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

(10) **Patent No.:** **US D899,432 S**
(45) **Date of Patent:** **** Oct. 20, 2020**

- (54) **IMAGE SENSOR FOR SCANNER**
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Tokyo (JP)
- (**) Term: **15 Years**
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- (22) Filed: **Nov. 4, 2019**

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400/613, 613.1-613.4, 690.1-690.4,
400/691-694; D26/1-3, 24, 56, 72,
(Continued)

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- (Continued)

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PC

(57) **CLAIM**

The ornamental design for an image sensor for scanner, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of an image sensor for scanner showing our new design;
 FIG. 2 is a rear, bottom and right side perspective view thereof;
 FIG. 3 is a front view thereof;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a left side view thereof;
 FIG. 6 is a right side view thereof;
 FIG. 7 is a top view thereof;
 FIG. 8 is a bottom view thereof;
 FIG. 9 is an enlarged view of a part of FIG. 1 thereof;
 FIG. 10 is an enlarged view of a part of FIG. 3 thereof; and,
 FIG. 11 is an enlarged left side view thereof.

The broken lines depict unclaimed features of the image sensor for scanner that form no part of the design claim but are shown for purposes of illustration.
 The dot-dash lines depict the boundary between the claimed and unclaimed areas of the image sensor for scanner.

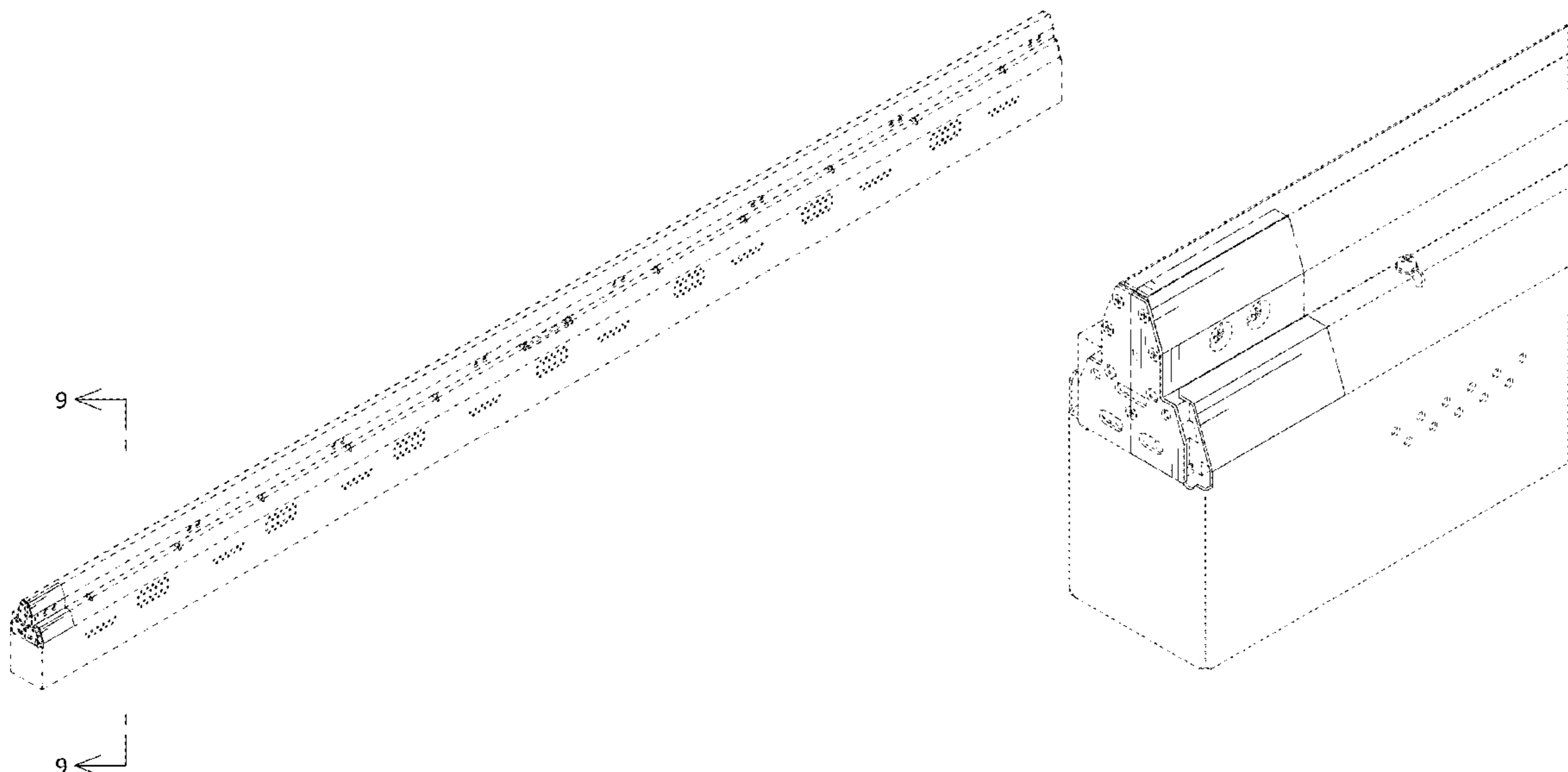
Related U.S. Application Data

- (62) Division of application No. 29/632,256, filed on Jan. 5, 2018, now Pat. No. Des. 885,389.

