



US0D1053828S

(12)

United States Design Patent

Winter et al.

(10)

Patent No.:

US D1,053,828 S

(45)

Date of Patent:

** Dec. 10, 2024

- (54) SWITCHING DEVICE
- (71) Applicant: Schneider Electric USA, Inc.,
Andover, MA (US)
- (72) Inventors: Tannan Whidden Winter, Fitchburg,
MA (US); Yee Hsien Tan, Grenoble
(FR)
- (73) Assignee: Schneider Electric USA, Inc., Boston,
MA (US)
- (**) Term: 15 Years
- (21) Appl. No.: 29/898,692
- (22) Filed: Jul. 31, 2023

Related U.S. Application Data

- (62) Division of application No. 29/756,810, filed on Oct.
30, 2020, now Pat. No. Des. 997,889.
- (51) LOC (14) Cl. 13-03
- (52) U.S. Cl.
USPC D13/160; D13/158
- (58) Field of Classification Search
USPC D13/123, 139.1–139.8, 158–160,
D13/162–162.1, 163–172, 173, 177–178,
D13/184, 199
CPC H02H 3/165; H02H 3/006; H02B 1/052;
H01R 9/223; H01R 4/28; H01H 9/287;
H01H 71/0257; H01H 71/025; H01H
71/0207; H01H 9/0264; E05B 55/005
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

- 5,060,107 A 10/1991 Castonguay
- 5,150,091 A * 9/1992 Hart H01H 9/0264
200/293
- D611,002 S * 3/2010 Azzola D13/160

- 7,869,170 B2 1/2011 Colsch et al.
- D633,446 S 3/2011 Besana et al.
- D735,143 S * 7/2015 Huhne D13/158
- D757,659 S 5/2016 Besana et al.
- D761,738 S * 7/2016 Hühne D13/158
- D793,965 S * 8/2017 Lecoanet D13/160
- D793,966 S 8/2017 Lecoanet et al.
- D798,244 S 9/2017 Lecoanet et al.
- D800,668 S * 10/2017 Lecoanet D13/160
- D804,430 S * 12/2017 Besana D13/160

(Continued)

OTHER PUBLICATIONS

BJA36050, Date: Feb. 2, 2019, [online], [site visited Aug. 21, 2023].
Available from internet, URL: <https://www.amazon.com/-/es/Square-BJA36050-Disyuntor-circuito-I%C3%ADnea/dp/B07NC8TP5T> (Year: 2019).*

(Continued)

Primary Examiner — Shawn T Gingrich
Assistant Examiner — Bryan N. Melvin
(74) Attorney, Agent, or Firm — Locke Lord LLP

