



US00D758328S

(12) **United States Design Patent**
Nansaka

(10) **Patent No.:** **US D758,328 S**
(45) **Date of Patent:** **** Jun. 7, 2016**

(54) **LITHIUM ION CAPACITOR**

(71) Applicant: **JM Energy Corporation**, Yamanashi (JP)

(72) Inventor: **Kenji Nansaka**, Yamanashi (JP)

(73) Assignee: **JM Energy Corporation**, Yamanashi (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/458,118**

(22) Filed: **Jun. 17, 2013**

(30) **Foreign Application Priority Data**

Dec. 18, 2012	(JP)	2012-030824
Dec. 18, 2012	(JP)	2012-030825
Dec. 18, 2012	(JP)	2012-030864
Dec. 18, 2012	(JP)	2012-030865

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/182**

(58) **Field of Classification Search**
USPC D13/182; 174/250, 252, 253, 254, 255, 174/257; 361/15, 16, 17, 18, 19, 155, 156, 361/251, 256, 257, 268, 270, 271, 283.3, 361/299.1, 301.1, 306.2, 306.3, 307, 308.1, 361/310, 321.2, 321.6, 328, 734, 738, 763, 361/766, 821, 830, 502, 503, 522, 523, 541, 361/760, 820

CPC H01G 4/00; H01G 4/002; H01G 4/10; H01G 4/1227; H01G 4/1272; H01G 4/1224; H01G 4/236; H01G 4/26; H01G 4/28; H01G 4/30; H01G 4/302; H01G 4/32; H01G 4/35; H01G 4/38; H01G 4/385; H01G 2/00; H01G 2/02; H01G 2/04; H01G 2/06; H01G 2/65; H01G 2/08; H01G 2/10; H01G 5/00; H01G 5/014; H01G 7/00; H01G 9/00; H01G 9/0014; H01G 9/012; H01G 9/08; H01G 11/00; H01G 11/04; H01G 11/08; H01G 11/10; H01G 11/12; H01G 11/14; H01G 11/50; H01G 11/30

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D546,297 S *	7/2007	Jones	D13/182
D548,201 S *	8/2007	Jones	D13/182

(Continued)

Primary Examiner — Elizabeth J Oswecki

(74) *Attorney, Agent, or Firm* — Oblon, McClelland, Maier & Neustadt, L.L.P.

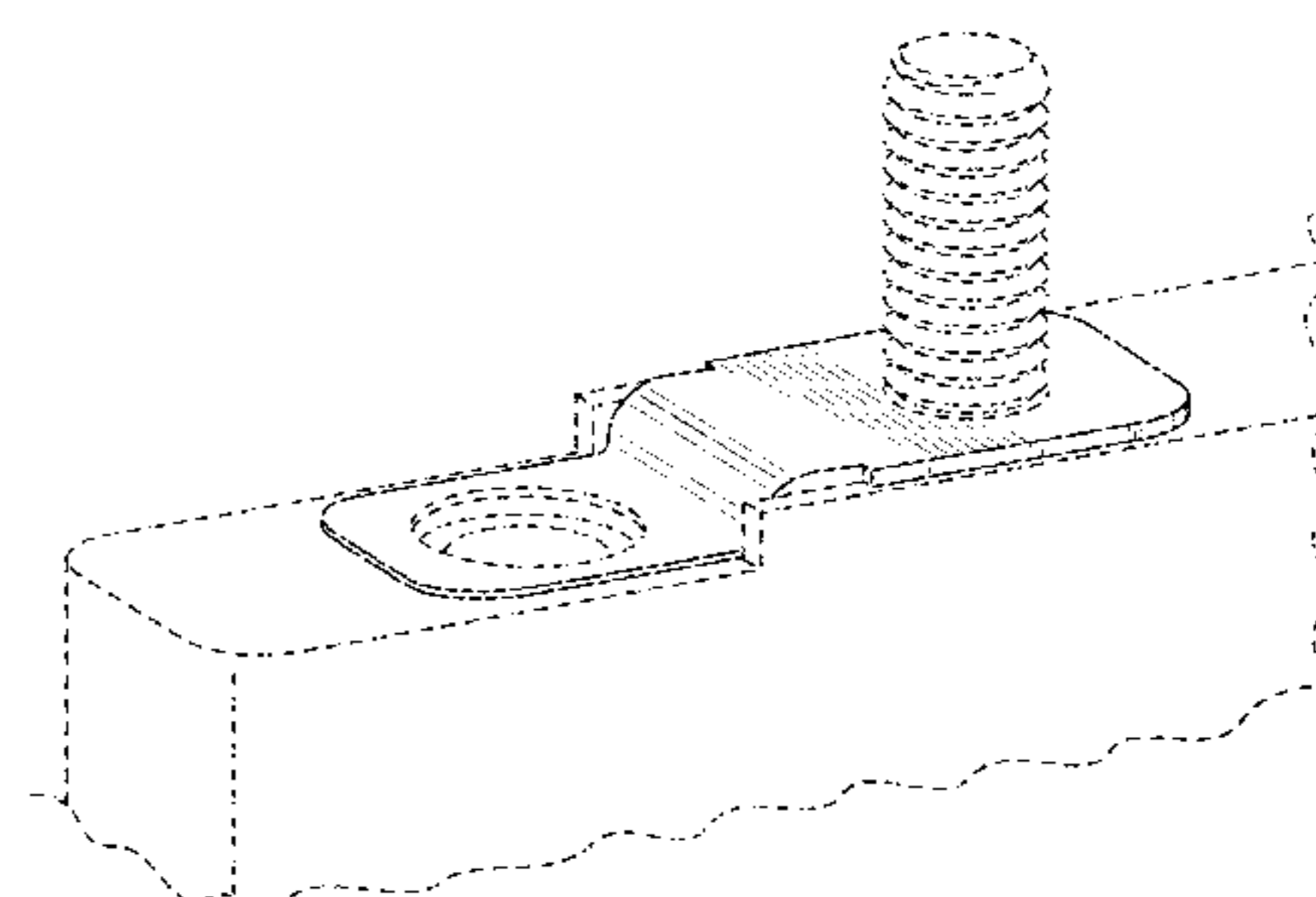
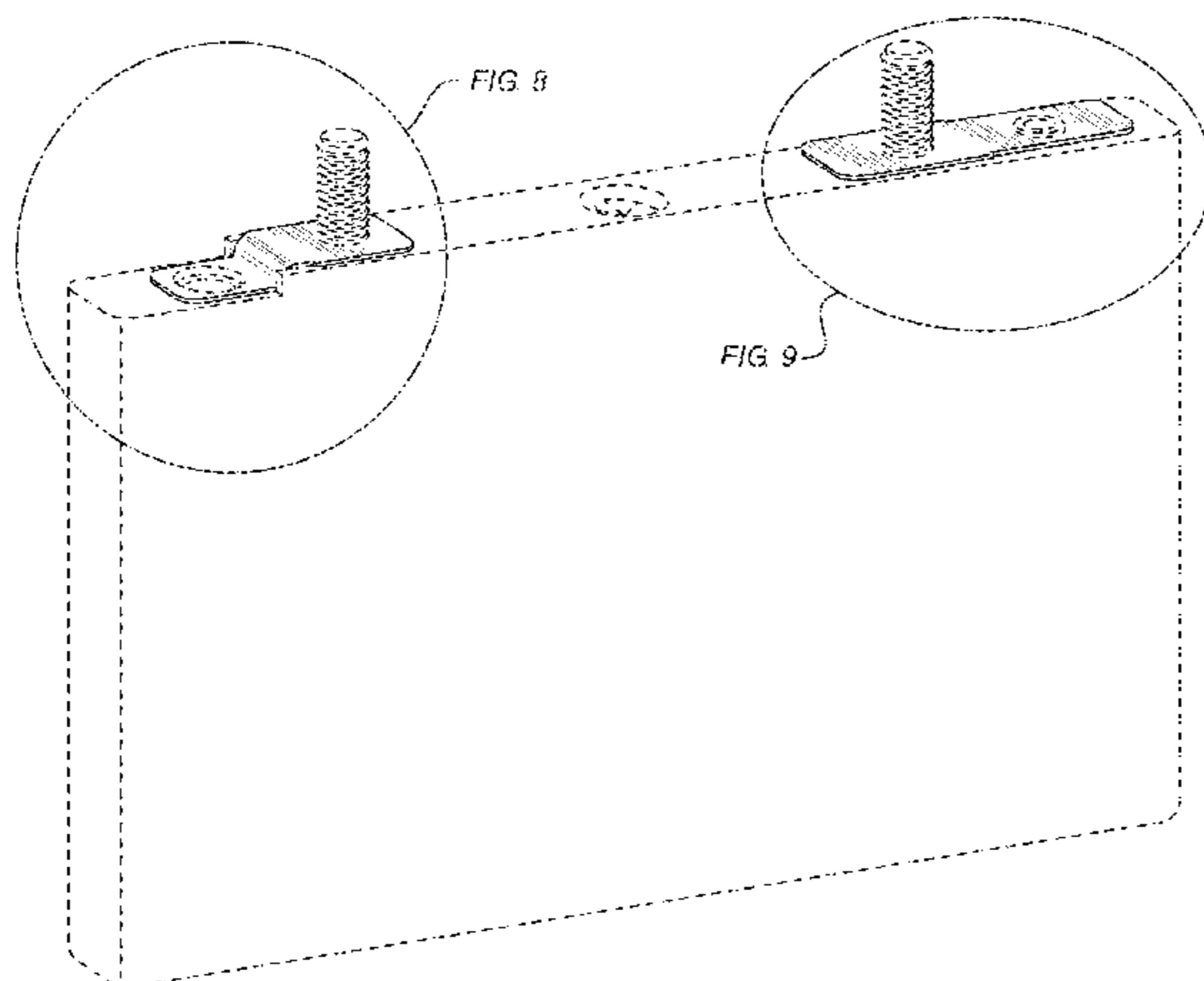
(57) **CLAIM**

