



US0D1024981S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,024,981 S**
Plechinger (45) **Date of Patent:** **** Apr. 30, 2024**

(54) **SWITCHING DEVICE** 9,053,887 B2 * 6/2015 Castaneda Arriaga H01H 71/521
D761,737 S * 7/2016 Hühne D13/158
(71) Applicant: **SIEMENS** D789,894 S * 6/2017 Lecoanet D13/160
AKTIENGESELLSCHAFT, Munich D798,244 S * 9/2017 Lecoanet D13/160
(DE) D807,833 S * 1/2018 Lecoanet D13/160
D853,337 S * 7/2019 Besana D13/160
(72) Inventor: **Ekkehard Plechinger, Röckersbühl** D862,396 S * 10/2019 Tomczak D13/160
(DE) D897,965 S * 10/2020 Personeni D13/160
D904,987 S * 12/2020 Choi D13/160
(73) Assignee: **Siemens Aktiengesellschaft, Munich** D948,459 S * 4/2022 Azzola D13/160
(DE) D961,527 S * 8/2022 Tan D13/160
D961,529 S * 8/2022 Tan D13/160
2001/0025773 A1 * 10/2001 Rane H02B 11/127
200/50.21
(**) Term: **15 Years** 2011/0181379 A1 * 7/2011 Sohn H01H 83/12
335/17
(21) Appl. No.: **29/778,914** 2018/0061602 A1 * 3/2018 Oh H01H 71/164
2018/0190462 A1 * 7/2018 Oh H01H 33/596
2019/0140429 A1 * 5/2019 Mascarenhas H02B 1/052

(22) Filed: **Apr. 15, 2021**
(51) **LOC (14) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/160**
(58) **Field of Classification Search**
USPC D13/158, 160, 162, 184
CPC . H01R 12/72; H05K 5/00; H05K 5/02; G08G
1/07; G08G 1/08; G08G 1/087; G08G
1/0095; H01H 9/02; H01H 9/0271; H01H
71/02; H01H 71/04; H01H 71/52; H02H
3/00; H02H 3/006; H02H 3/02; H02H
3/025; H02H 3/027
See application file for complete search history.

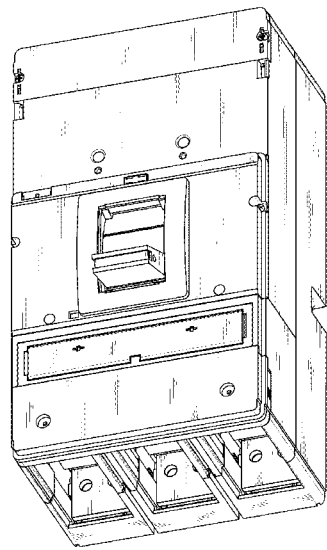
(56) **References Cited**
U.S. PATENT DOCUMENTS
5,717,178 A * 2/1998 Turner H01H 9/283
200/50.01
D499,701 S * 12/2004 Kim D13/160
D511,502 S * 11/2005 Kim D13/160
D535,626 S * 1/2007 Azzola D13/160
D547,729 S * 7/2007 Azzola D13/160
D587,658 S * 3/2009 Azzola D13/160
7,952,042 B2 * 5/2011 Coomer F16J 3/041
200/50.21

(Continued)
Primary Examiner — Selina Sikder
(74) *Attorney, Agent, or Firm* — Henry M. Feiereisen
LLC

(57) **CLAIM**
The ornamental design for a switching device, as shown and described.