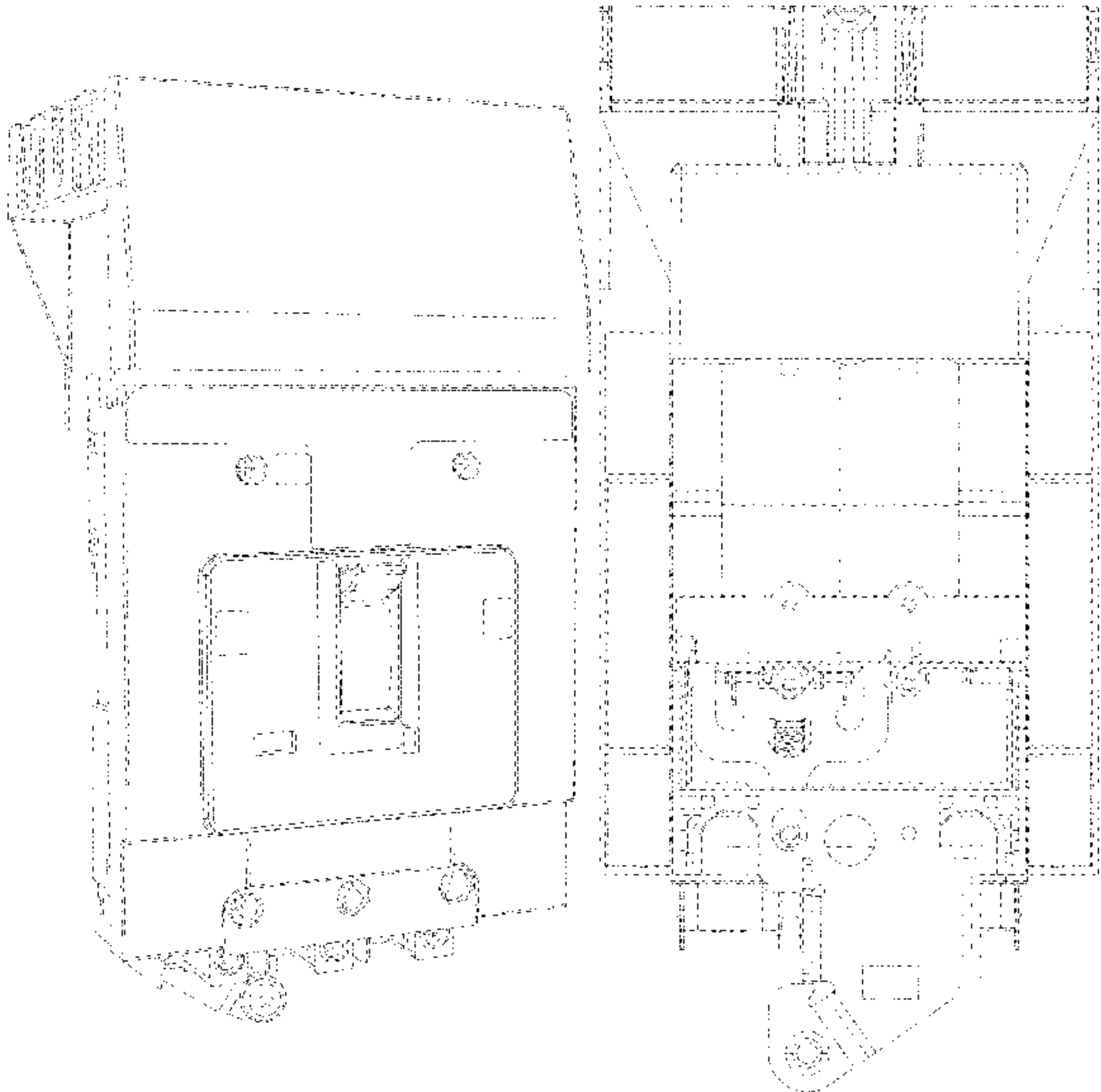
(57) CLAIM

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

DESCRIPTION

FIG. 1 is a front perspective view of a switching device;
FIG. 2 is a front view of a switching device;
FIG. 3 is a back view of a switching device;
FIG. 4 is a left view of a switching device;
FIG. 5 is a right view of a switching device;
FIG. 6 is a top view of a switching device;
FIG. 7 is a bottom view of a switching device; and,
FIG. 8 is another front view of a switching device with a
handle area omitted.
The broken lines in the drawings illustrate portions of a
switching device that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D807,833	S	1/2018	Lecoanet et al.	
D897,967	S	10/2020	Personeni et al.	
D904,987	S	12/2020	Choi	
D961,530	S *	8/2022	Tan	D13/160
D1,024,981	S *	4/2024	Plechinger	D13/160
2013/0220784	A1 *	8/2013	Castaneda Arriaga	
				H01H 71/025
				200/293
2013/0334174	A1	12/2013	Wehr	
2015/0349513	A1	12/2015	Kim	
2016/0268704	A1 *	9/2016	Jurek	H01R 4/28
2017/0236660	A1 *	8/2017	Cowans	E05B 55/005
				200/43.11
2017/0243710	A1 *	8/2017	Oh	H01H 71/025
2018/0082799	A1	3/2018	Zhang et al.	
2019/0140429	A1	5/2019	Mascarenhas et al.	
2020/0185177	A1 *	6/2020	Kim	H01H 71/0207

OTHER PUBLICATIONS

SB, Date: Oct. 5, 2022, [online], [site visited Aug. 21, 2023].
Available from internet, URL: <https://www.simplybreakers.com/products/bja36050> (Year: 2022).*

Catalog, Date: Jun. 1, 2021, [online], [site visited Aug. 21, 2023].
Available from internet, URL: <https://www.se.com/us/en/download/document/0611CT1603/> (Year: 2021).*