The ornamental design for a lithium ion capacitor, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a first embodiment of a lithium ion capacitor showing my design;
 FIG. 2 is a rear elevational view thereof;
 FIG. 3 is a right side elevational view thereof;
 FIG. 4 is a left side elevational view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a rear, top, and right side perspective view thereof;
 FIG. 8 is an enlarged rear, top, and right side perspective view of a portion taken from callout circle FIG. 8 in FIG. 7;
 FIG. 9 is an enlarged rear, top, and right side perspective view of a portion taken from callout circle FIG. 9 in FIG. 7;
 FIG. 10 is a front elevational view of a second embodiment of a lithium ion capacitor showing my new design;
 FIG. 11 is a rear elevational view thereof;
 FIG. 12 is a right side elevational view thereof;
 FIG. 13 is a left side elevational view thereof;
 FIG. 14 is a top plan view thereof;
 FIG. 15 is a bottom plan view thereof;
 FIG. 16 is a rear, top, and right side perspective view thereof;
 FIG. 17 is an enlarged rear, top, and right side perspective view of a portion taken from callout circle FIG. 17 in FIG. 16; and,
 FIG. 18 is an enlarged rear, top, and right side perspective view of a portion taken from callout circle FIG. 18 in FIG. 16.
 The broken lines shown in the drawings represent portions of the lithium ion capacitor that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,382,603 B2 *	6/2008	Timonov	H01M 4/137 361/502	8,654,508 B2 *	2/2014	Kondou	H01G 11/06 361/502
8,004,823 B2 *	8/2011	Taguchi	H01G 11/06 361/502	8,685,117 B2 *	4/2014	Tasaki	H01G 11/86 29/25.03
D664,917 S	8/2012	Taguchi		8,748,039 B2 *	6/2014	Ogino	H01G 11/28 29/25.03
8,465,554 B2 *	6/2013	Choi	H01G 11/06 29/25.03	8,749,953 B2 *	6/2014	Momo	H01G 11/06 361/502
8,520,367 B2 *	8/2013	Lee	H01G 11/06 361/252	8,792,224 B2 *	7/2014	Kim	H01G 11/06 361/502
8,526,166 B2 *	9/2013	Choi	B82Y 30/00 361/502	8,900,755 B2 *	12/2014	Liu	H01G 11/06 429/231.7
8,564,933 B2 *	10/2013	Sasaki	H01G 11/42 361/303	8,953,303 B2 *	2/2015	Kim	H01G 11/06 361/502
8,587,926 B2 *	11/2013	Sakurai	H01G 11/02 361/502	8,958,197 B2 *	2/2015	Kondou	H01G 11/28 361/502
				8,988,858 B2 *	3/2015	Isii	H01G 11/22 361/502