Foreign Application Priority Data

- Sep. 4, 2017 (JP) 2017-019058
- Sep. 4, 2017 (JP) 2017-019059
- Sep. 4, 2017 (JP) 2017-019060
- Sep. 4, 2017 (JP) 2017-019061
- (51) **LOC (12) Cl.** **14-02**
- (52) **U.S. Cl.**
USPC **D14/453**; D14/420; D14/421
- (58) **Field of Classification Search**
USPC D14/421-425, 420; D18/55, 49, 46, 40,
D18/36-39, 41, 44, 45, 47, 48, 50-54,
D18/56; 235/462, 455, 470, 462.43, 482,
235/483, 462.21, 472.01, 435, 439, 440,
235/446, 454, 461, 462.32, 462.35,
235/462.41, 462.42, 463; 358/474, 486,
358/488, 496, 497, 498, 452, 449, 451,
358/453, 1.13; 318/685, 696; 355/81,
355/75; 399/405, 367, 379, 380;

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**

USPC D26/74-86, 88-91, 25; D13/180, 182;
 362/150, 217.01-217.09, 217.1, 217.12,
 362/217.13, 260, 364, 365, 366, 404, 555,
 362/576, 800, 14, 148, 296.01
 CPC .. D07G 1/0036; D07G 1/0045; D07G 1/0063;
 D07G 1/0072; D07G 1/009; G08B
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 G08B 13/194; G08B 13/246; G08B
 13/2462; G08B 13/2465; A47F 9/04;
 A47F 9/046; A47F 9/047; A47F 9/048;
 A47F 10/02; A47F 2010/005; A47F
 2010/025; G06K 7/10693; G06K
 7/10712; G06K 7/10722; G06K 7/10792;
 G06K 7/10801; G06K 7/10811; G06K
 7/10831; G06K 7/10851; G06K 7/10861;
 G06K 7/10871; G06K 7/1096; G06K
 7/1097; G06K 7/1098; G06K 7/12; G06K
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 G06K 7/1426; G06K 7/143; G06K
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 7/1456; G06K 7/146; G06K 7/1465;
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 G06K 2007/10485; G06K
 7/10544-10762; G06K 7/10821-10871;
 G06K 2004/14; G06K 2007/1404-1495;
 G06K 2207/00; G06K 2207/1011-1018;
 G01G 19/4144; G01G 21/22; G01G
 21/28; G01G 23/32; G01G 23/34; G01G
 23/35; G01G 23/375; G01G 23/38; G01G
 23/44; G07G 1/0063; G07G 1/0072;
 G07G 3/006; G02B 5/09; G02B 6/00;
 G06T 2211/00; H04N 1/0313-032; H04N
 1/02815-02895; H04N 1/0249; H04N
 1/02481; H04N 1/00; H04N 1/12; H04N
 1/00013; H04N 1/00015; H04N 1/00018;
 H04N 1/00026; H04N 1/00557; H04N
 1/00564; H04N 1/0567; H04N 1/0057;
 H04N 1/00572; H04N 1/00586; H04N
 1/00588; H04N 1/00594; H04N 1/00596;
 H04N 1/00604; H04N 1/00519; H04N
 1/00559; H04N 1/00551; H04N 1/00275;
 H04N 1/1013; H04N 1/10; H04N
 5/2251-2256; H04N 2201/02456; H04N
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 2201/03468; H04N 2201/02485; H04N
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 2201/0456; H04N 2201/0446; H04N
 2201/00; H04N 2201/0094; H01L
 27/14618-14643; H01L 27/14649; H01L
 27/14652; H01L 27/14658-1467; H01L
 31/0232-02327; H01L 27/1055; H01L
 27/14; G03G 15/0142; G03G 15/605;
 G03G 15/602; F21S 2/00; F21S 4/00;
 F21S 4/003; F21S 4/005; F21S 4/006;
 F21S 4/007; F21S 4/008; F21S 6/00;
 F21S 8/00; F21S 8/024; F21S 8/026;
 F21S 8/031; F21S 8/033; F21S
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See application file for complete search history.