* cited by examiner

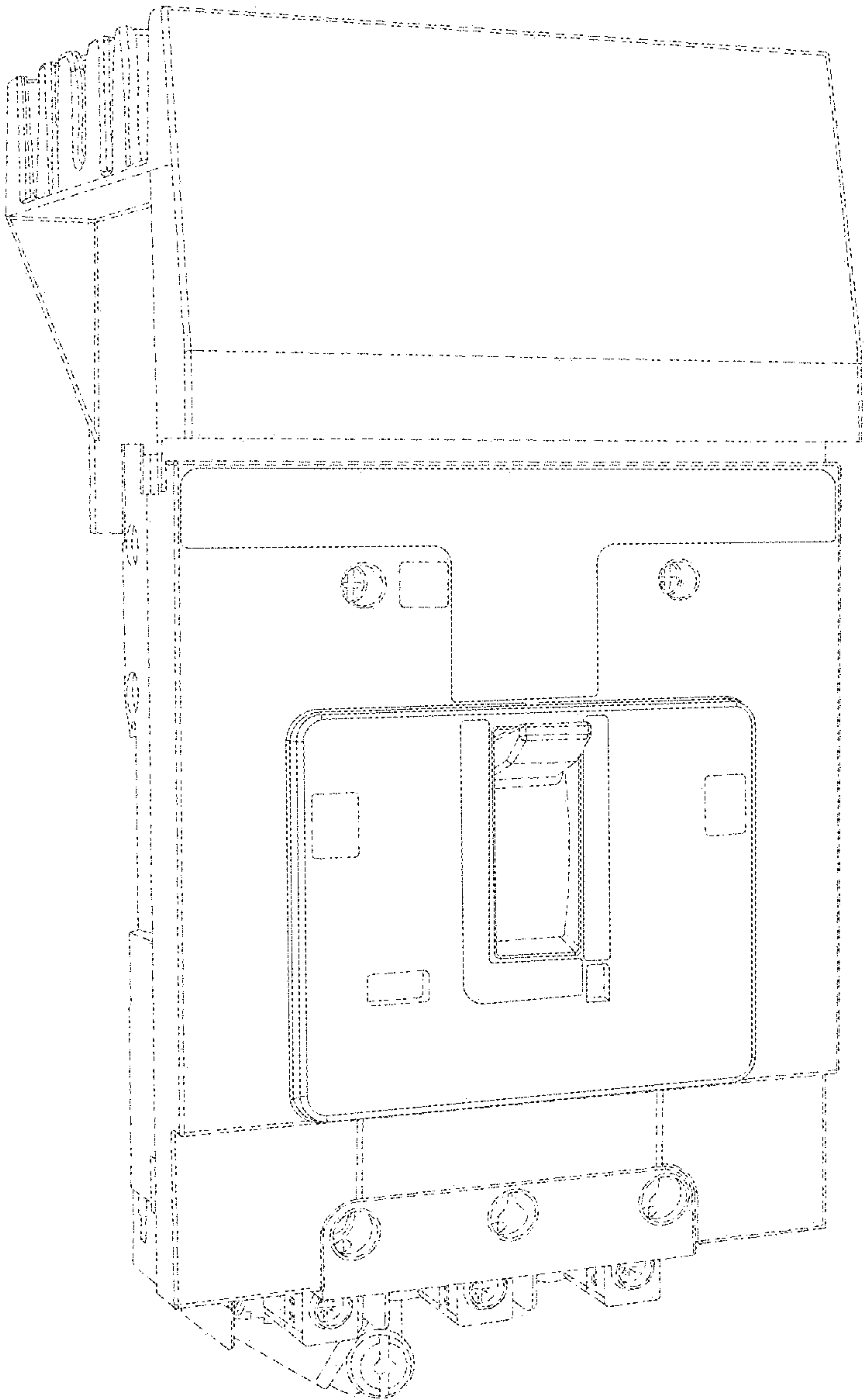


FIG. 1