DESCRIPTION
FIG. 1 is a front elevation view of a switching device for distribution or control of electric power, showing my new design;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a left side elevation view thereof; and,
FIG. 7 is a bottom, front and right side perspective view thereof.
The broken lines in the drawings depict portions of the switching device that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2019/0164713	A1*	5/2019	Devine	H01H 9/0271
2019/0334326	A1*	10/2019	Zhou	H02B 11/10
2020/0090888	A1*	3/2020	Malingowski	H01H 21/04
2021/0098219	A1*	4/2021	Adami	H01H 71/04
2021/0202201	A1*	7/2021	Lagree	H01H 71/0264
2022/0076911	A1*	3/2022	Gonçalves De Villa	H01H 71/02

* cited by examiner

FIG. 1

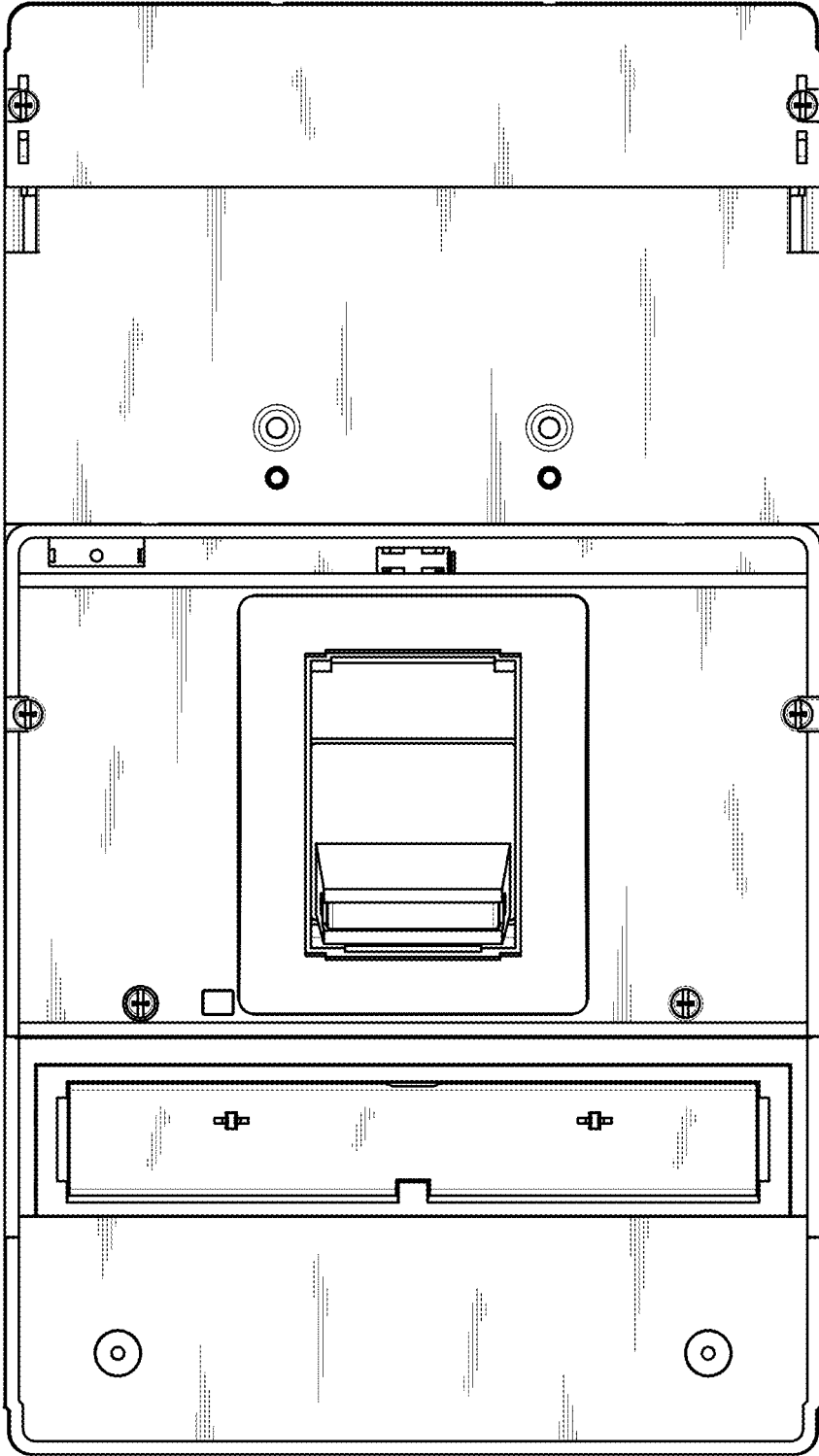


FIG.2

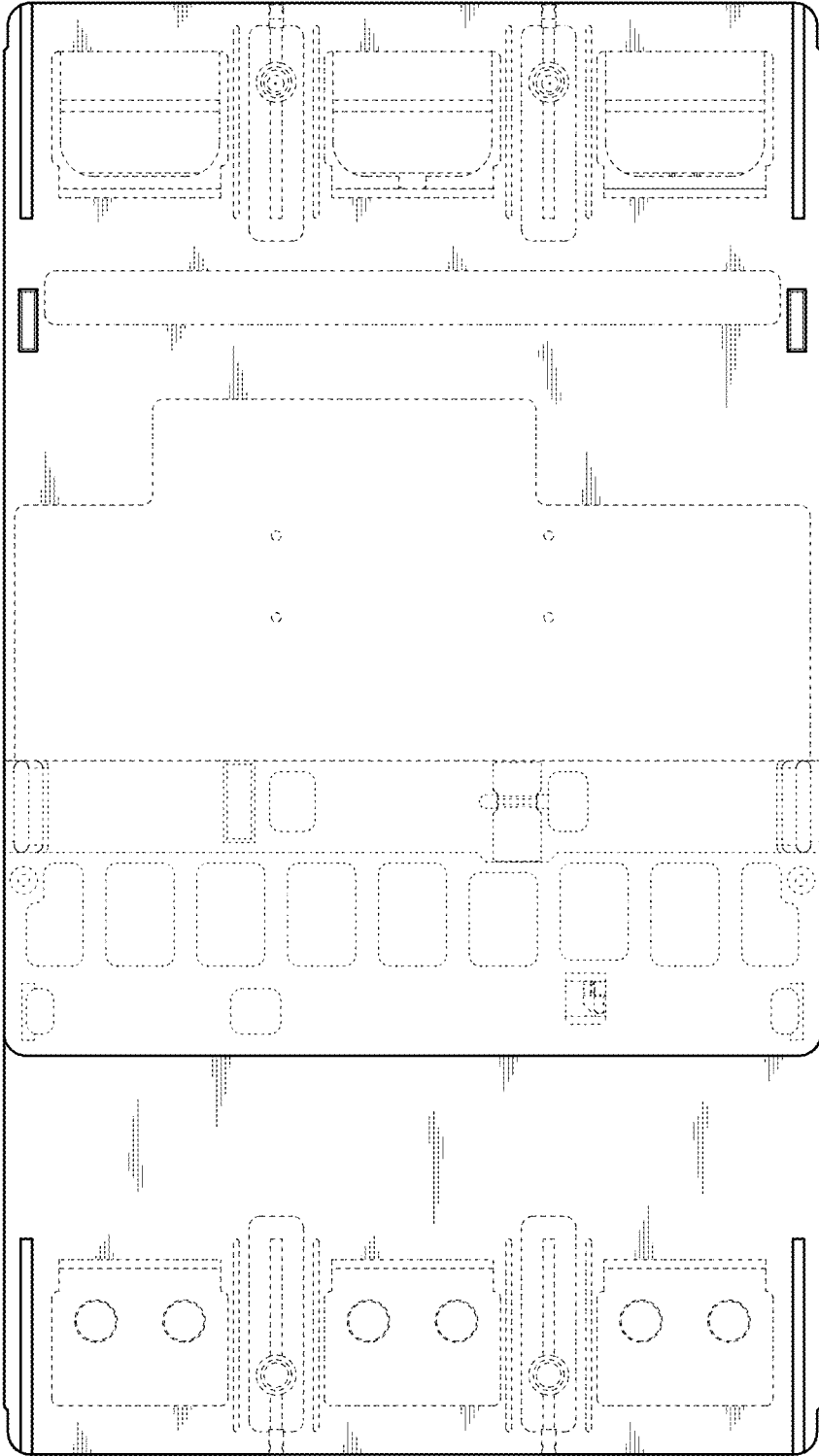