* cited by examiner

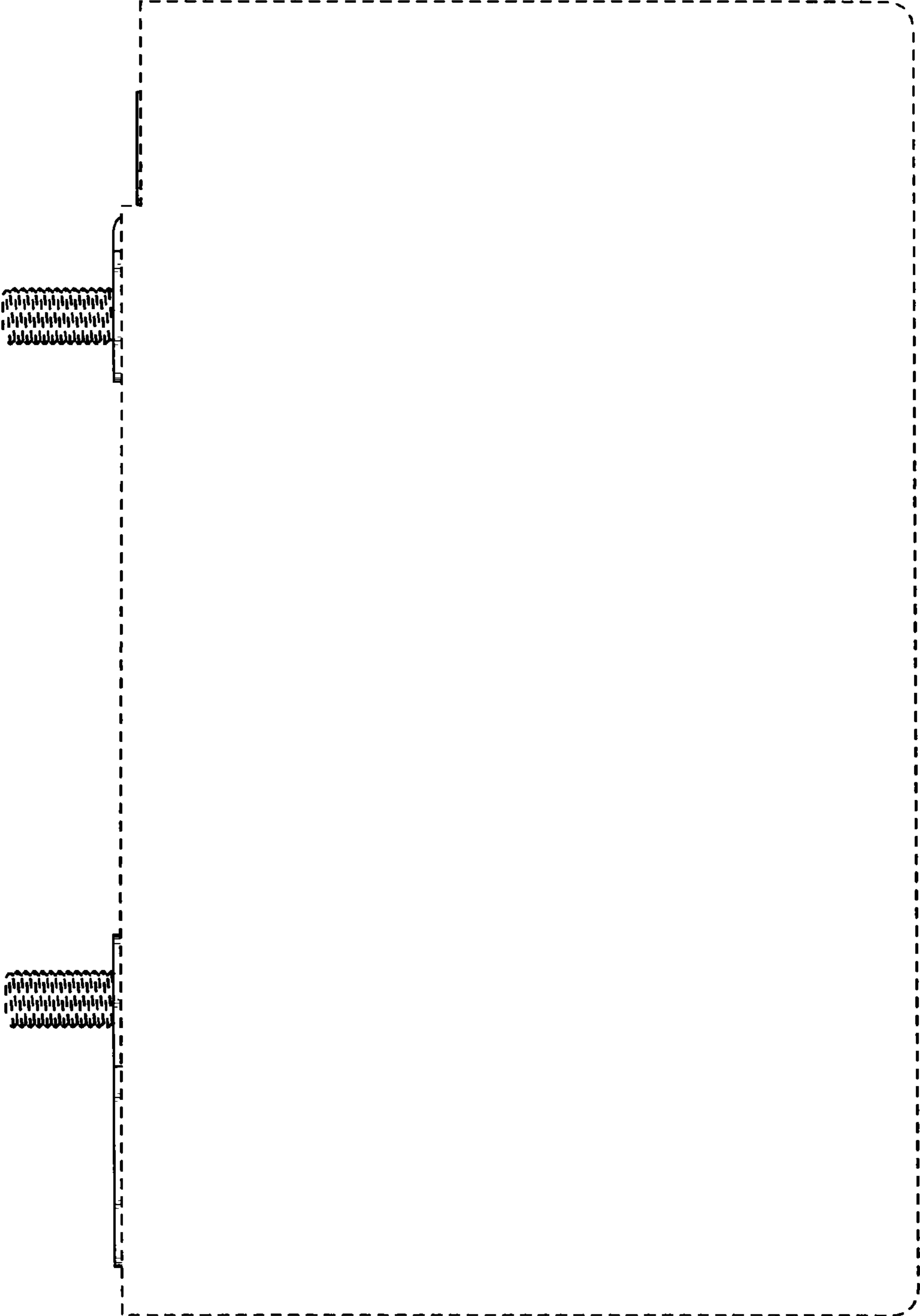


FIG. 1

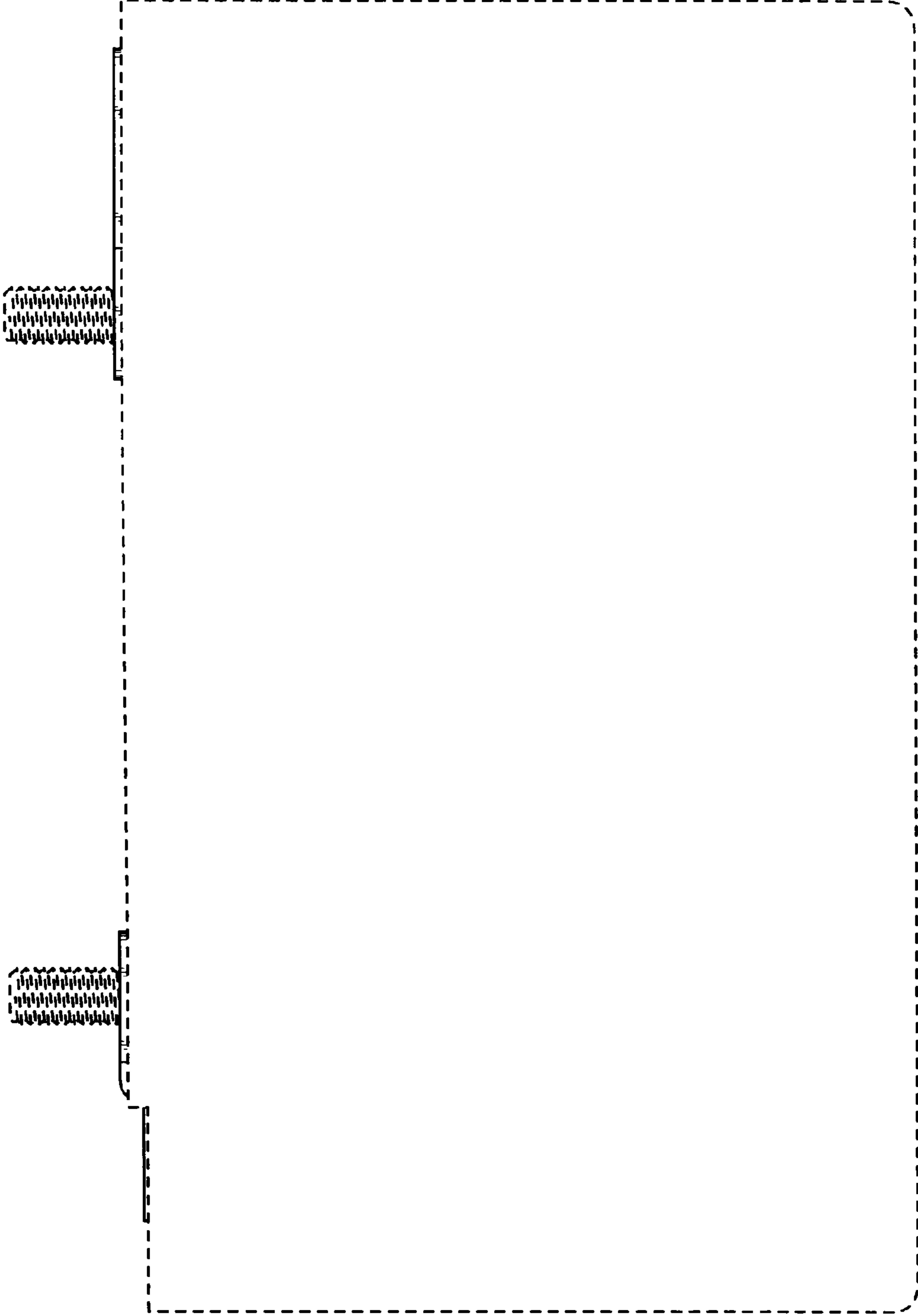


FIG. 2

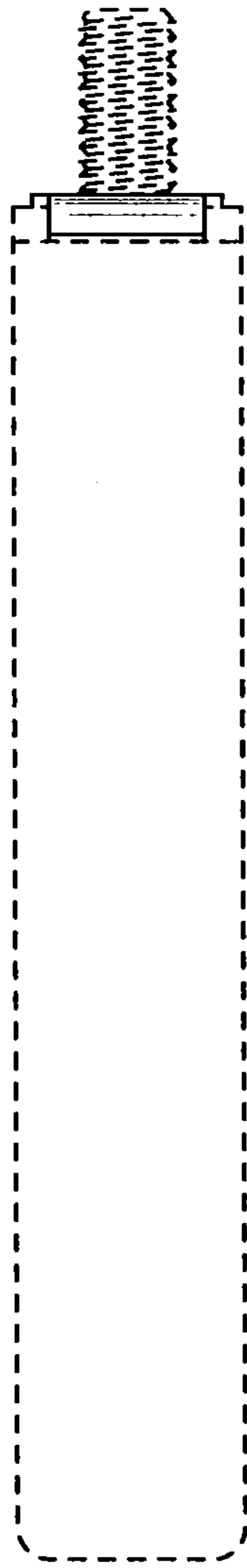


FIG. 3