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					2018/0131832	A1 *	5/2018	Tsumekawa	G02B 6/001
					2019/0281180	A1 *	9/2019	Suto	G02B 6/0031

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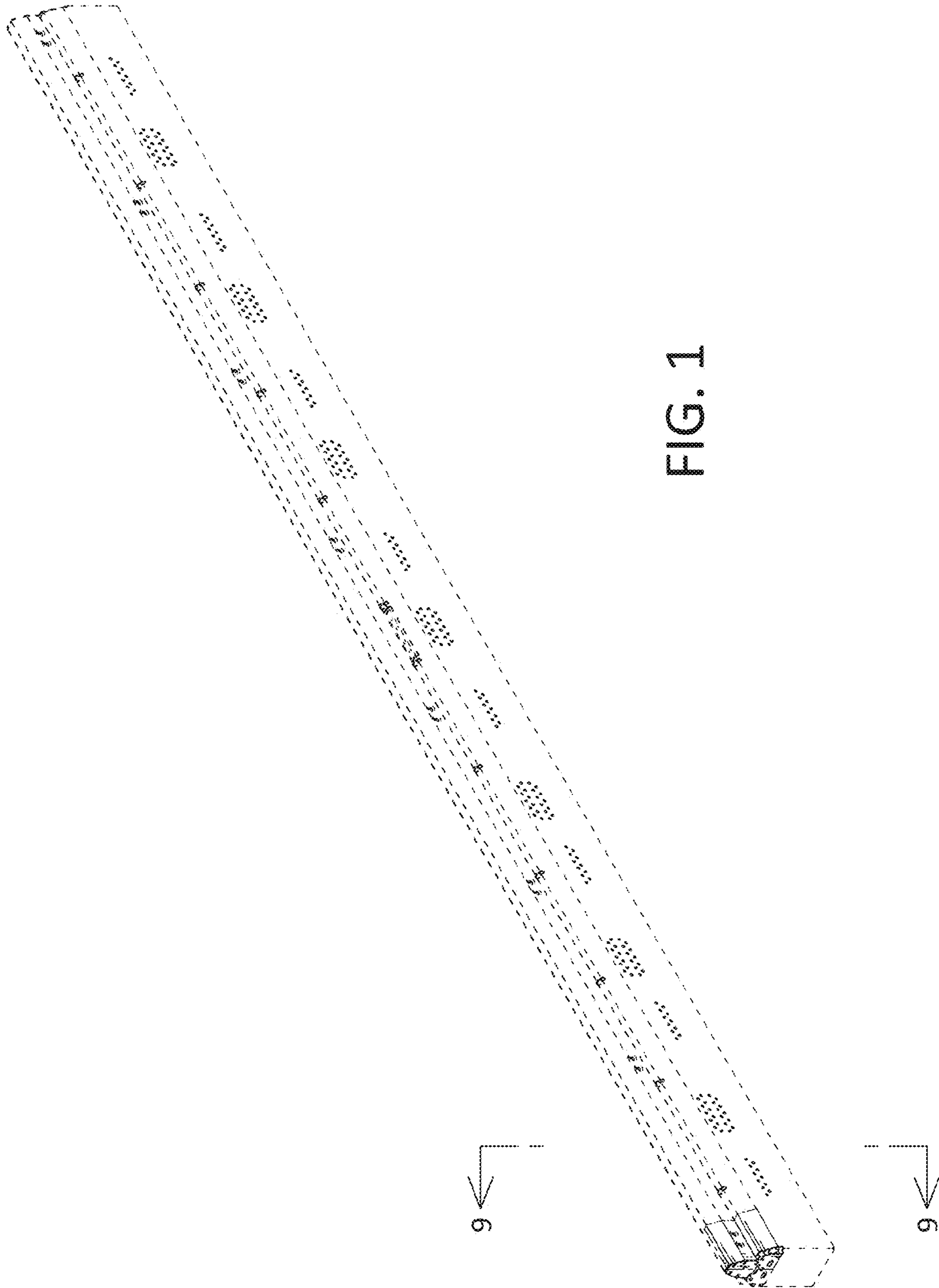


