



US00D951884S

(12) **United States Design Patent** (10) **Patent No.:** **US D951,884 S**
Hess et al. (45) **Date of Patent:** **** *May 17, 2022**

(54) **SURGE PROTECTION DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **DEHN SE + Co KG**, Neumarkt (DE)

DE 40407035-0002 * 10/2005

(72) Inventors: **Michael Hess**, Neumarkt (DE); **Florian Gäck**, Neumarkt (DE); **Julius Maria Schrafl**, Neumarkt (DE)

OTHER PUBLICATIONS

BLITZDUCTORconnect: secR Modulverriegelung, dated Apr. 9, 2020, [online], [site visited Jul. 27, 2021]. Available from Internet, URL: <https://www.youtube.com/watch?v=-OvGjJITf0E&t=2s> (Year: 2020).*

(73) Assignee: **DEHN SE**, Neumarkt/Opf. (DE)

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

(Continued)

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

Primary Examiner — Shawn T Gingrich

(21) Appl. No.: **29/745,357**

(74) *Attorney, Agent, or Firm* — Millen, White, Zelano & Branigan, P.C.; William F. Nixon

(22) Filed: **Aug. 5, 2020**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a surge protection device, as shown and described.

Feb. 5, 2020 (EM) 007664156

(51) **LOC (13) Cl.** **13-03**

DESCRIPTION

(52) **U.S. Cl.**

USPC **D13/160**

(58) **Field of Classification Search**

USPC D13/123, 133, 158–162, 173, 178, 184, D13/199

CPC .. G06F 13/00; H01R 4/48; H01R 9/00; H01R 9/22; H01R 9/24; H01R 9/26; H05K 5/00; H05K 5/02

See application file for complete search history.

The patent or application contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 illustrates a front perspective view of a surge protection device showing our new design;

FIG. 2 illustrates a front elevational view thereof;

FIG. 3 illustrates a rear elevational view thereof;

FIG. 4 illustrates a right side elevational view thereof;

FIG. 5 illustrates a left side elevational view thereof;

FIG. 6 illustrates a top plan view thereof; and,

FIG. 7 illustrates a bottom plan view thereof.

The broken lines in the drawings illustrate portions of the surge protection device that form no part of the claimed design.

The unshaded surfaces form no part of the claimed design.