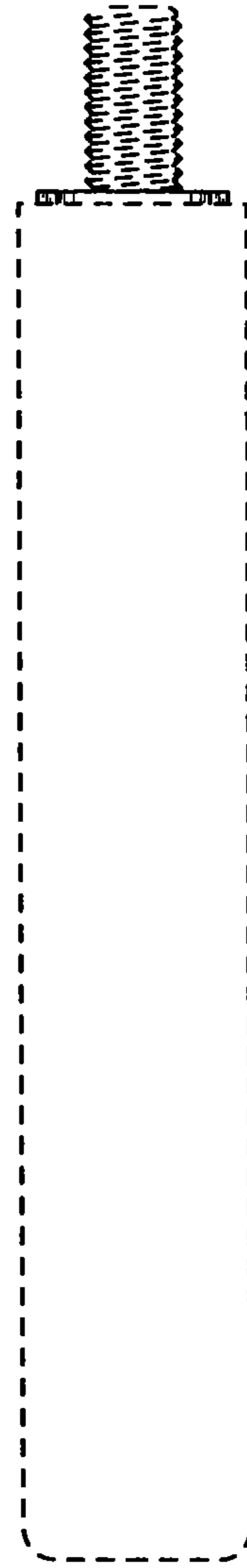


FIG. 4

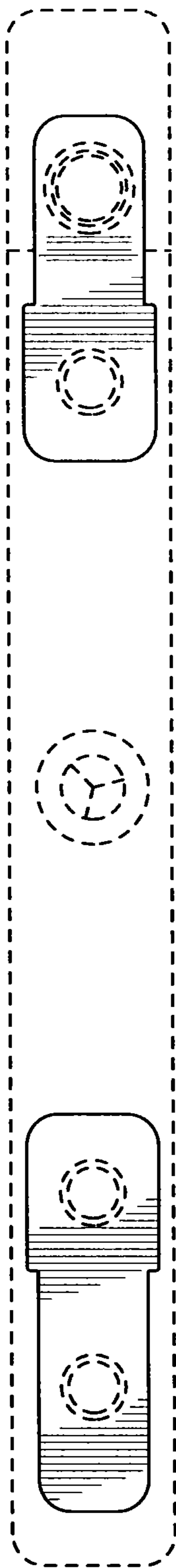


FIG. 5

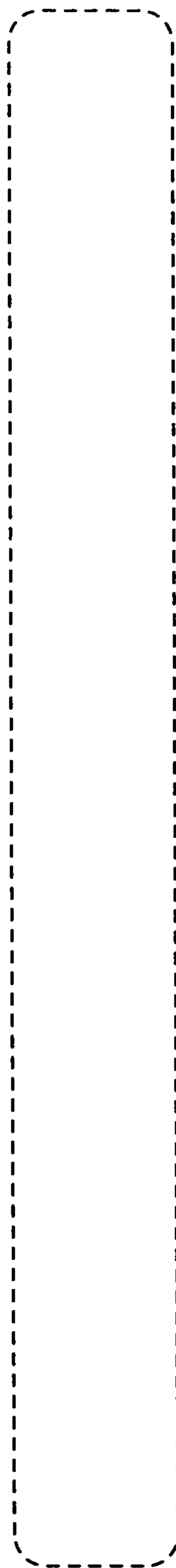
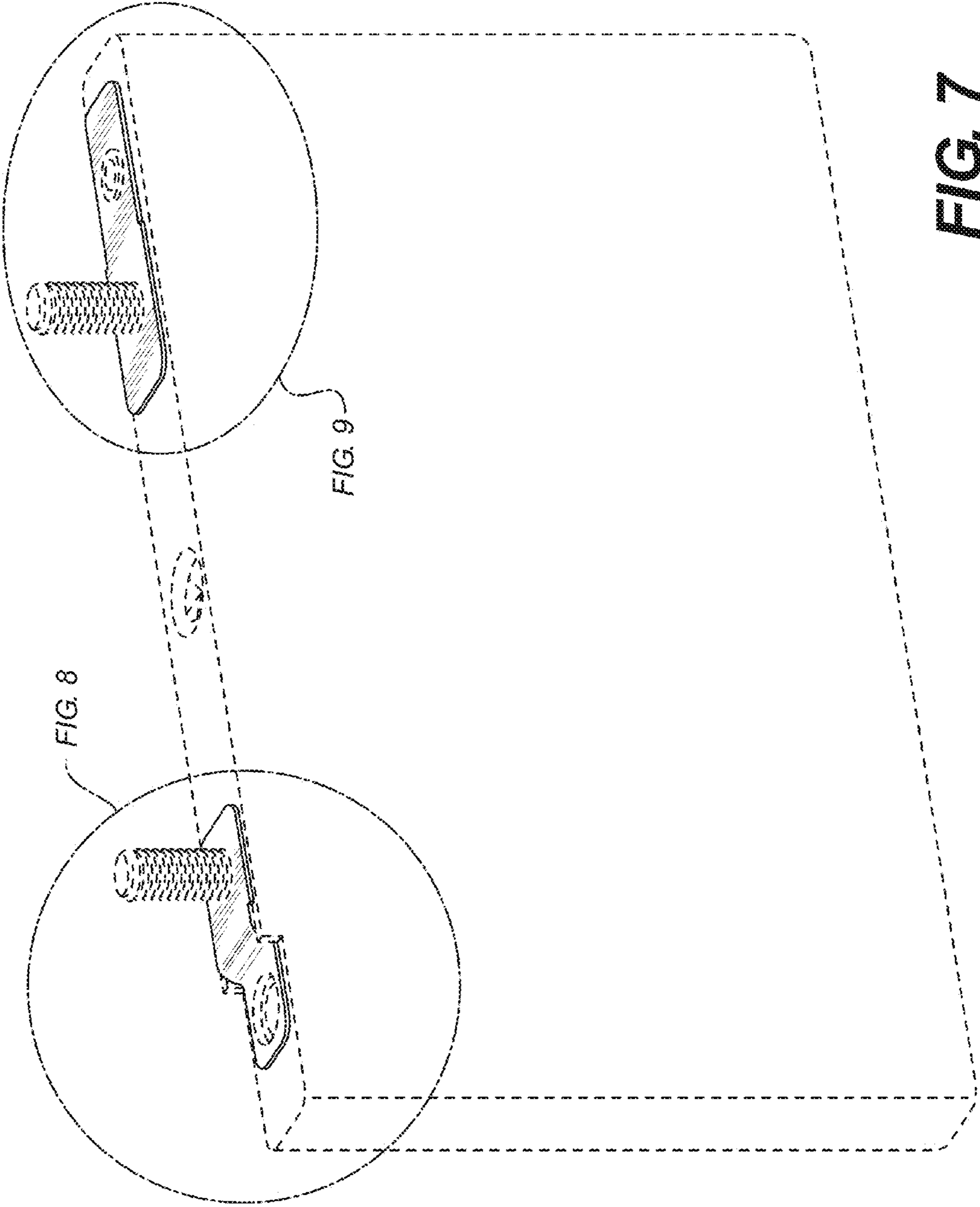