FIG.3

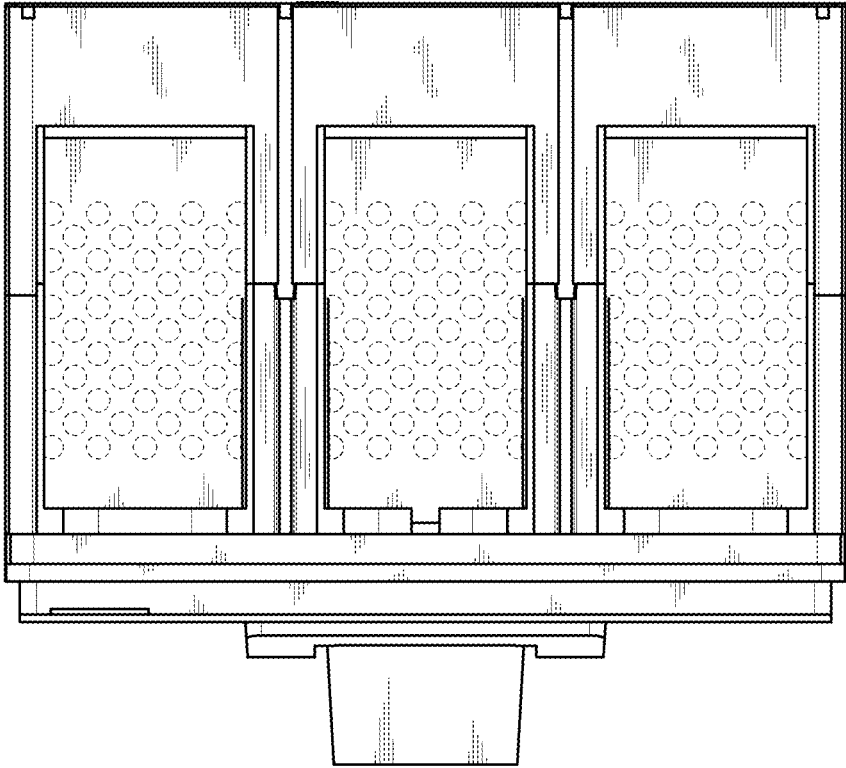


FIG.4

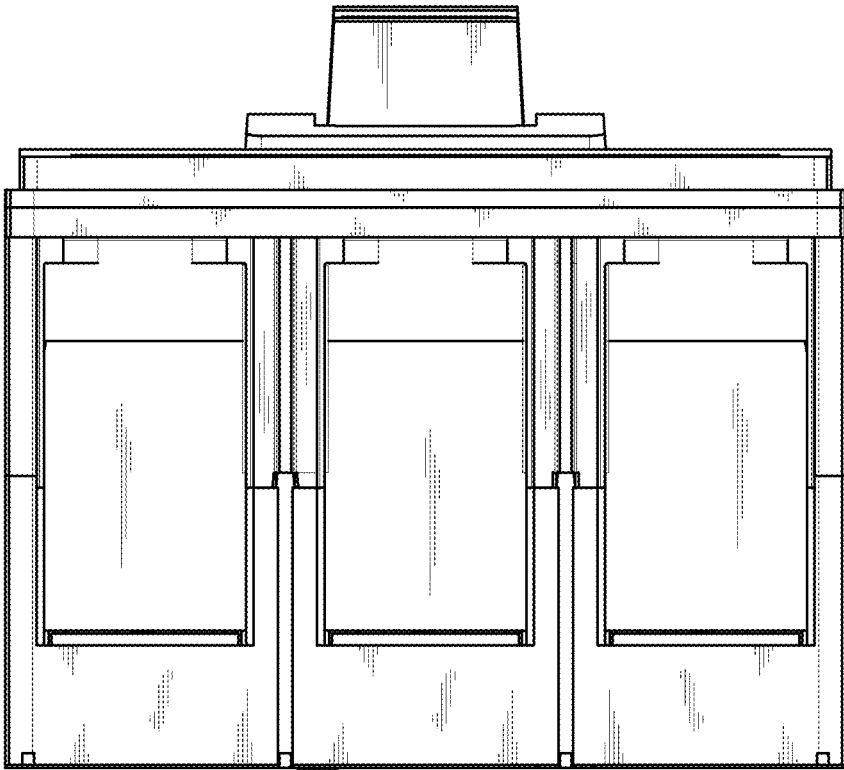


FIG.5

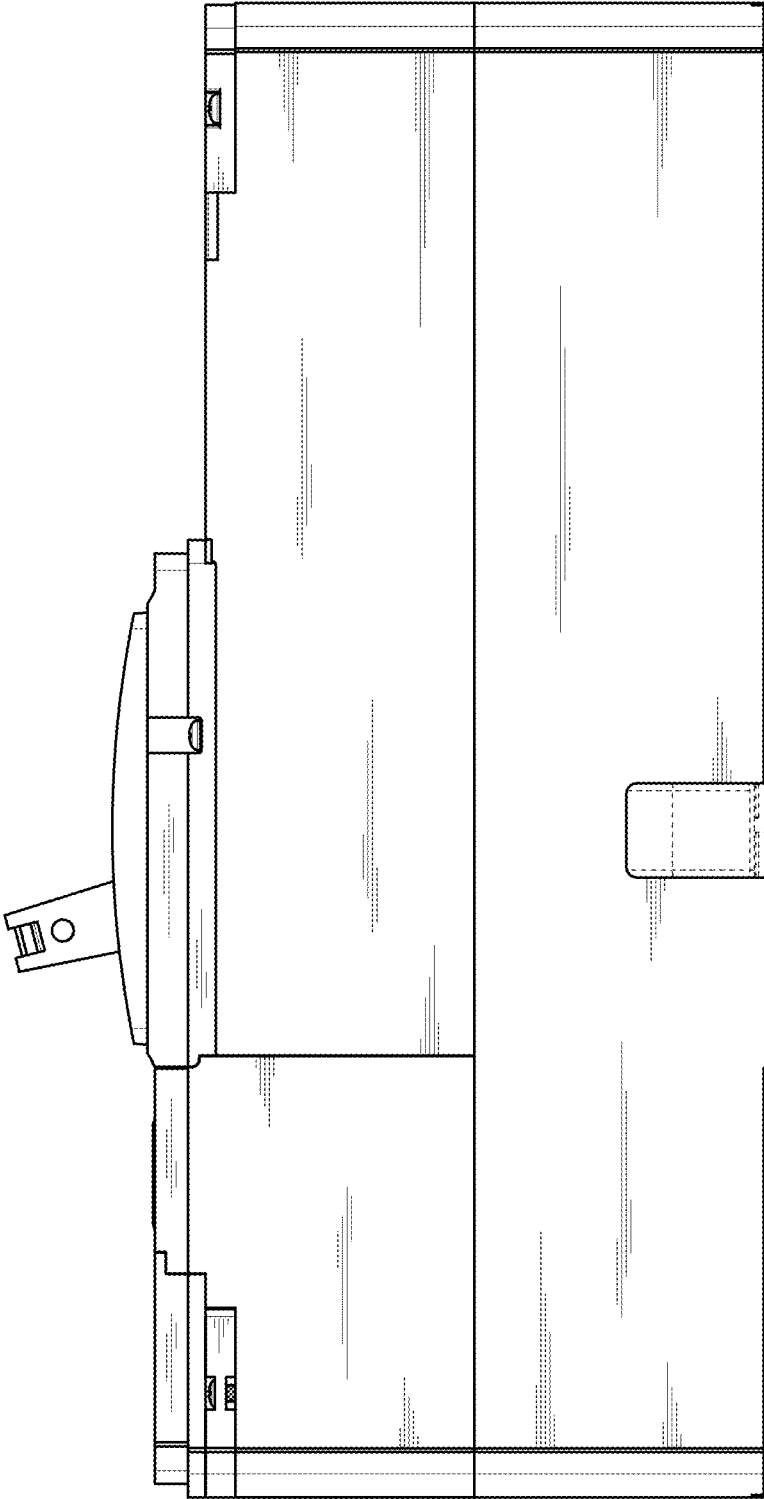


FIG.6

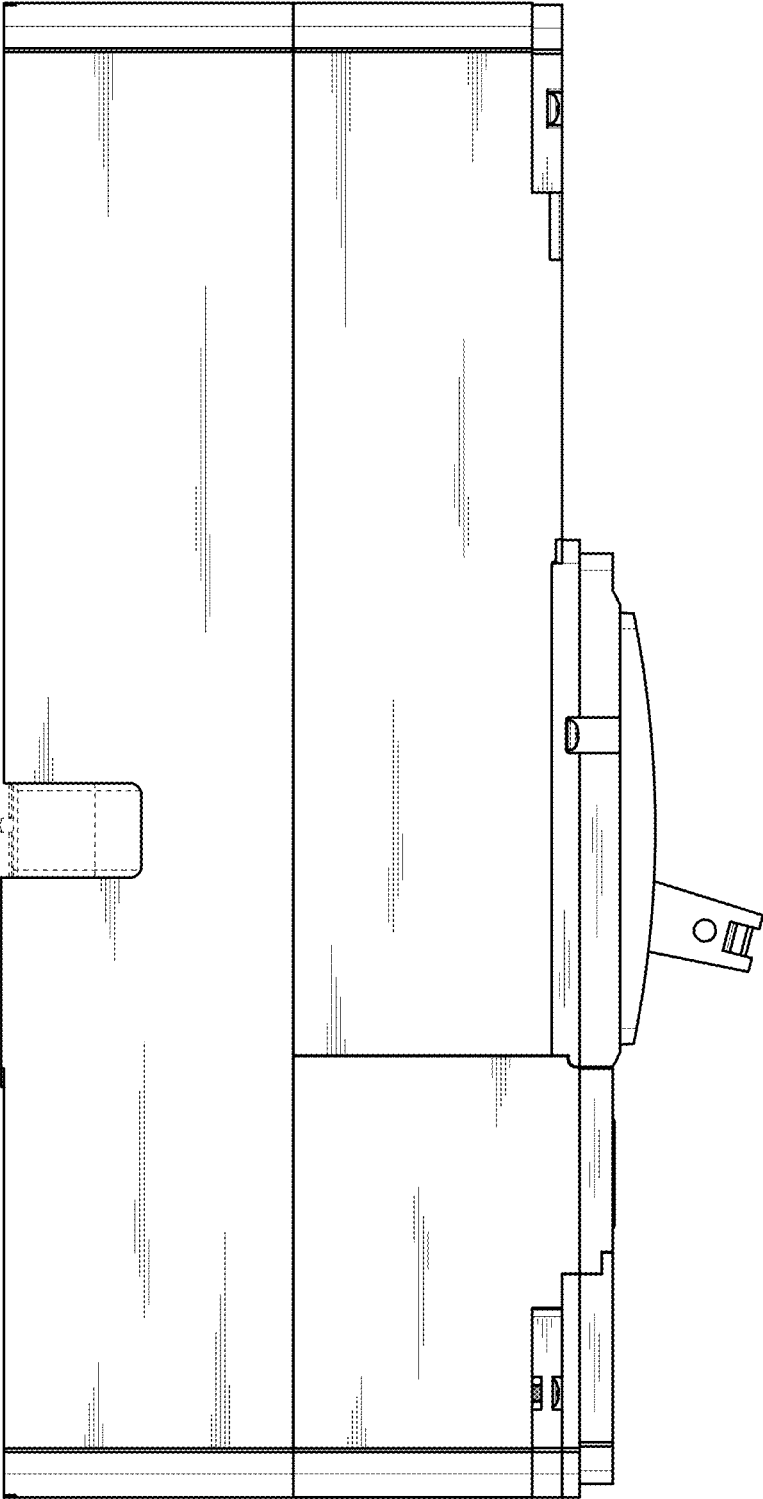


FIG. 7