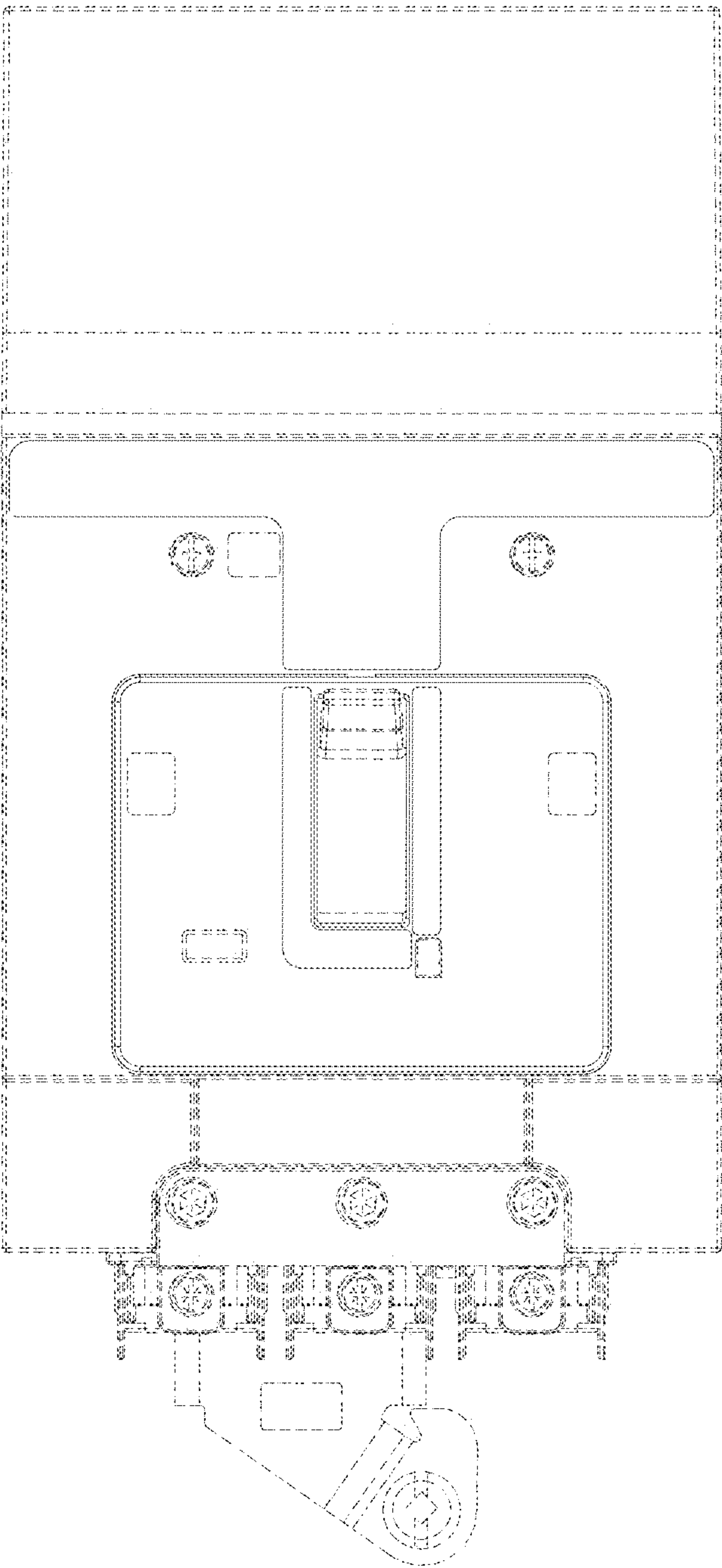


FIG. 2