FIG. 1

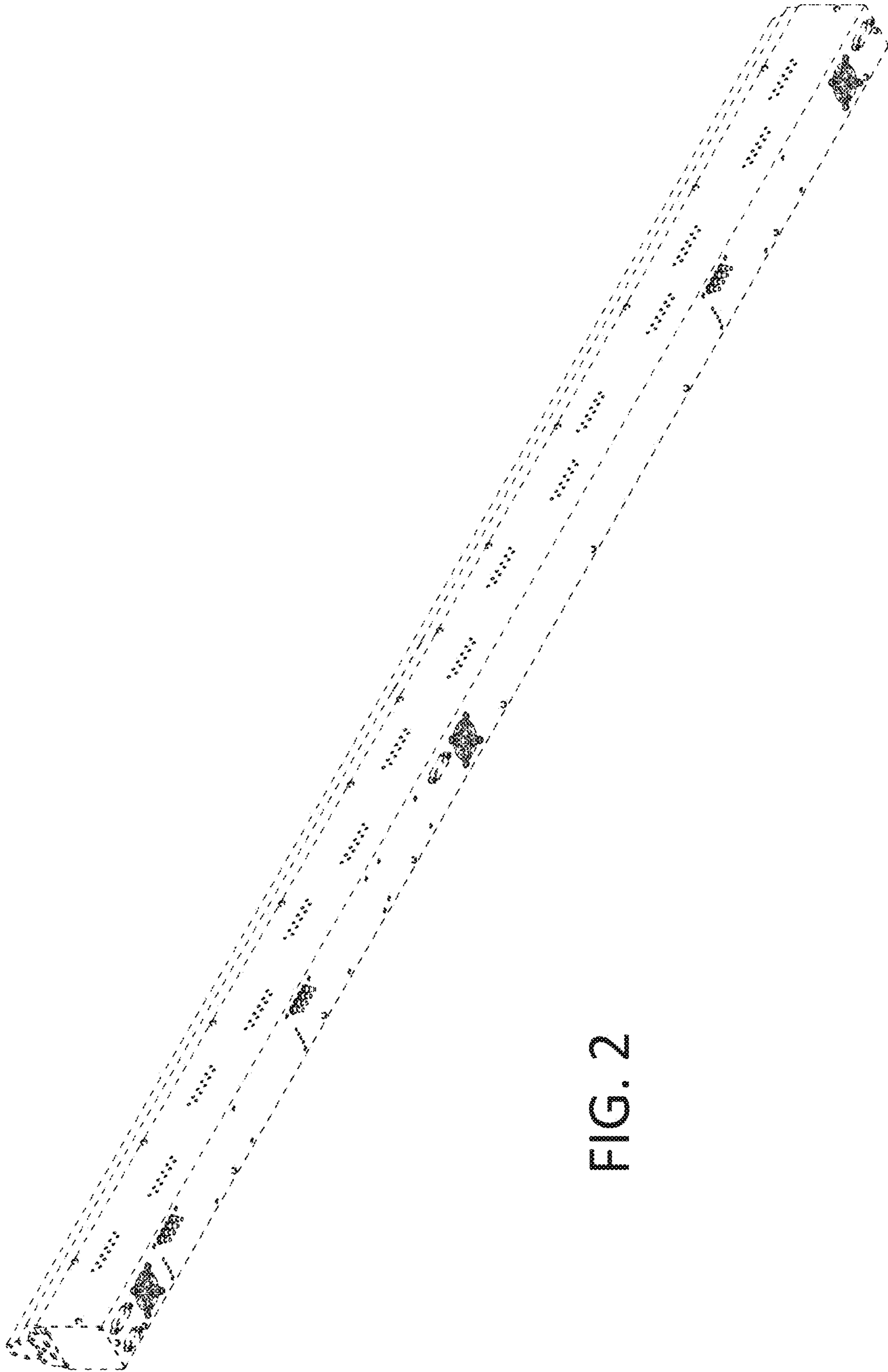


FIG. 2

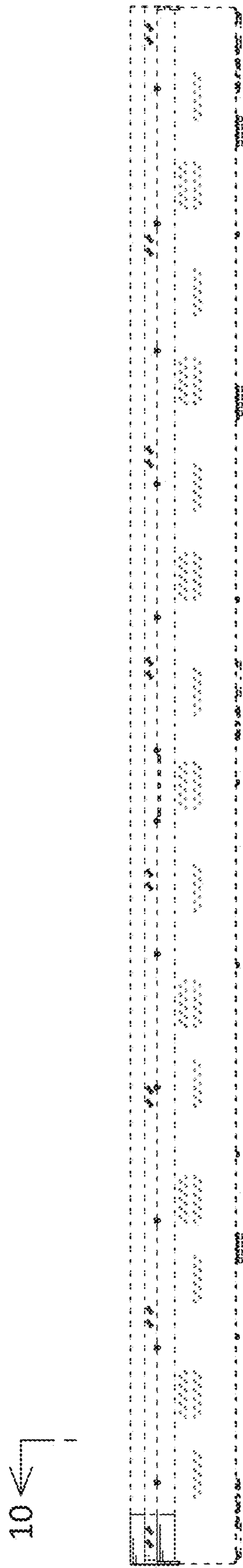