FIG. 6



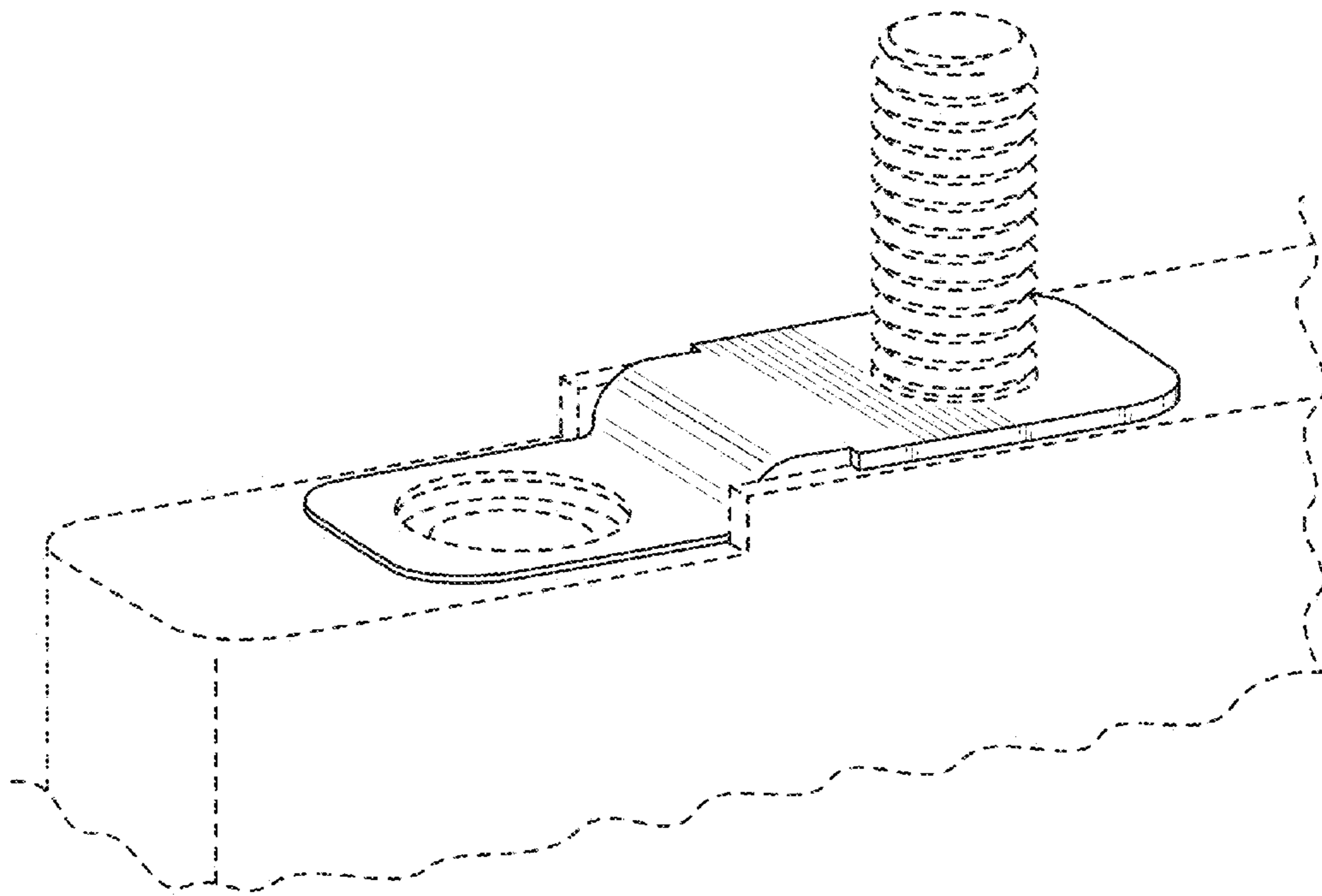


FIG. 8

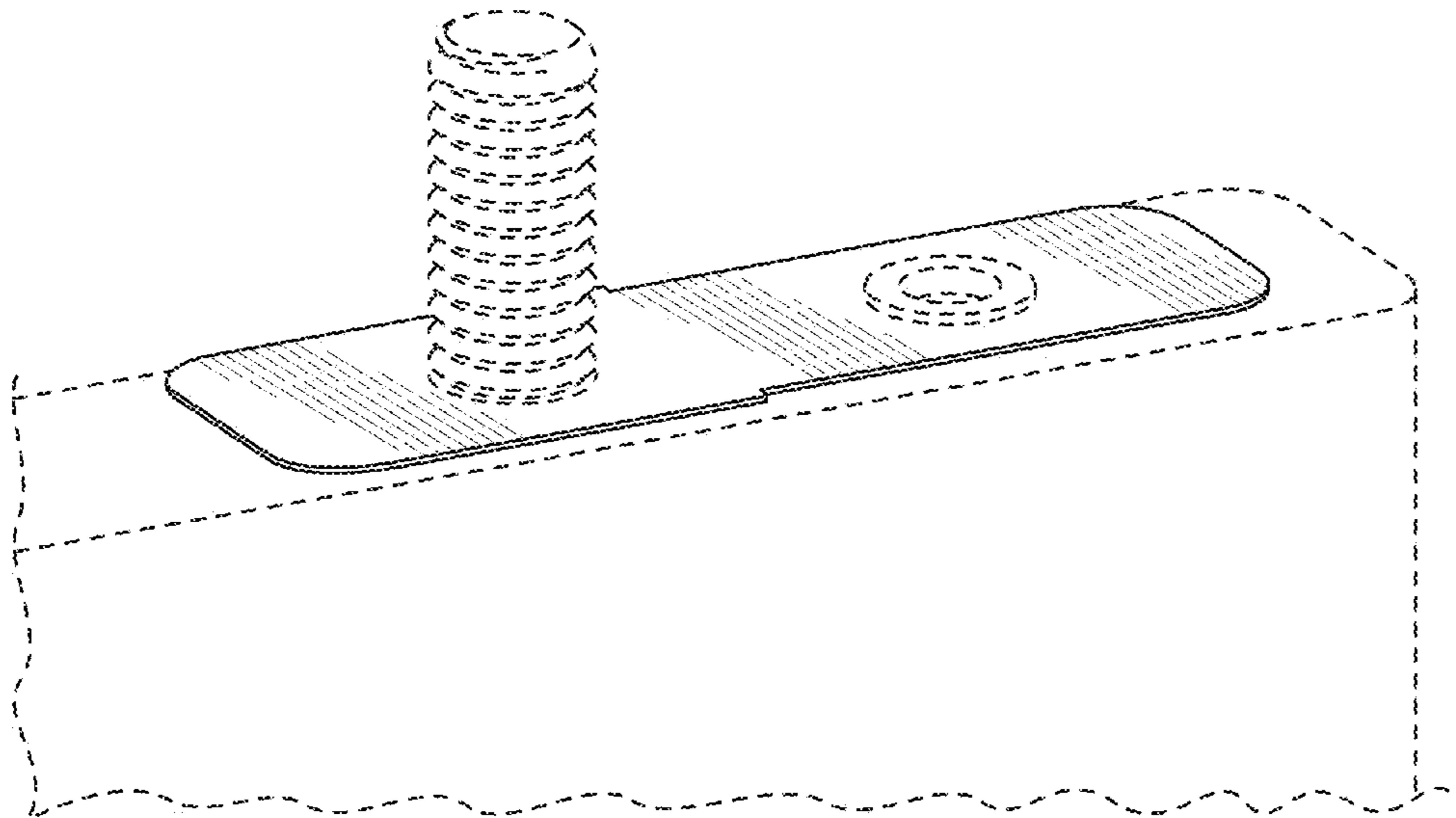


FIG. 9

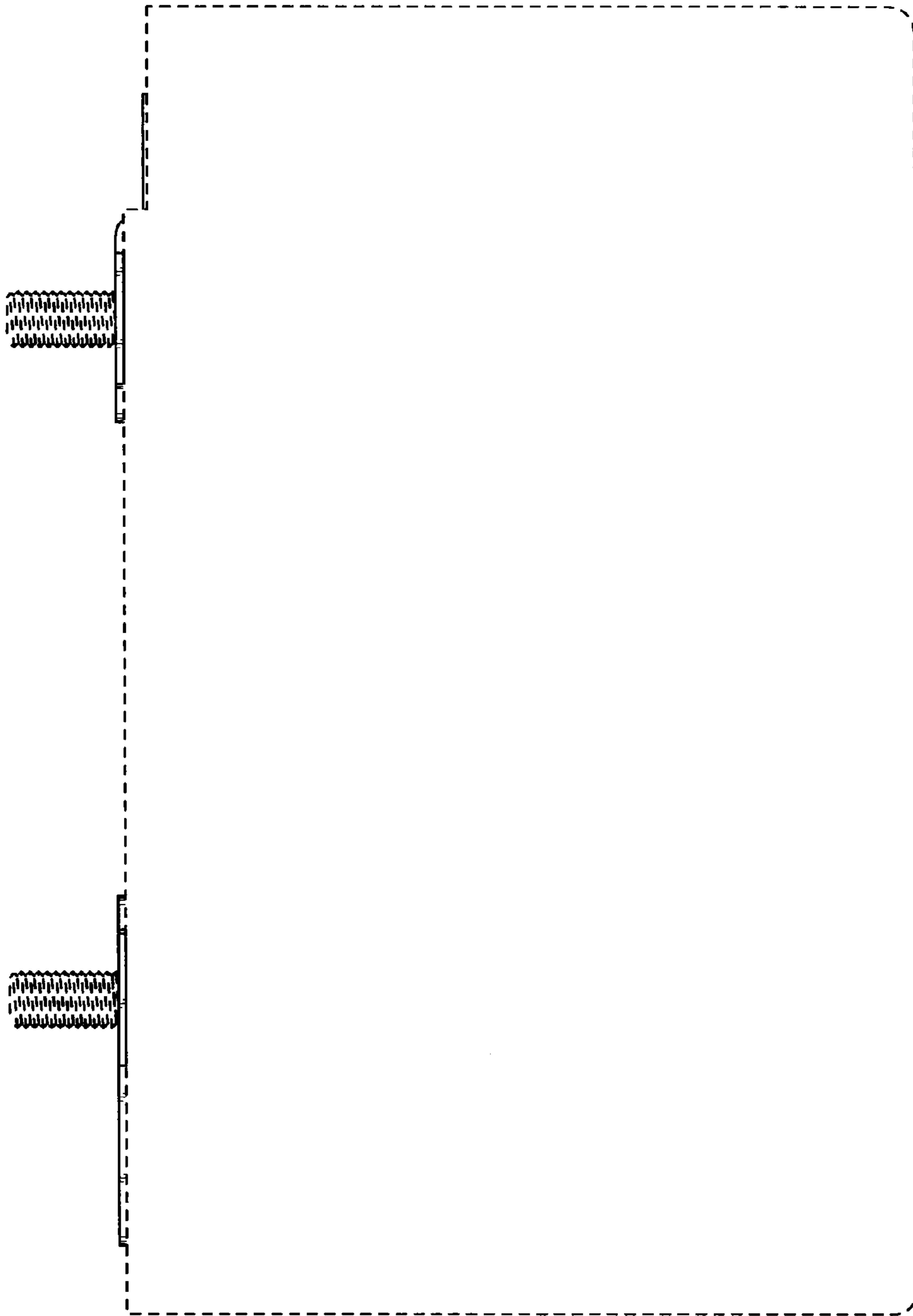