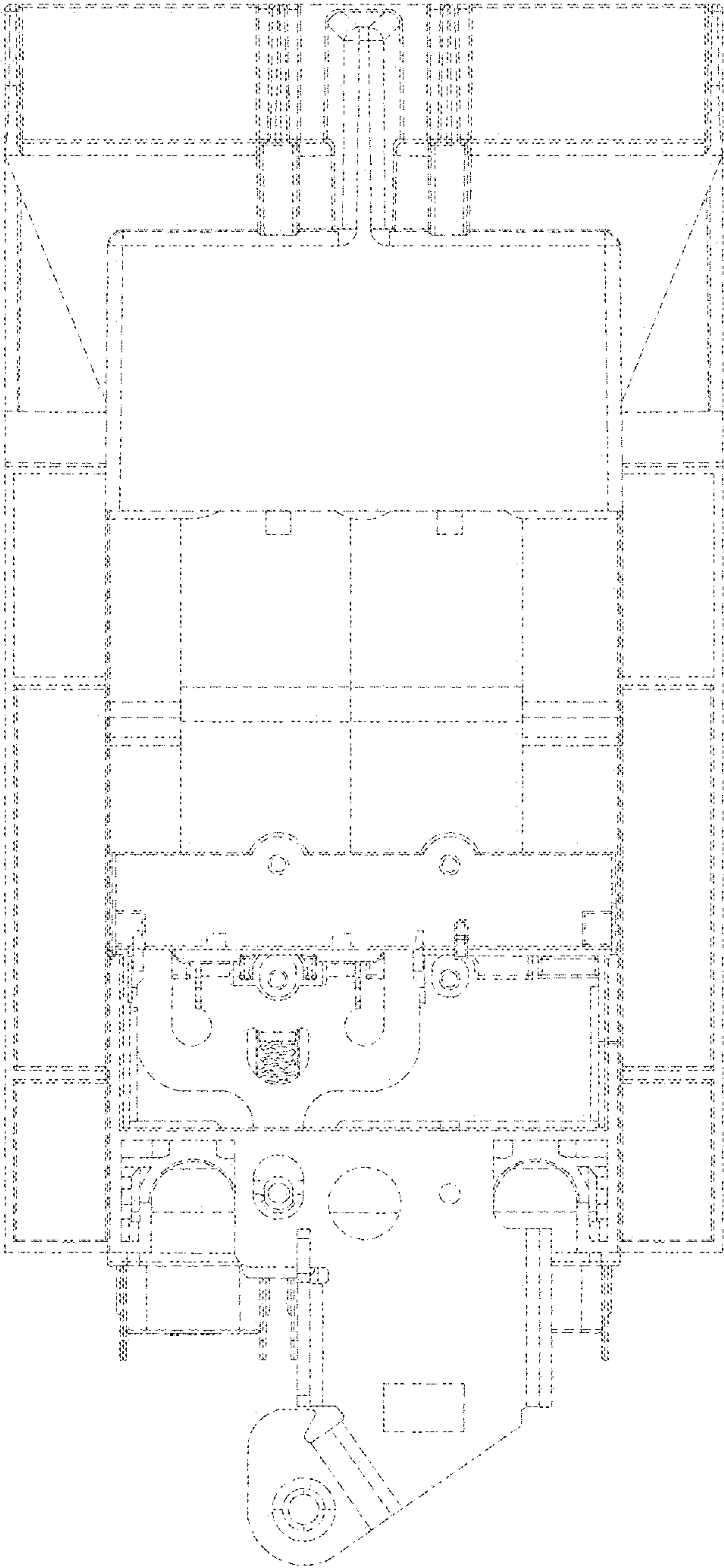


FIG. 3

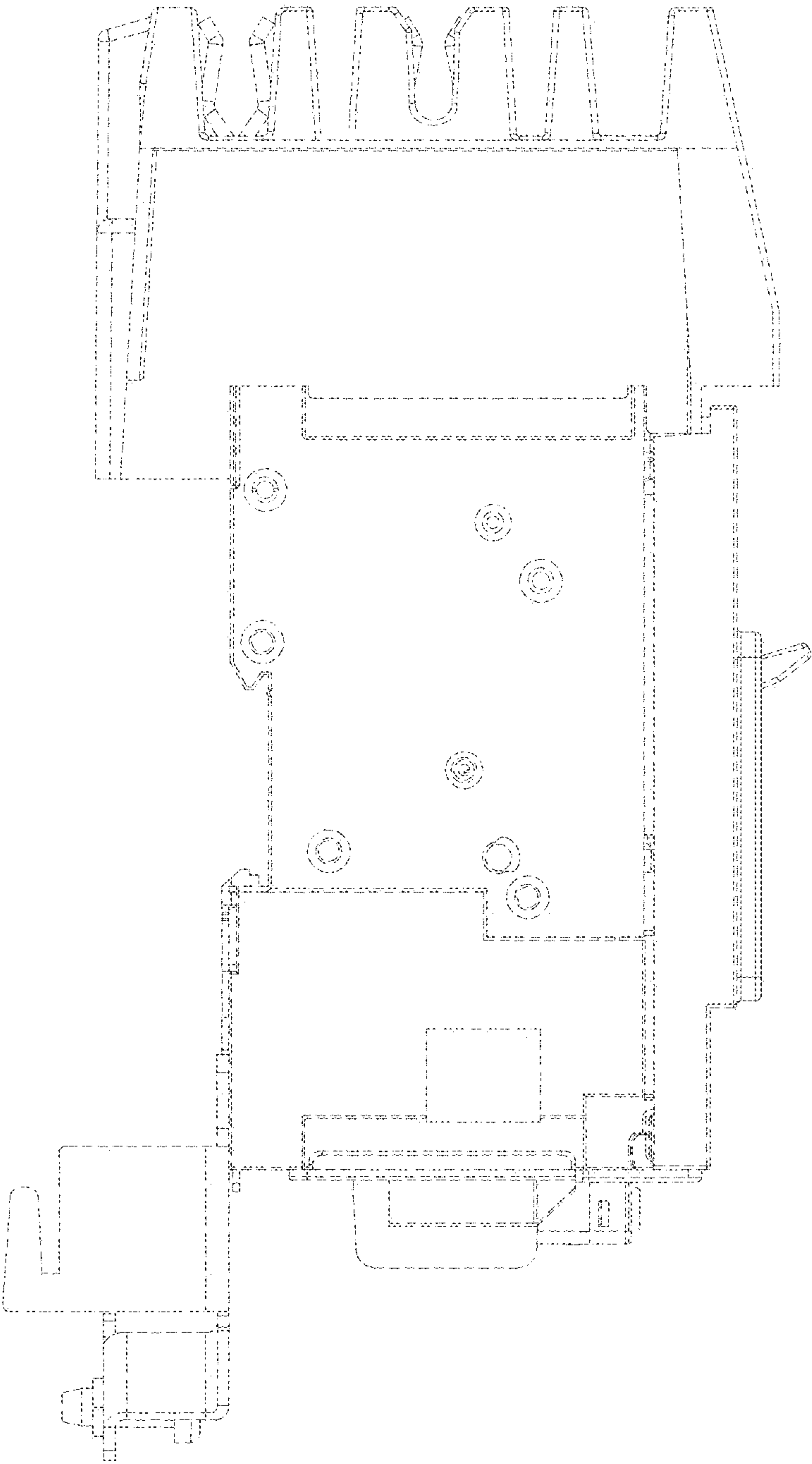