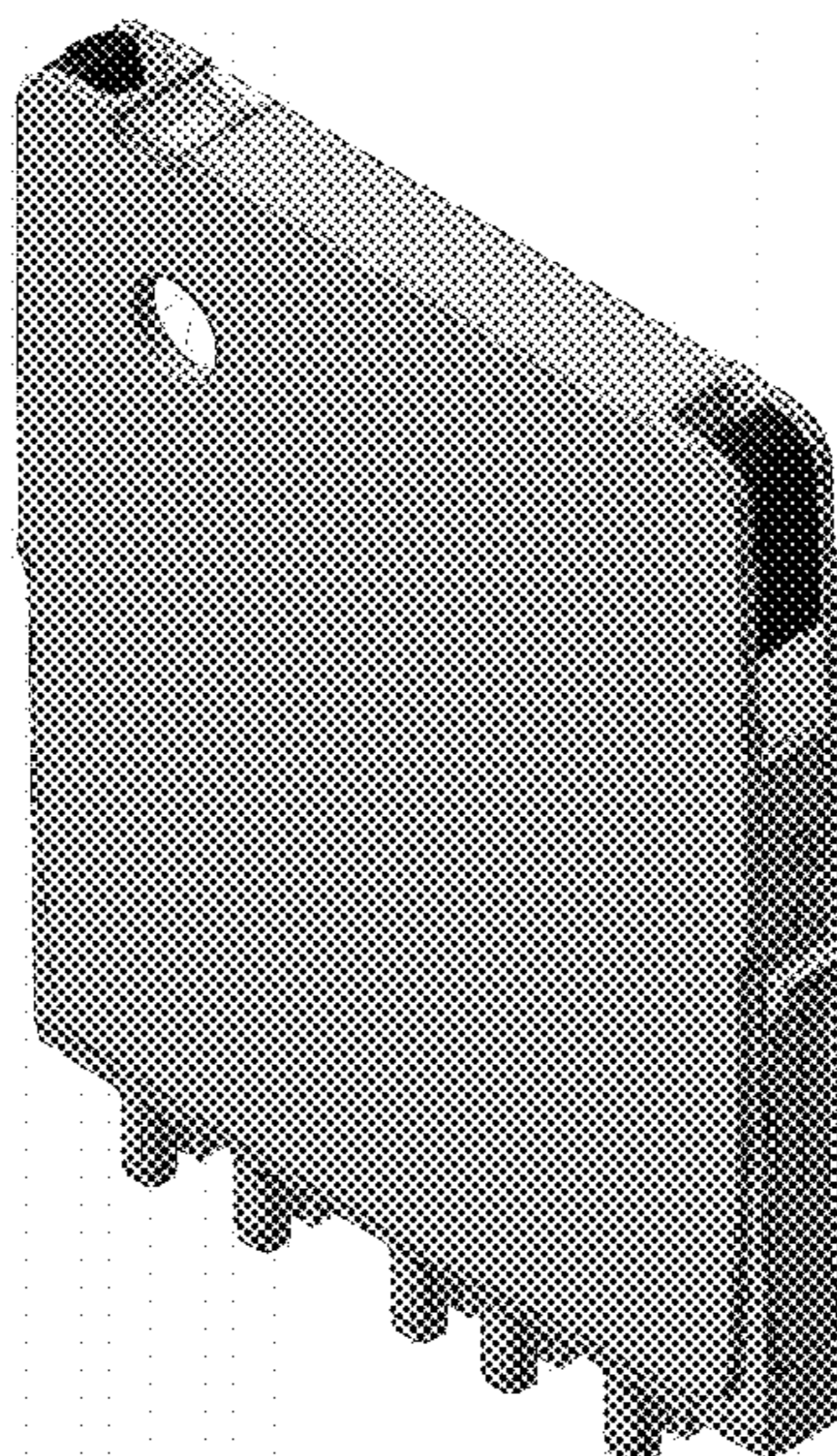
(56) **References Cited**

U.S. PATENT DOCUMENTS

D211,252 S *	6/1968	Hasegawa	.....	D14/188
D291,559 S *	8/1987	Narveson	.....	D13/199
D494,142 S *	8/2004	Schon	.....	D13/162
D567,191 S *	4/2008	Eichinger	.....	D13/158
D693,776 S *	11/2013	Skowranek	.....	D13/162
D700,897 S *	3/2014	Min	.....	D13/159
D732,483 S *	6/2015	Min	.....	D13/159

(Continued)

1 Claim, 7 Drawing Sheets
(7 of 7 Drawing Sheet(s) Filed in Color)



(56)

References Cited

U.S. PATENT DOCUMENTS

9,099,795 B2 * 8/2015 Hanses H04N 5/332
 D752,514 S * 3/2016 Hoppmann D13/133
 9,455,510 B2 * 9/2016 Busch H01R 13/633
 D811,349 S * 2/2018 Huettemeier D13/158
 D811,350 S * 2/2018 Huettemeier D13/158
 D836,468 S * 12/2018 Holmer D10/49
 D901,401 S * 11/2020 Mueller D13/159
 D901,402 S * 11/2020 Mueller D13/159
 2010/0146167 A1 * 6/2010 Rasche G05B 19/054
 710/100
 2013/0052884 A1 * 2/2013 Hanses H01R 9/2683
 439/816
 2019/0288411 A1 * 9/2019 Masaki H01R 9/223
 2020/0411259 A1 * 12/2020 Loos H01H 9/446

OTHER PUBLICATIONS

SD32X | MTL Surge Protection Device, dated Nov. 26, 2020, [online], [site visited Jul. 27, 2021]. Available from Internet, URL: <https://www.quicktimeonline.com/sd32x> (Year: 2020).*

Universeller Kombibleiter BLITZDUCTORconnect: Einfach. Sicher. Leistungsstark., dated Apr. 29, 2020, [online], [site visited Jul. 27, 2021]. Available from Internet, URL: https://www.youtube.com/watch?v=eoSKyoLiK44&list=PLG7416onBNnlUqbayXhJRcW67qjgXP_th&index=2 (Year: 2020).*