FIG. 3

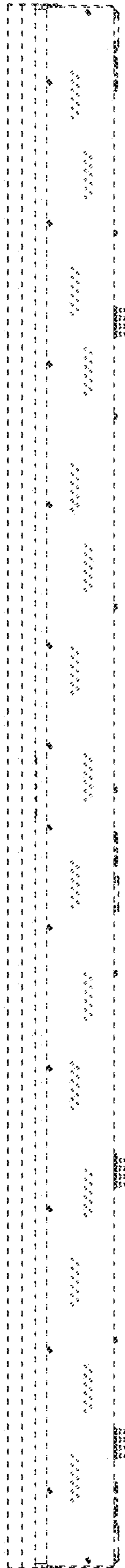


FIG. 4

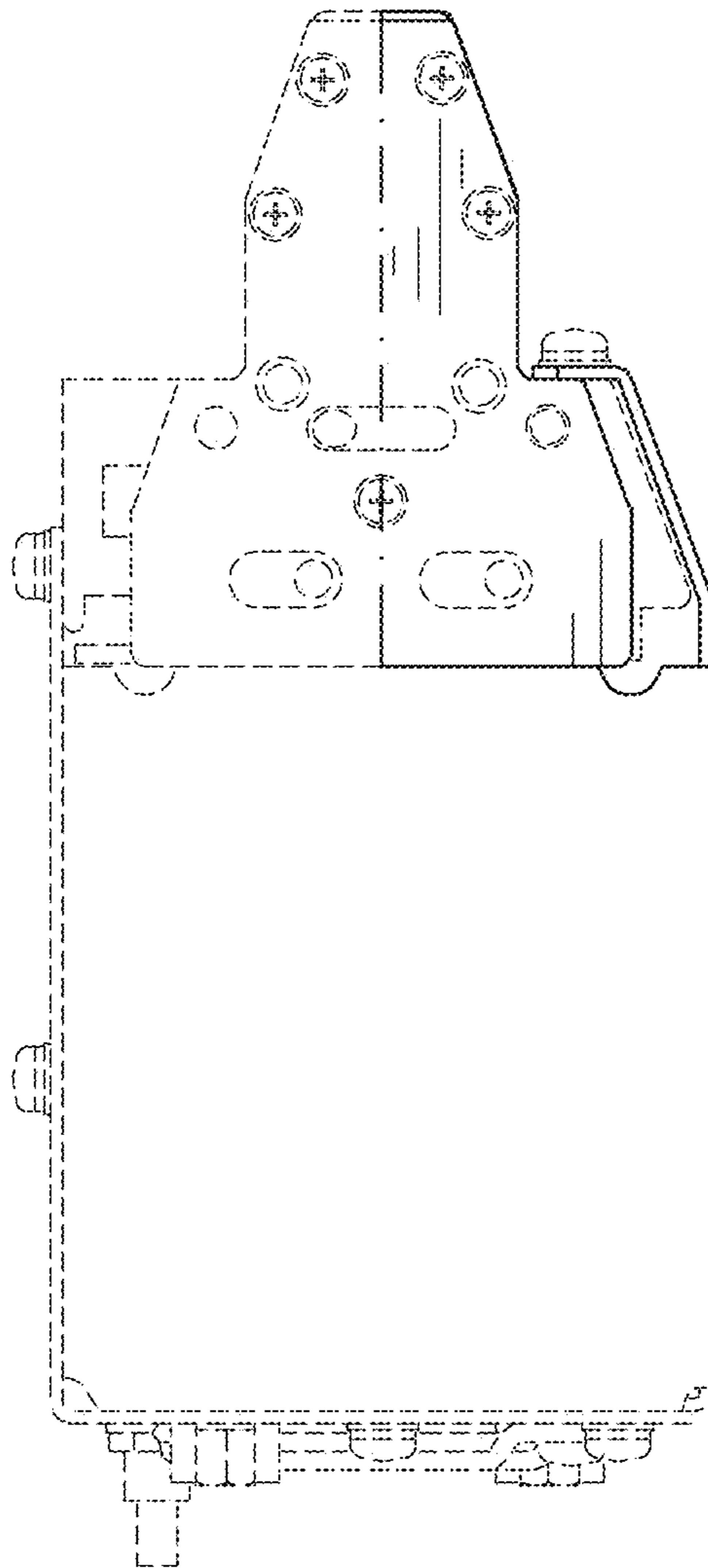