FIG. 4

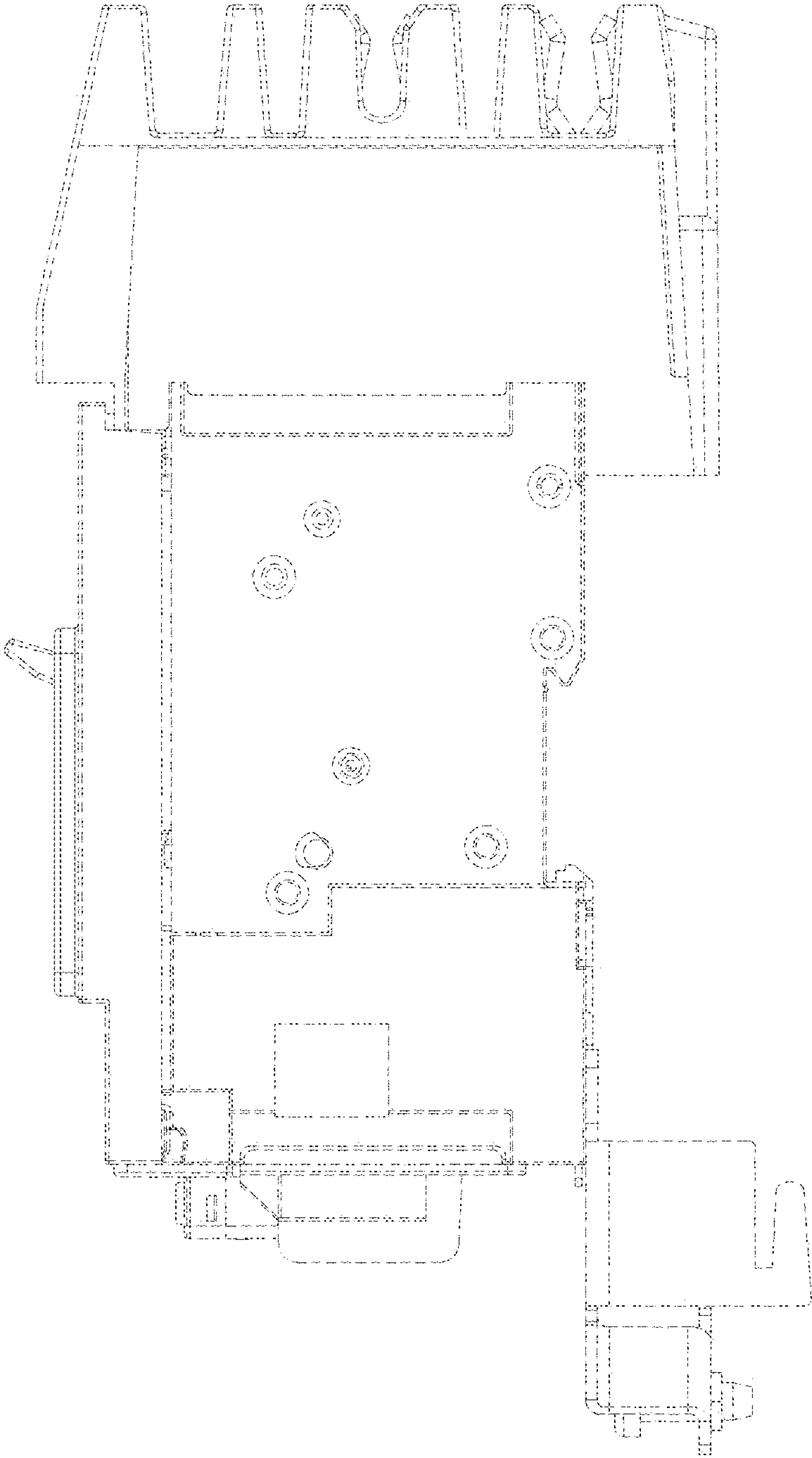


FIG. 5