BLITZDUCTORconnect: Signalunterbrechung durch gedrehtes Stecken des Moduls, dated Apr. 9, 2020, [online], [site visited Jul. 27, 2021]. Available from Internet, URL: https://www.youtube.com/watch?v=Ea0ek0_Fqss (Year: 2020).*

* cited by examiner

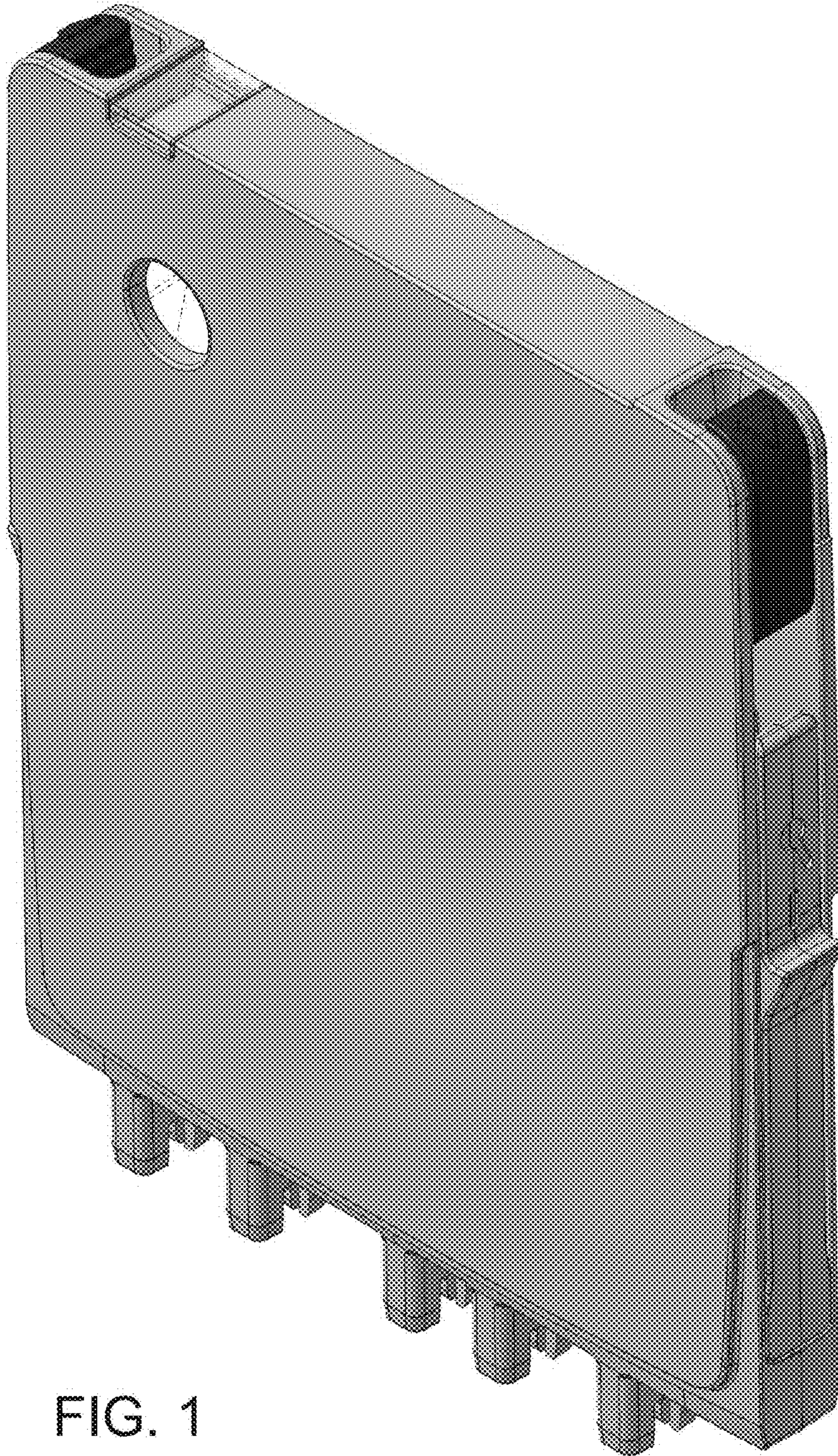


FIG. 1