FIG. 10

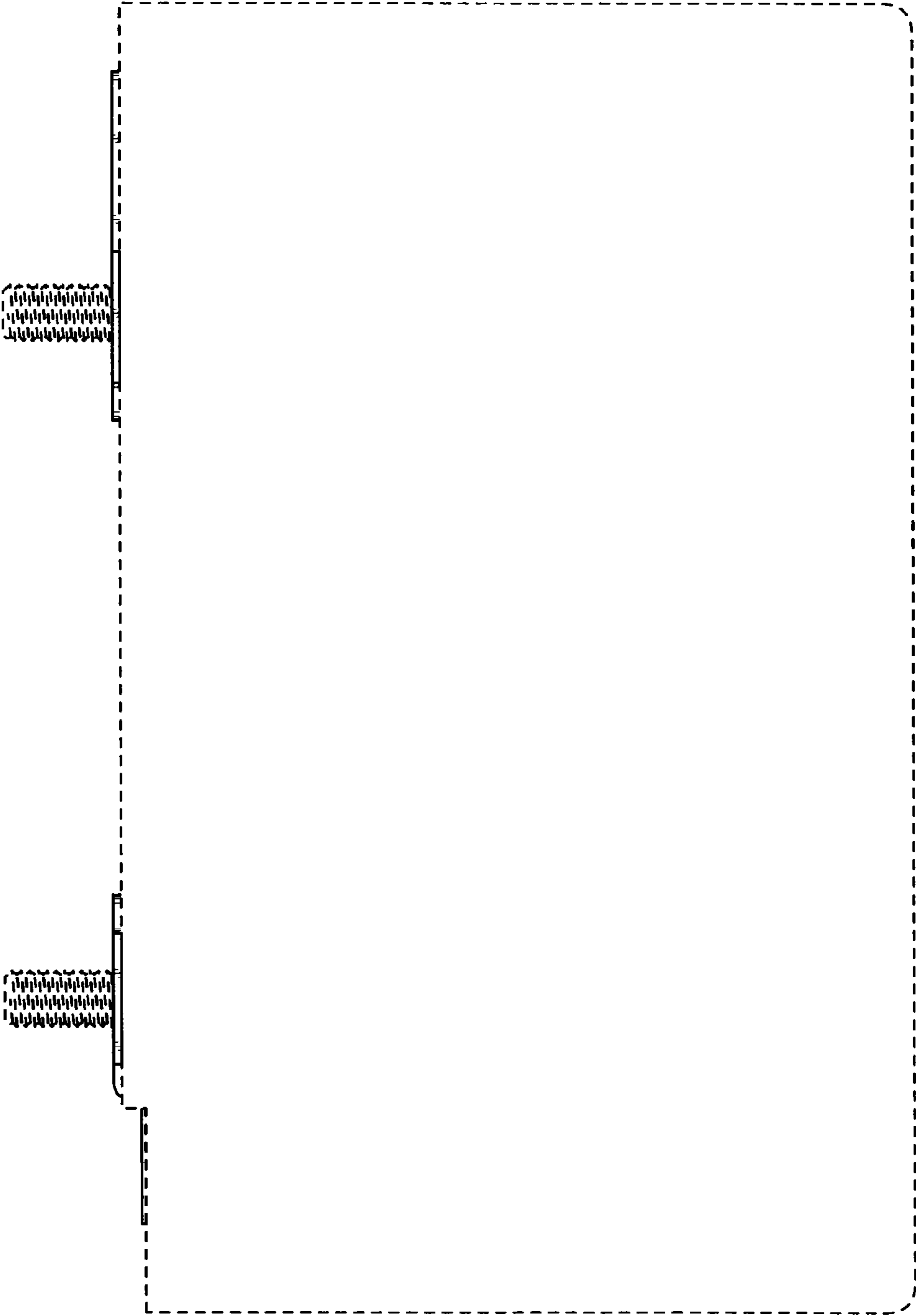


FIG. 11

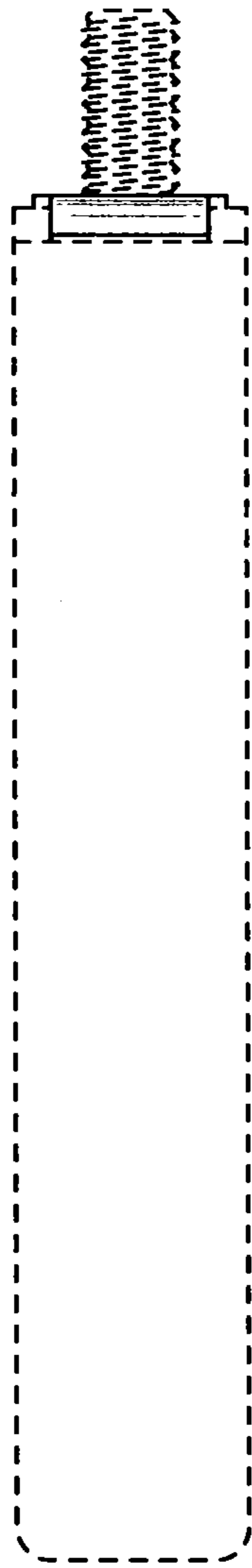


FIG. 12