FIG. 5

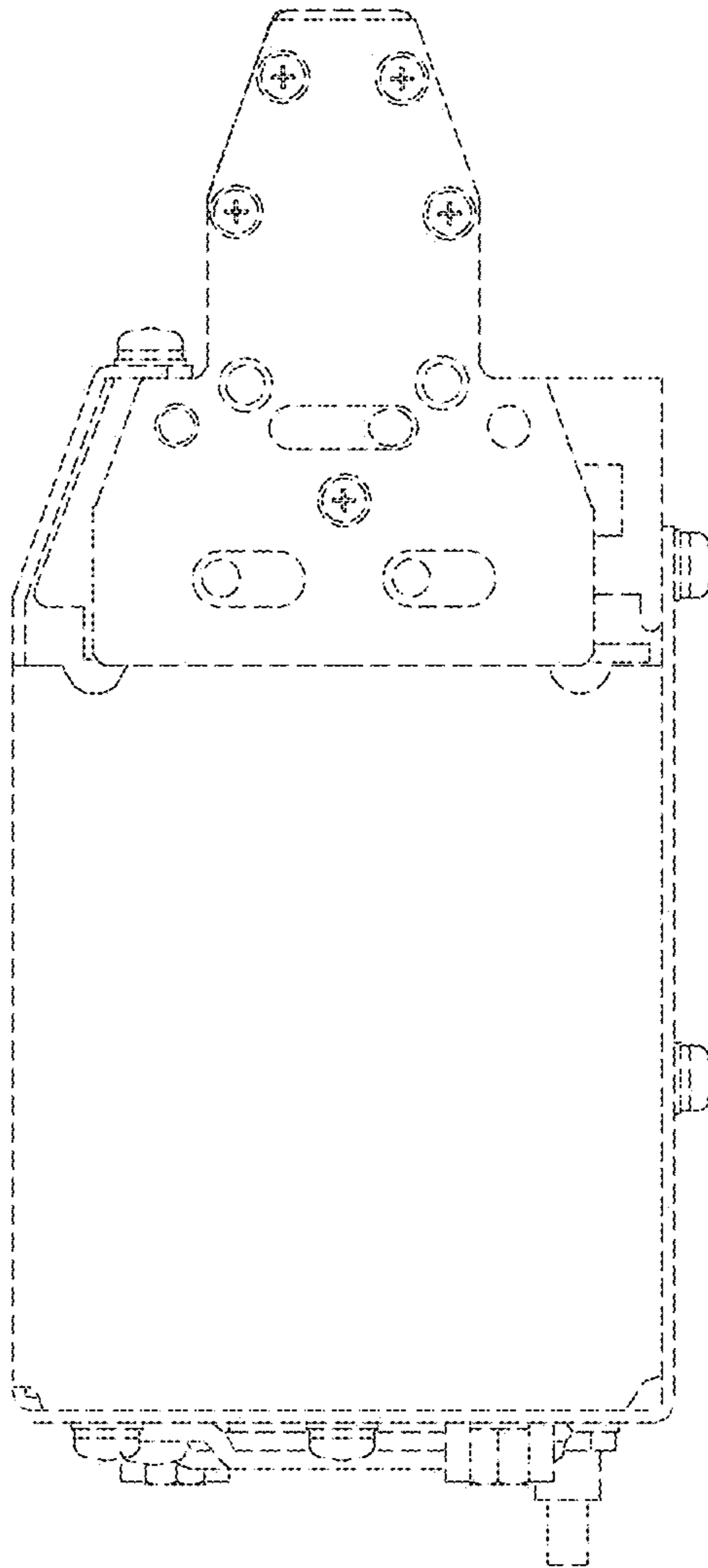


FIG. 6

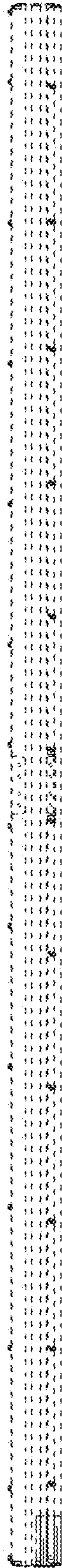


FIG. 7