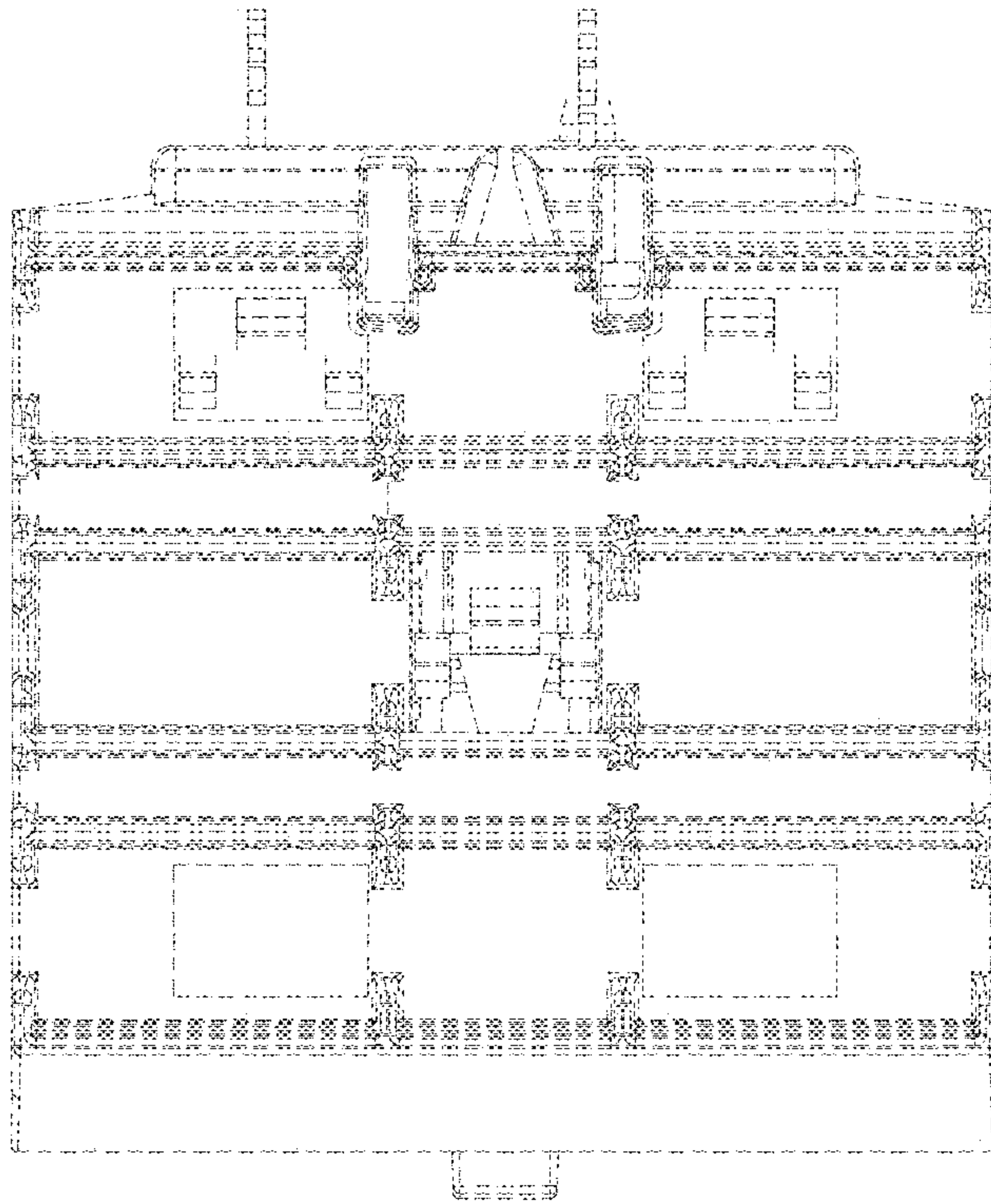


FIG. 6

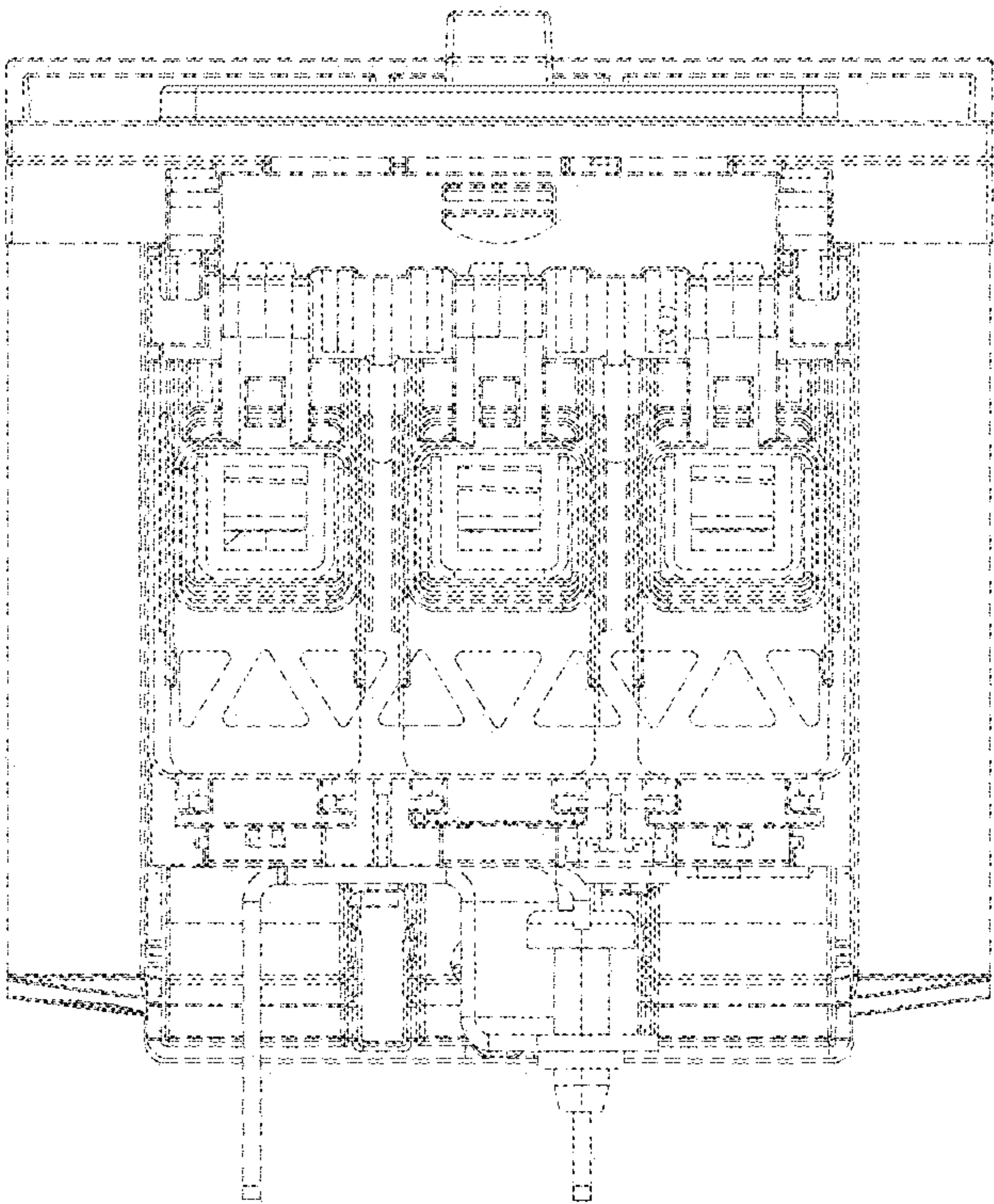