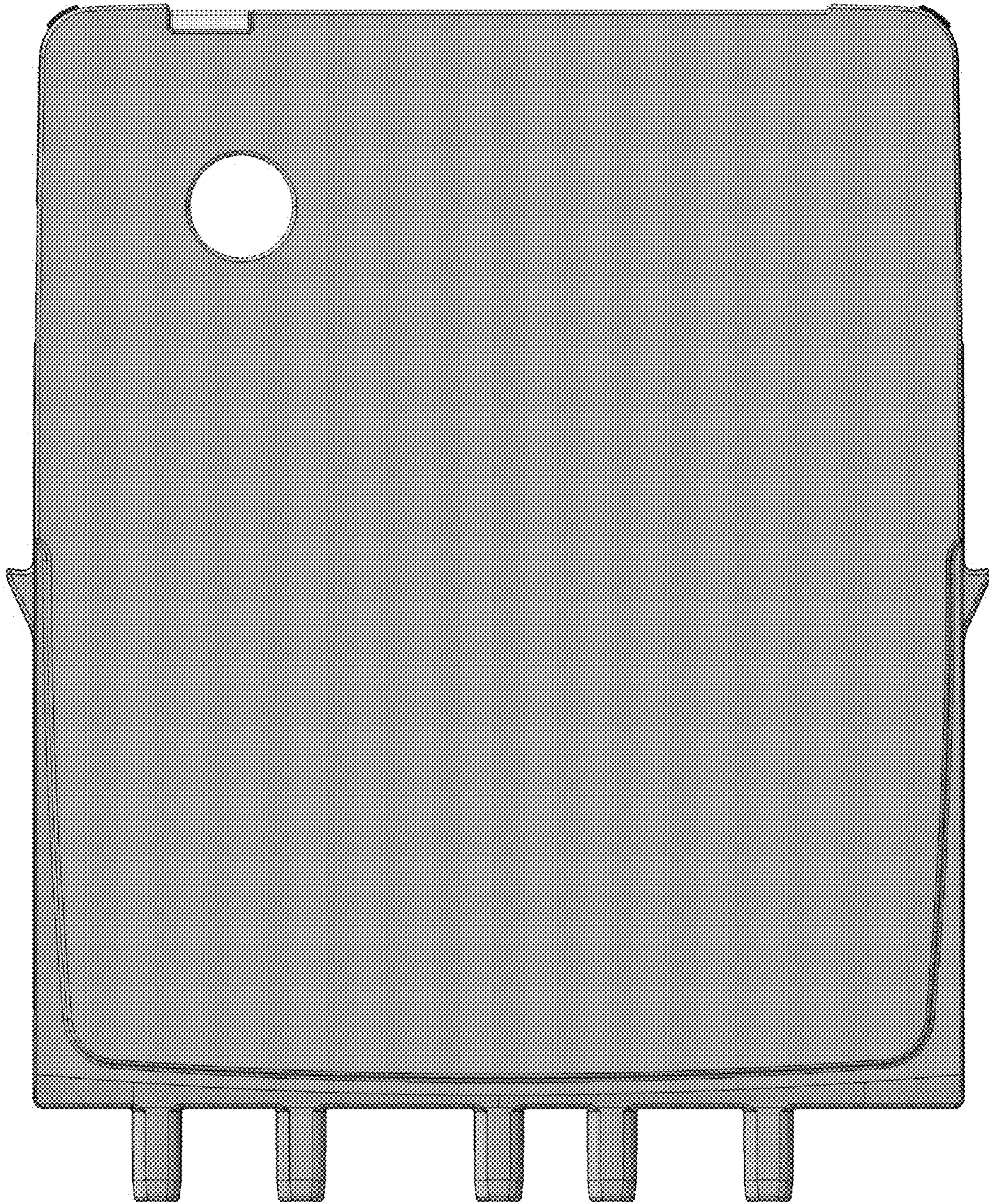


FIG. 2

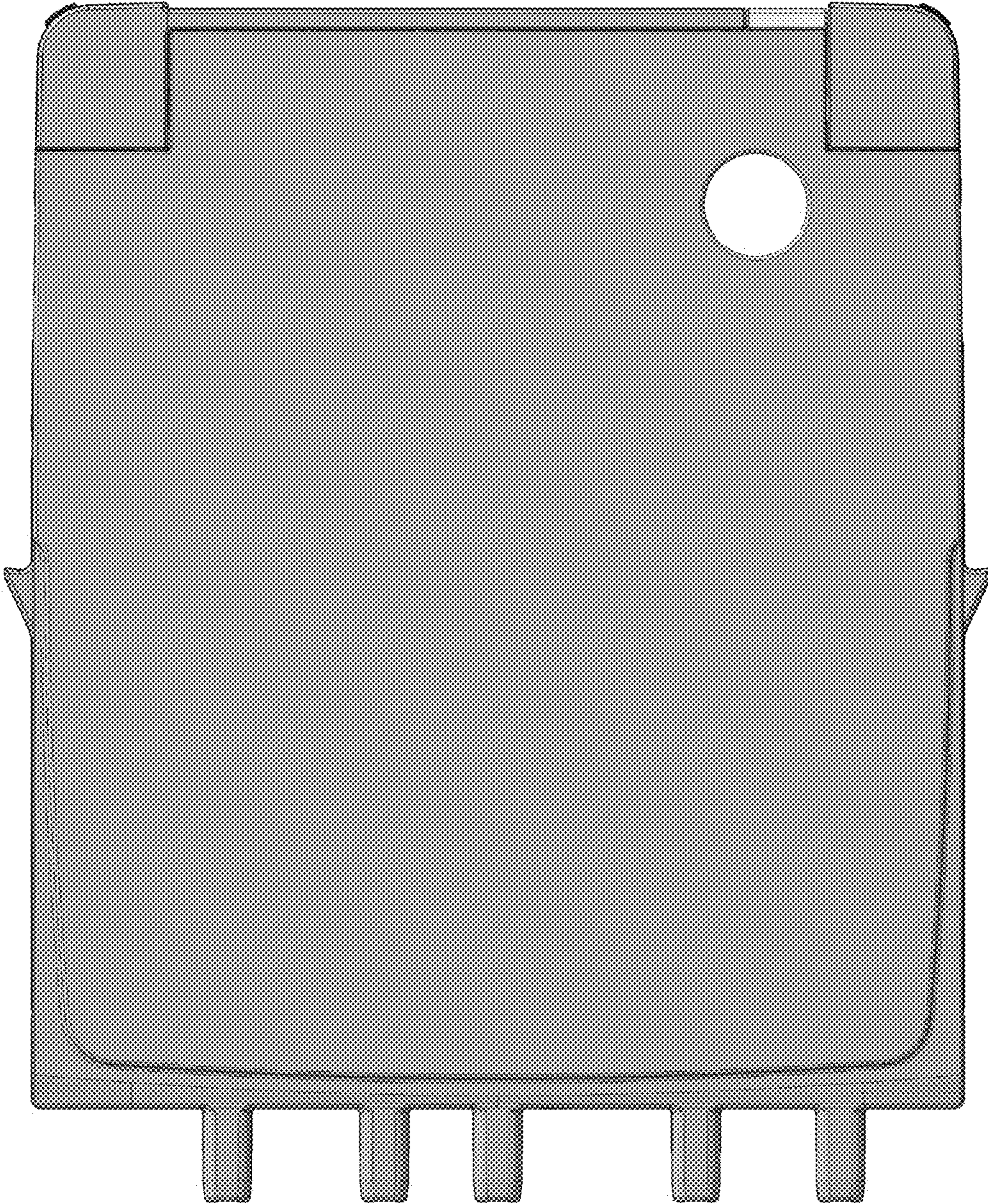


FIG. 3

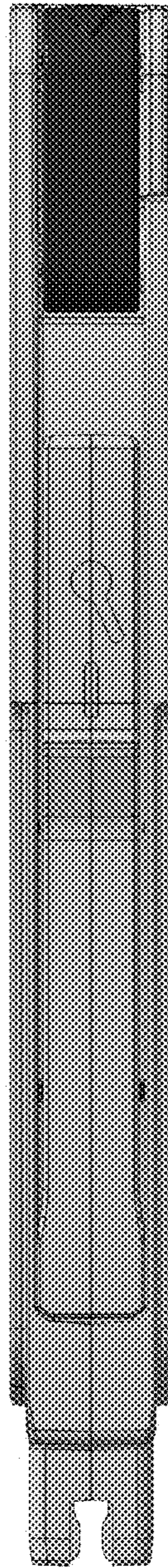


FIG. 4