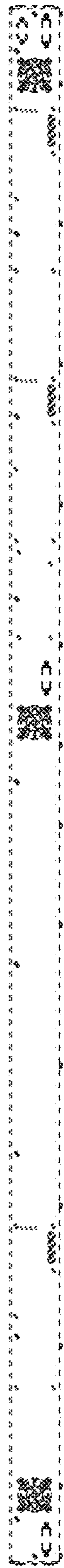


FIG. 8

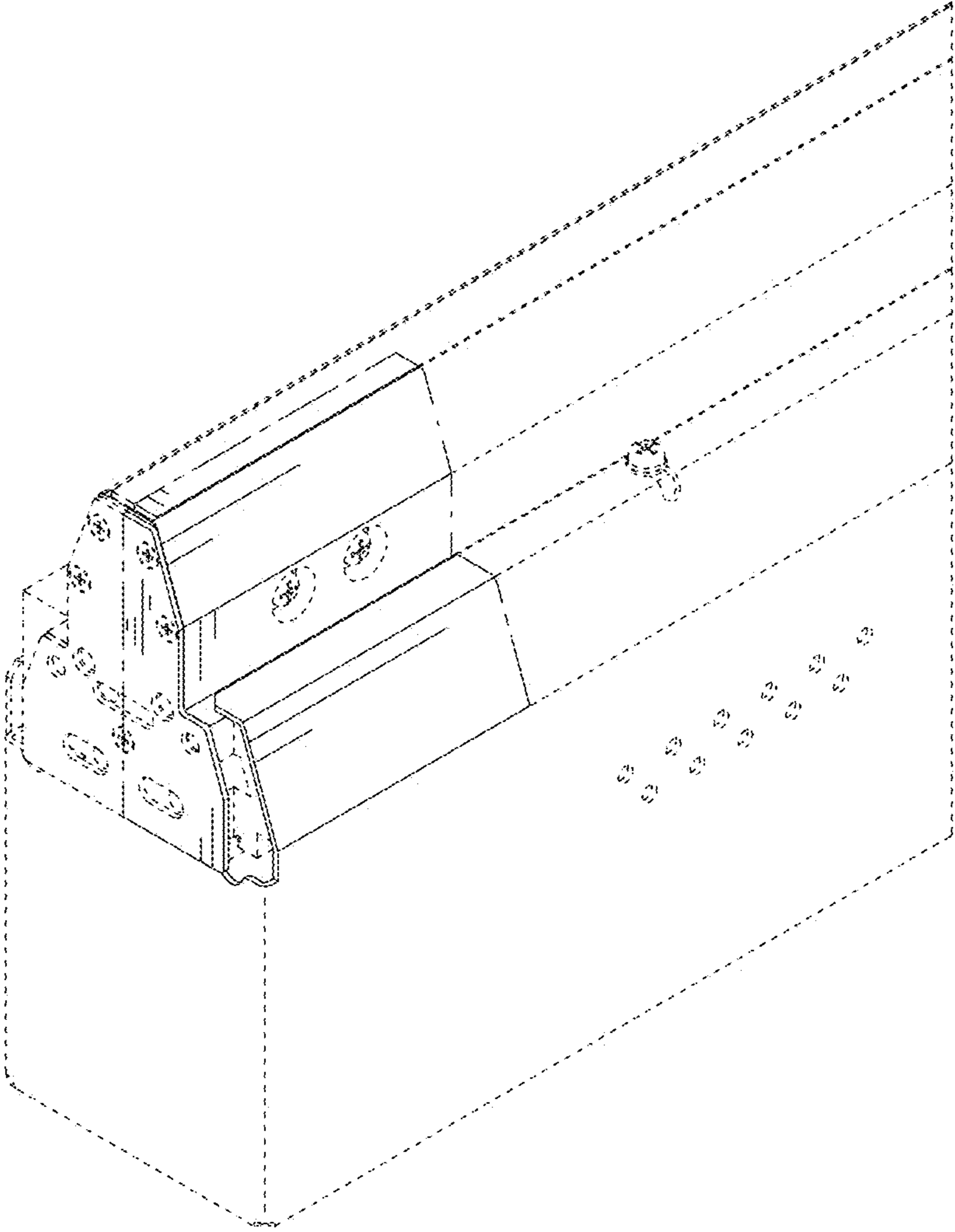


FIG. 9