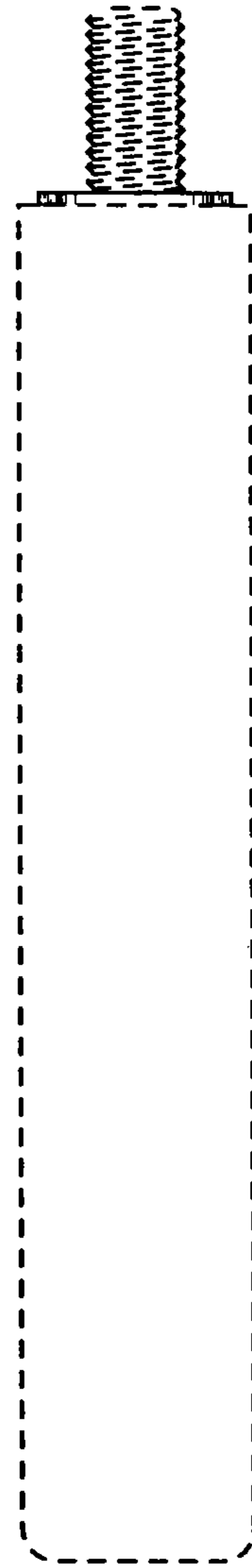


FIG. 13

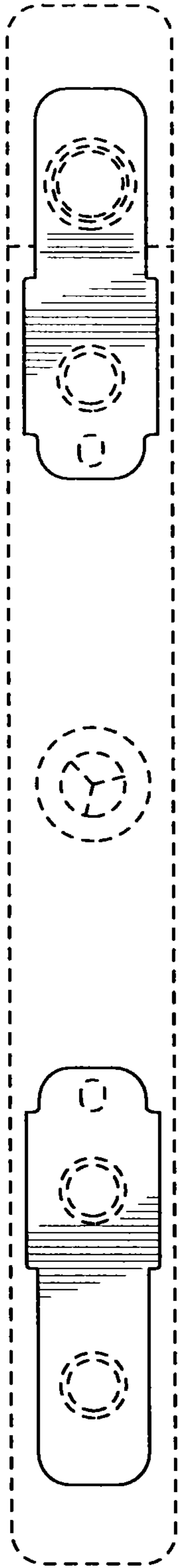


FIG. 14

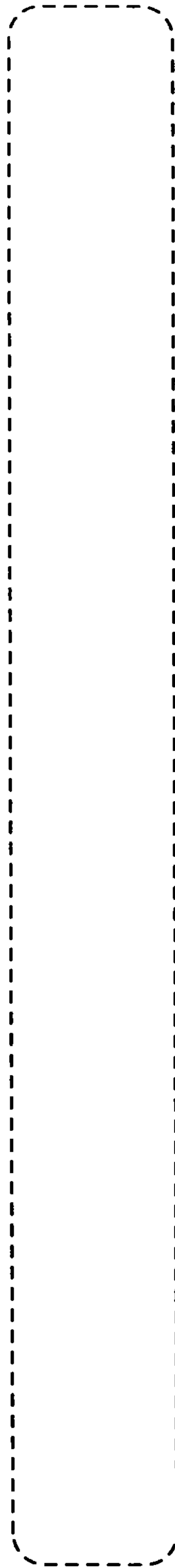


FIG. 15