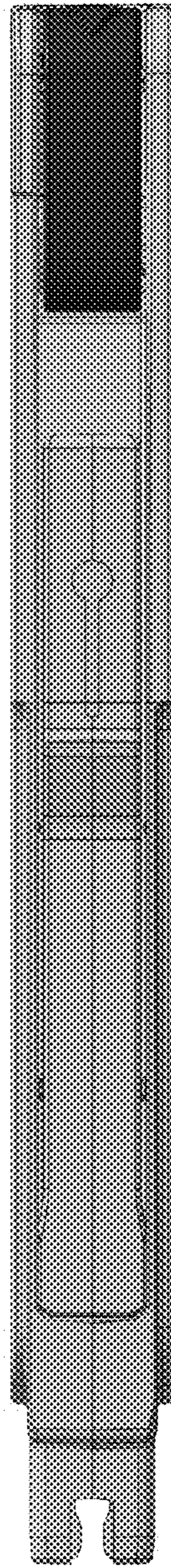


FIG. 5

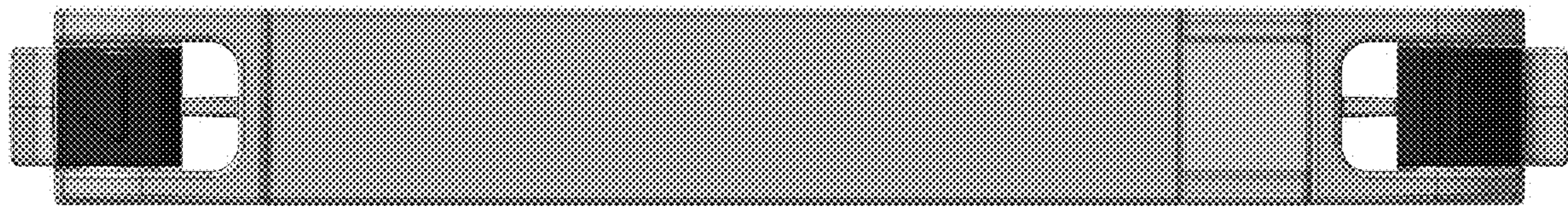


FIG. 6

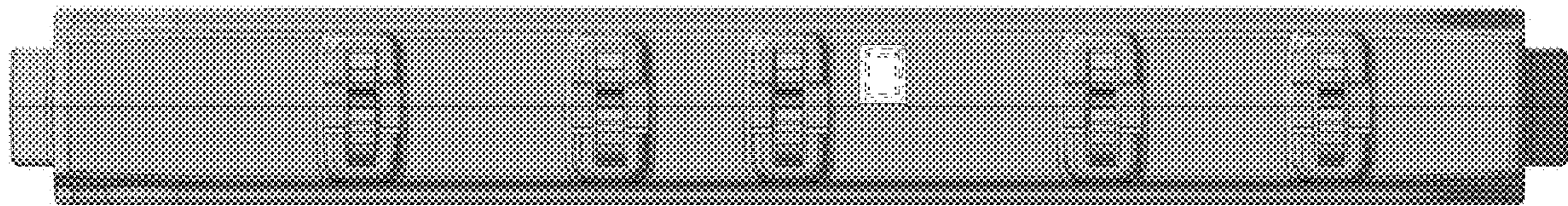


FIG. 7