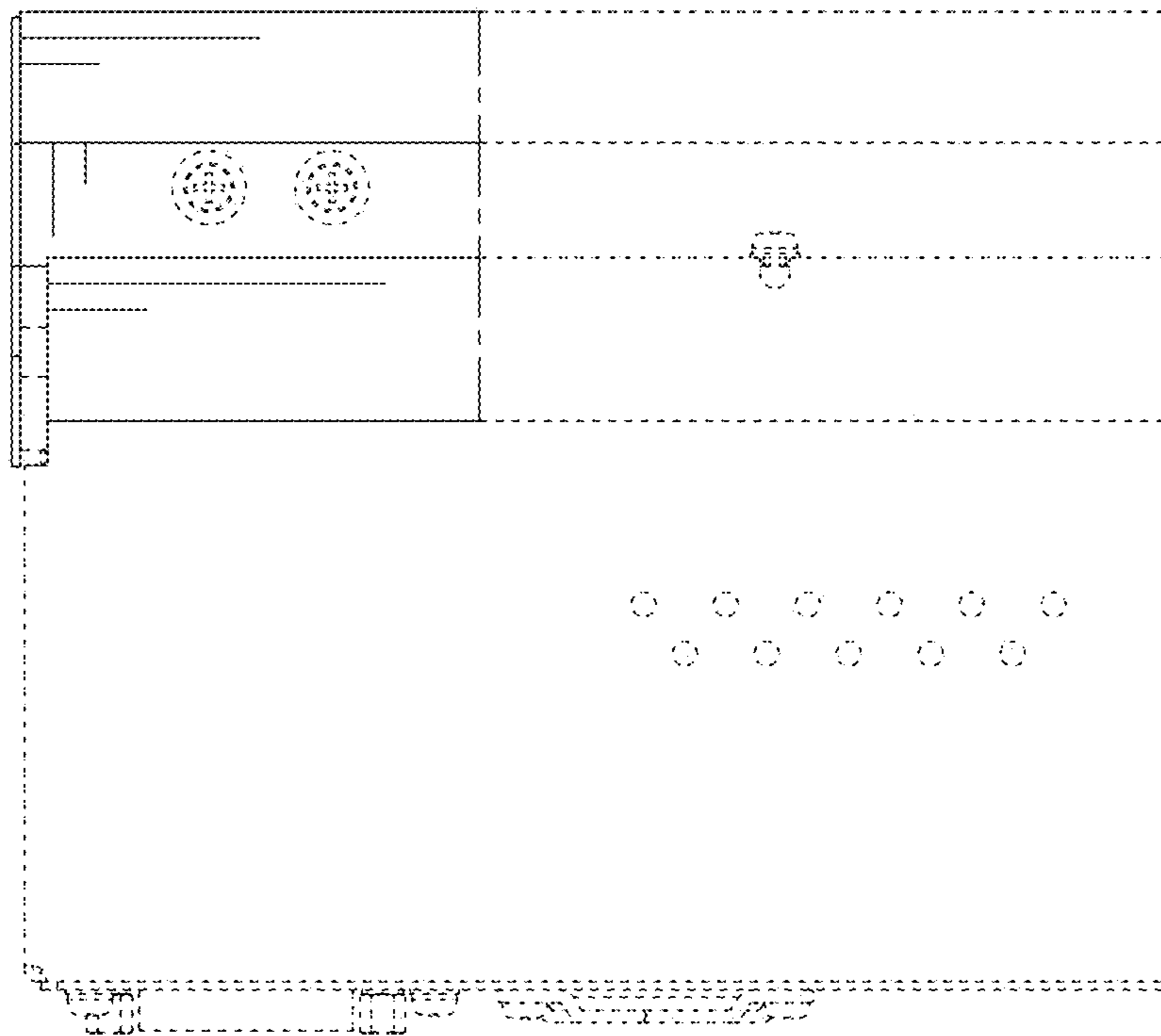


FIG. 10

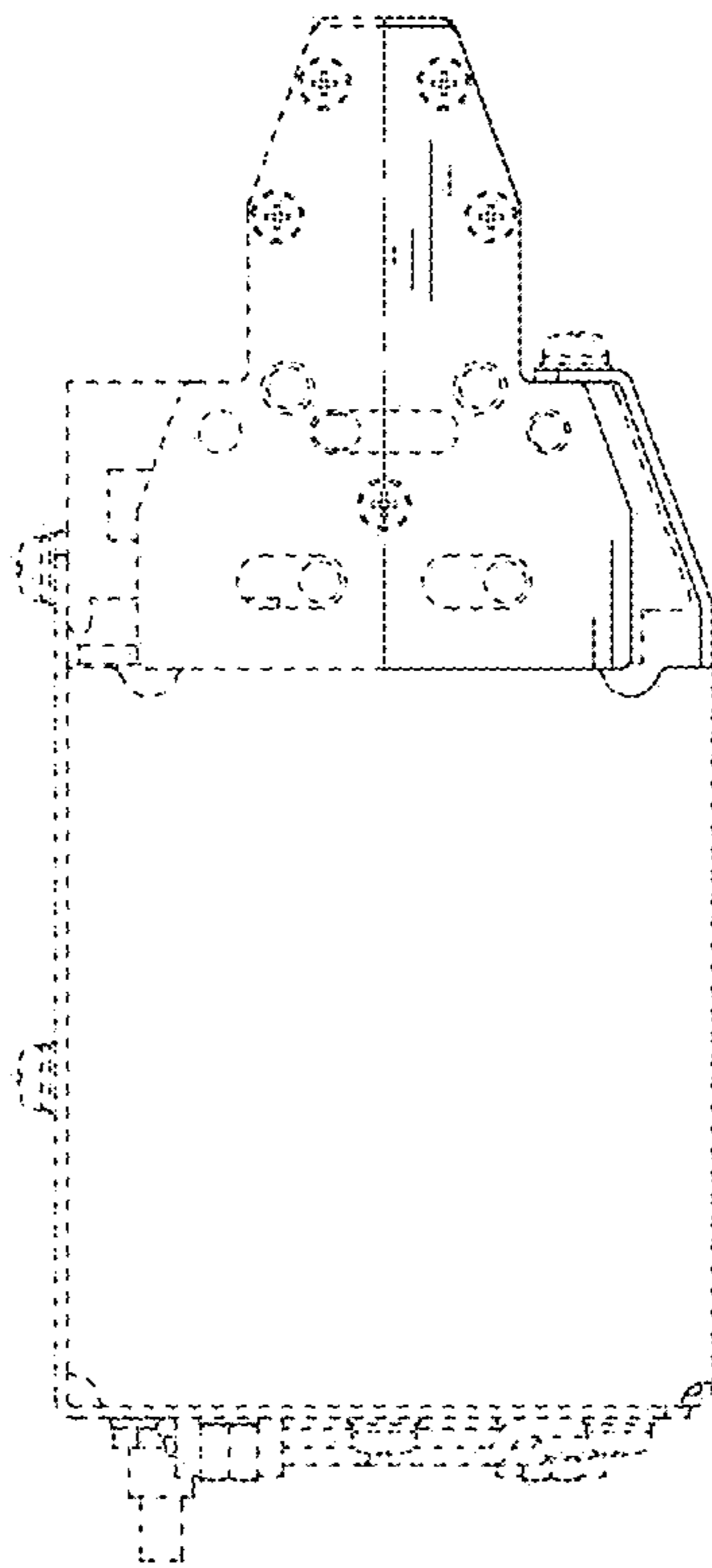


FIG. 11