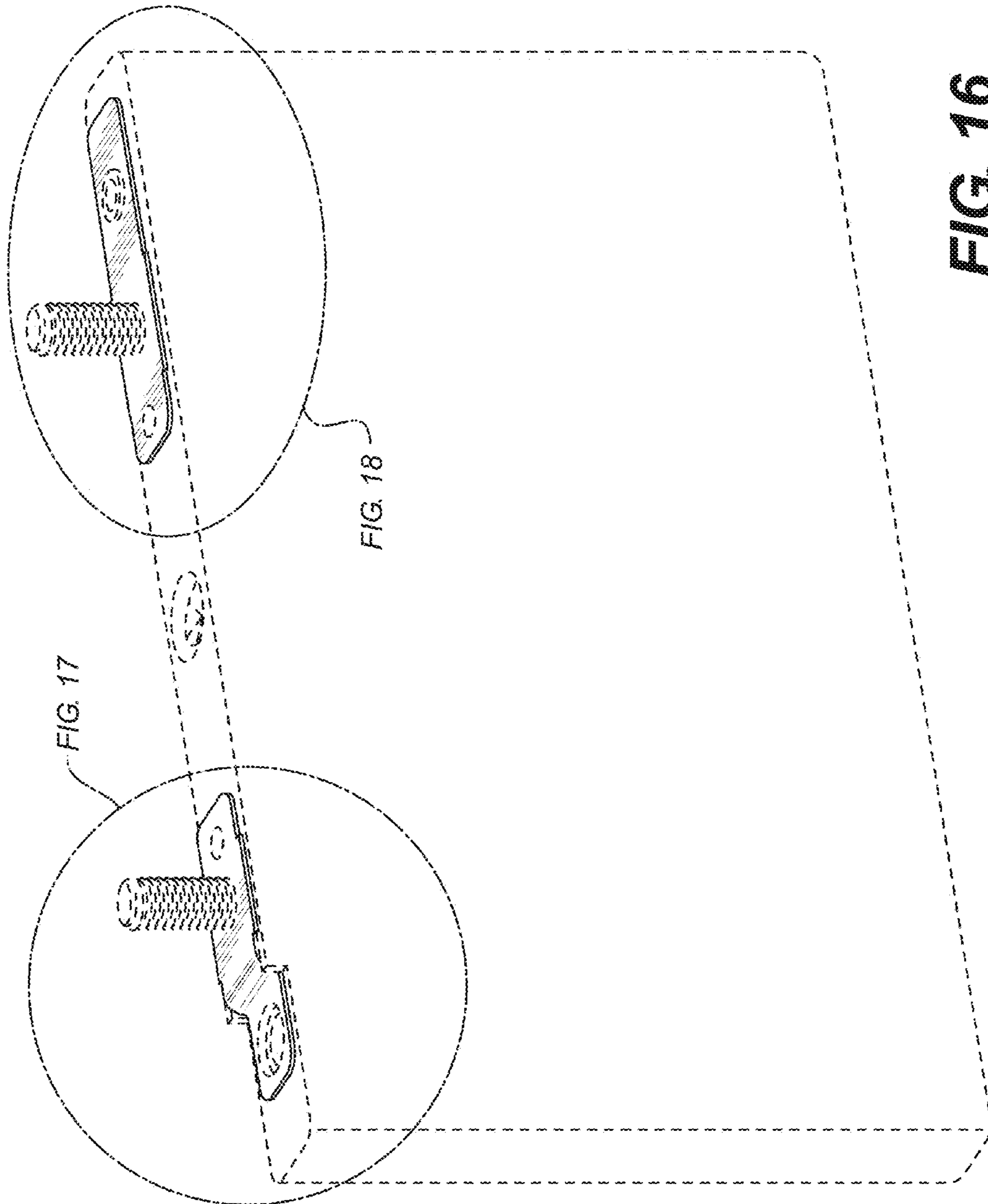


FIG. 16

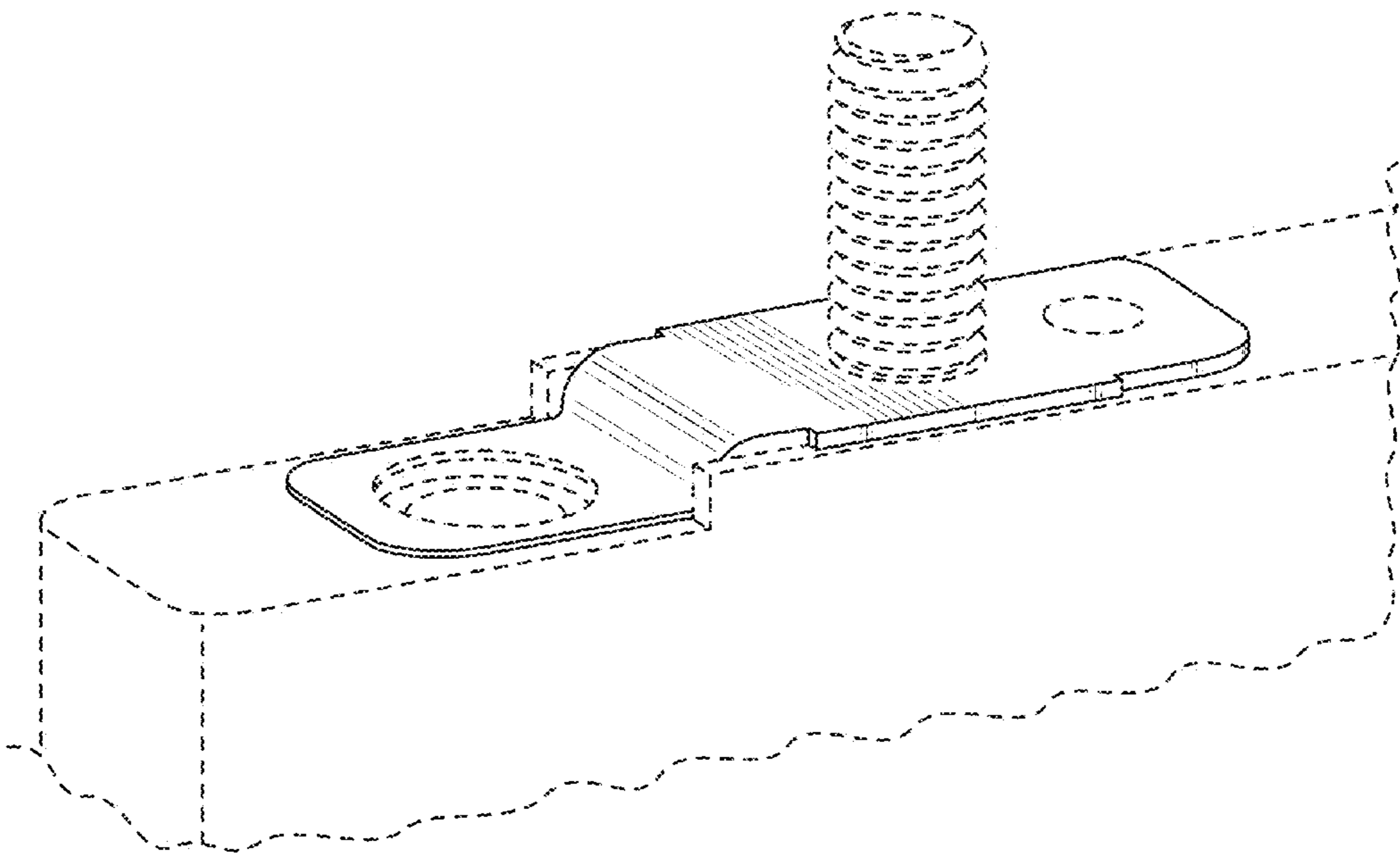


FIG. 17

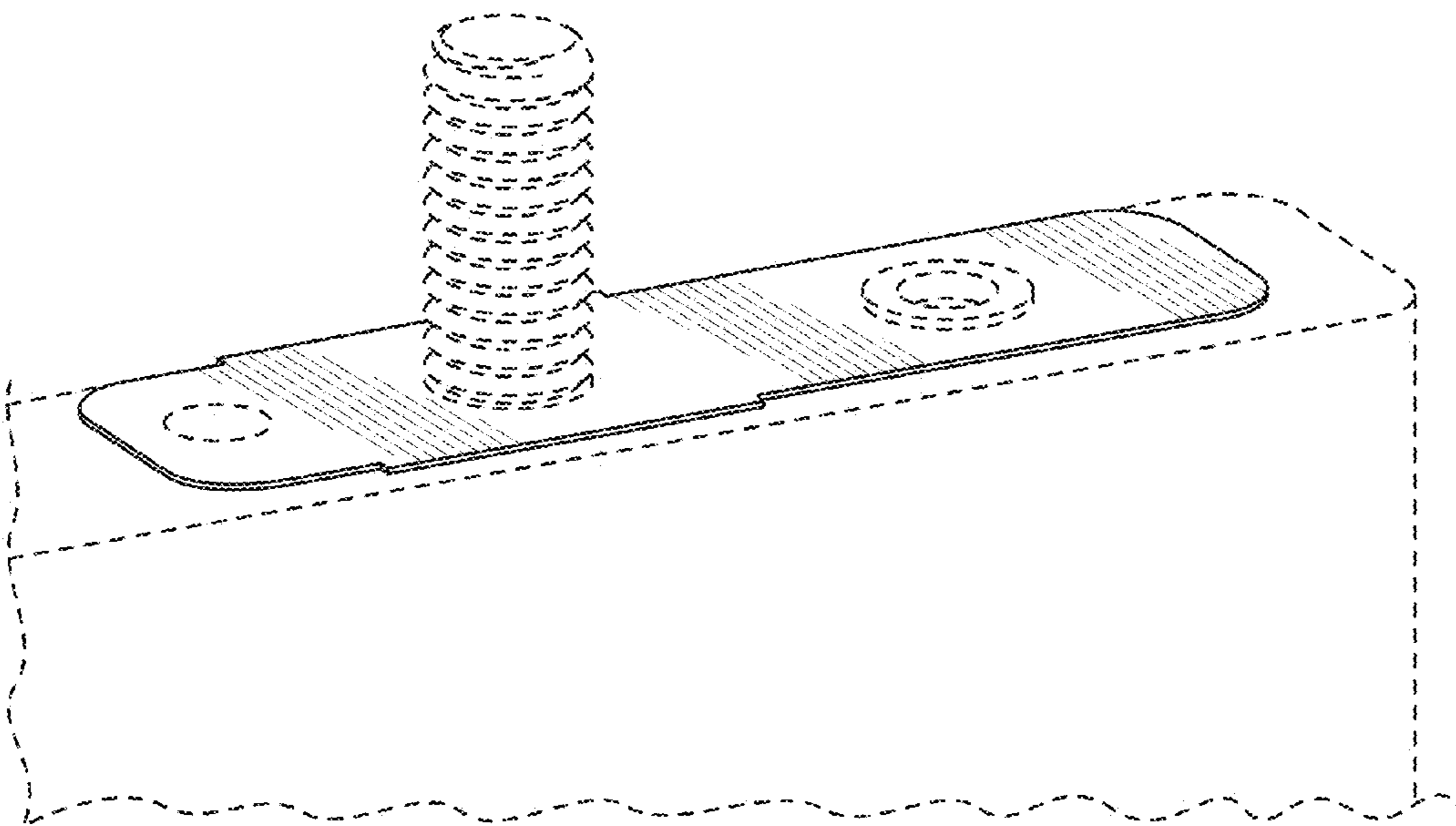


FIG. 18