FIG. 7

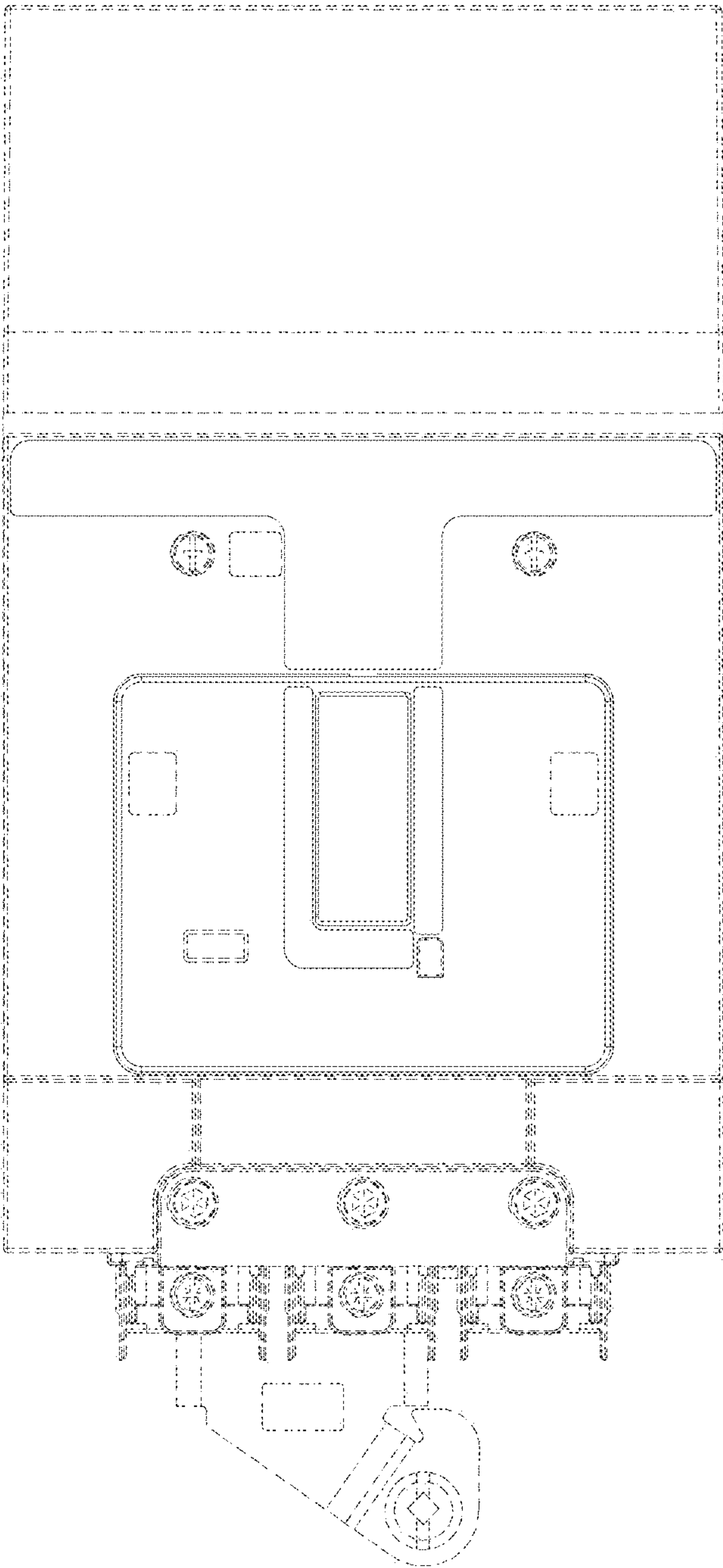


FIG. 8