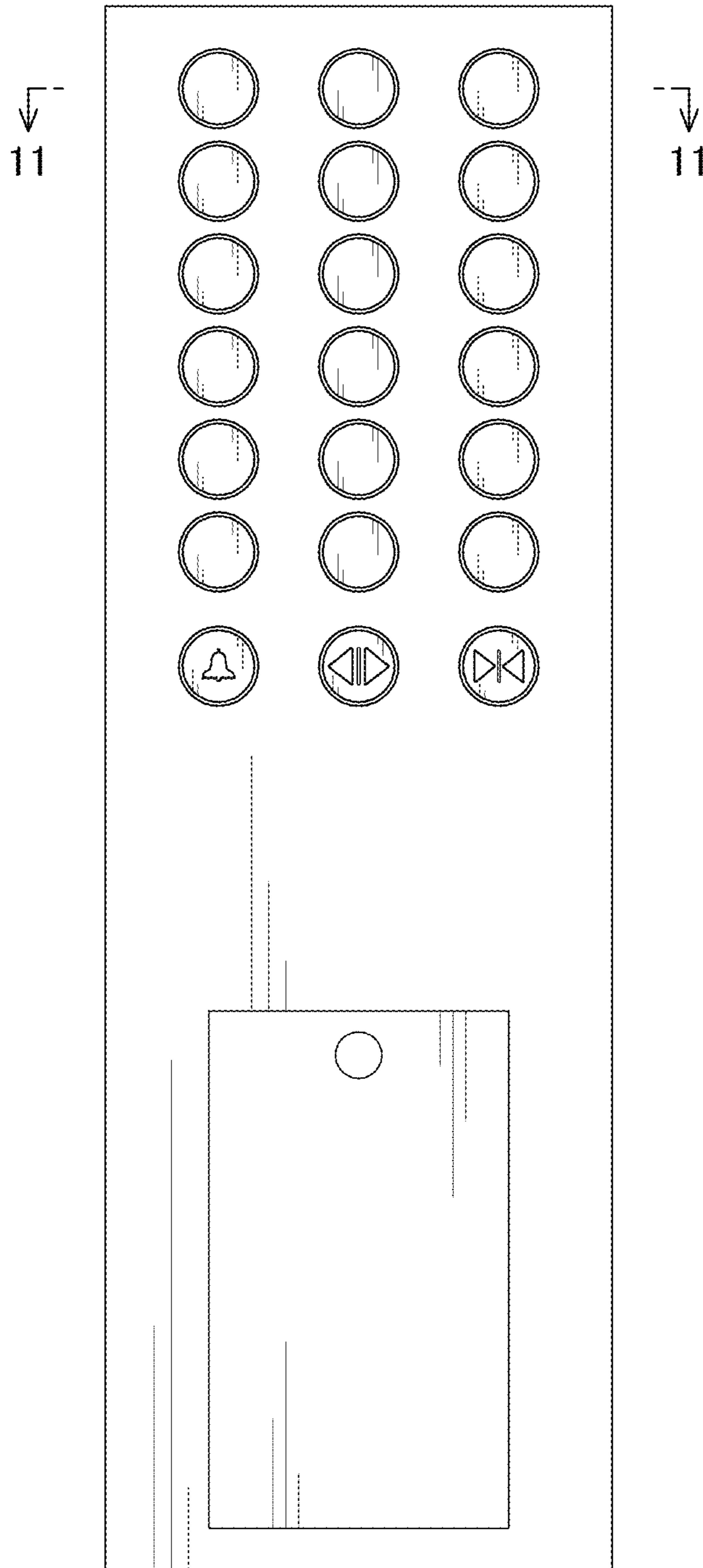


Fig.10

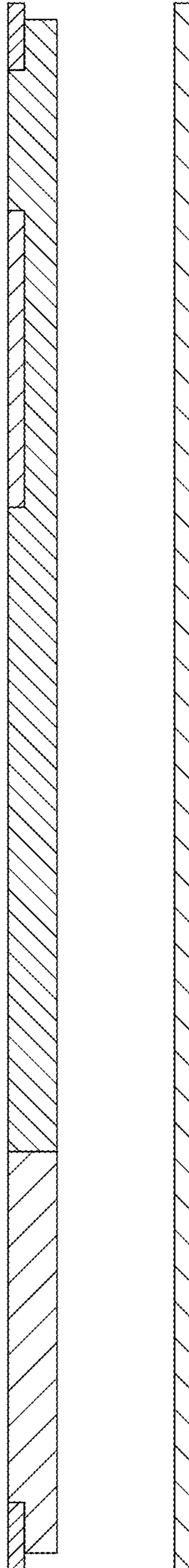


Fig.11

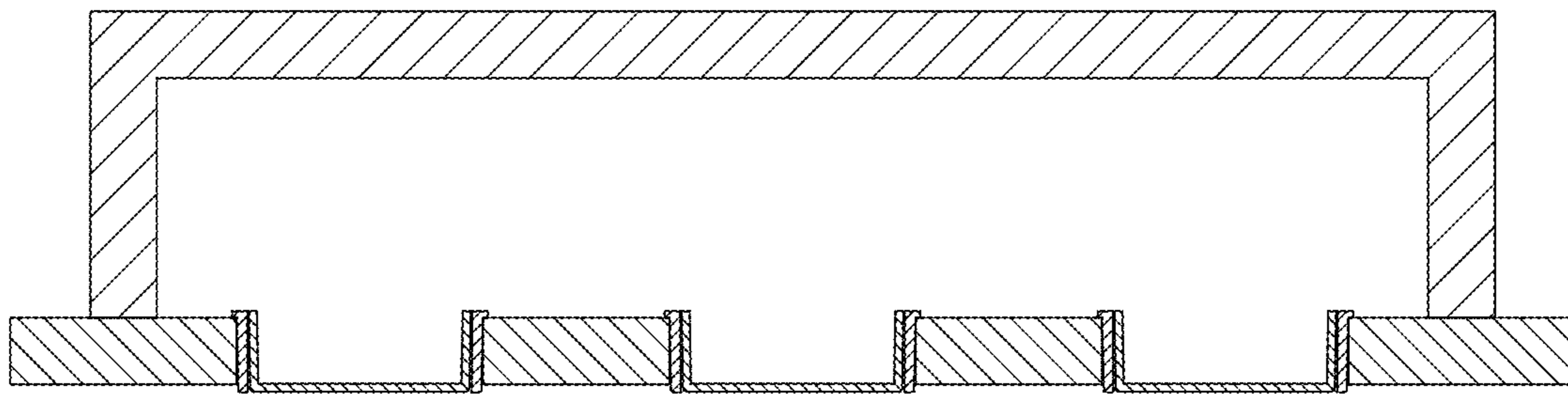


Fig.12

