



US00D897914S

(12) **United States Design Patent** (10) **Patent No.:** **US D897,914 S**
Kodama et al. (45) **Date of Patent:** **** Oct. 6, 2020**

(54) **BRAKE CONTROL UNIT** 6,416,139 B2 7/2002 Warner et al.
6,616,248 B2 * 9/2003 Obuse B60T 8/368
303/119.3
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Nagano (JP) D546,252 S 7/2007 Belisle
D586,272 S 2/2009 Schulz
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Chiba, Tomi (JP) 7,720,589 B2 5/2010 Hashiba
8,820,858 B2 * 9/2014 Kodama B60T 8/368
303/119.3
(73) Assignee: **NISSIN KOGYO CO., LTD.**, Tomi
(JP) 9,062,791 B2 * 6/2015 Nakamura B60T 8/3675
9,278,675 B2 * 3/2016 Kodama B60T 8/368
9,592,799 B2 * 3/2017 Iyatani B60T 8/368
9,616,873 B2 * 4/2017 Nakamura B60T 13/662
10,104,811 B2 * 10/2018 Koga H05K 7/20854
(**) Term: **15 Years** 2003/0010390 A1 * 1/2003 Beck B60T 8/368
137/884
(21) Appl. No.: **29/662,694** 2004/0163470 A1 * 8/2004 Babala B60G 17/019
73/514.01
(22) Filed: **Sep. 7, 2018**

Related U.S. Application Data

(62) Division of application No. 29/611,959, filed on Jul.
27, 2017, now Pat. No. Des. 867,239.

(30) **Foreign Application Priority Data**

Jan. 31, 2017 (JP) 2017-001713
Jan. 31, 2017 (JP) 2017-001714

(51) **LOC (12) Cl.** **12-16**
(52) **U.S. Cl.**
USPC **D12/180**

(58) **Field of Classification Search**
USPC D12/179, 180, 218, 400, 123; D23/351,
D23/209
CPC B60T 8/3685; B60T 8/368; B60T 8/344;
B60T 8/3675; B60T 8/171; B60T 8/3225;
B60T 8/00; B60T 13/662; B60T 5/00;
B60G 17/019; H05K 7/20854
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,449,227 A 9/1995 Steinberg et al.
6,215,672 B1 * 4/2001 Warner B60T 8/171
361/785

(Continued)

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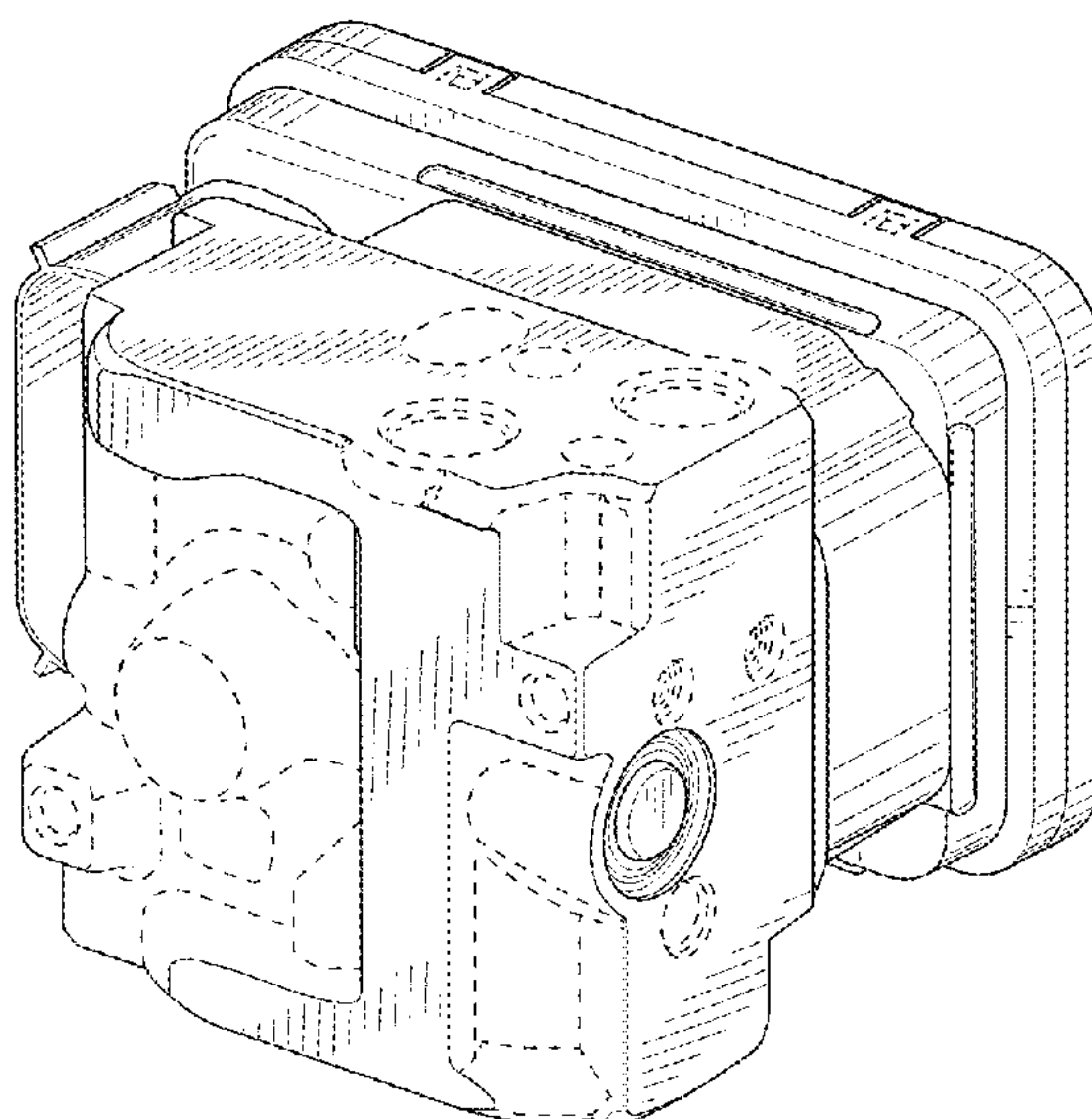
(57) **CLAIM**

The ornamental design for a brake control unit, as shown
and described.

DESCRIPTION

FIG. 1 is a front right perspective view of a brake control
unit showing our new design;
FIG. 2 is a right perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines illustrate portions of the brake control unit
that form no part the claimed design.

1 Claim, 4 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2005/0057093	A1 *	3/2005	Segawa	B60T 8/368 303/119.3
2009/0001808	A1	1/2009	Kodama et al.	
2011/0239641	A1	10/2011	Kodama et al.	
2011/0265901	A1	11/2011	Kodama	
2012/0132837	A1	5/2012	Kodama	
2012/0241036	A1	9/2012	Kodama et al.	
2015/0137589	A1	5/2015	Iyatani	
2016/0113155	A1 *	4/2016	Koga	B60T 5/00 188/152
2016/0272173	A1 *	9/2016	Shin	B60T 8/368
2018/0056966	A1	3/2018	Atsushi et al.	
2018/0162332	A1	6/2018	Nakazawa et al.	
2018/0170334	A1 *	6/2018	Loeffler	B60T 8/368

* cited by examiner

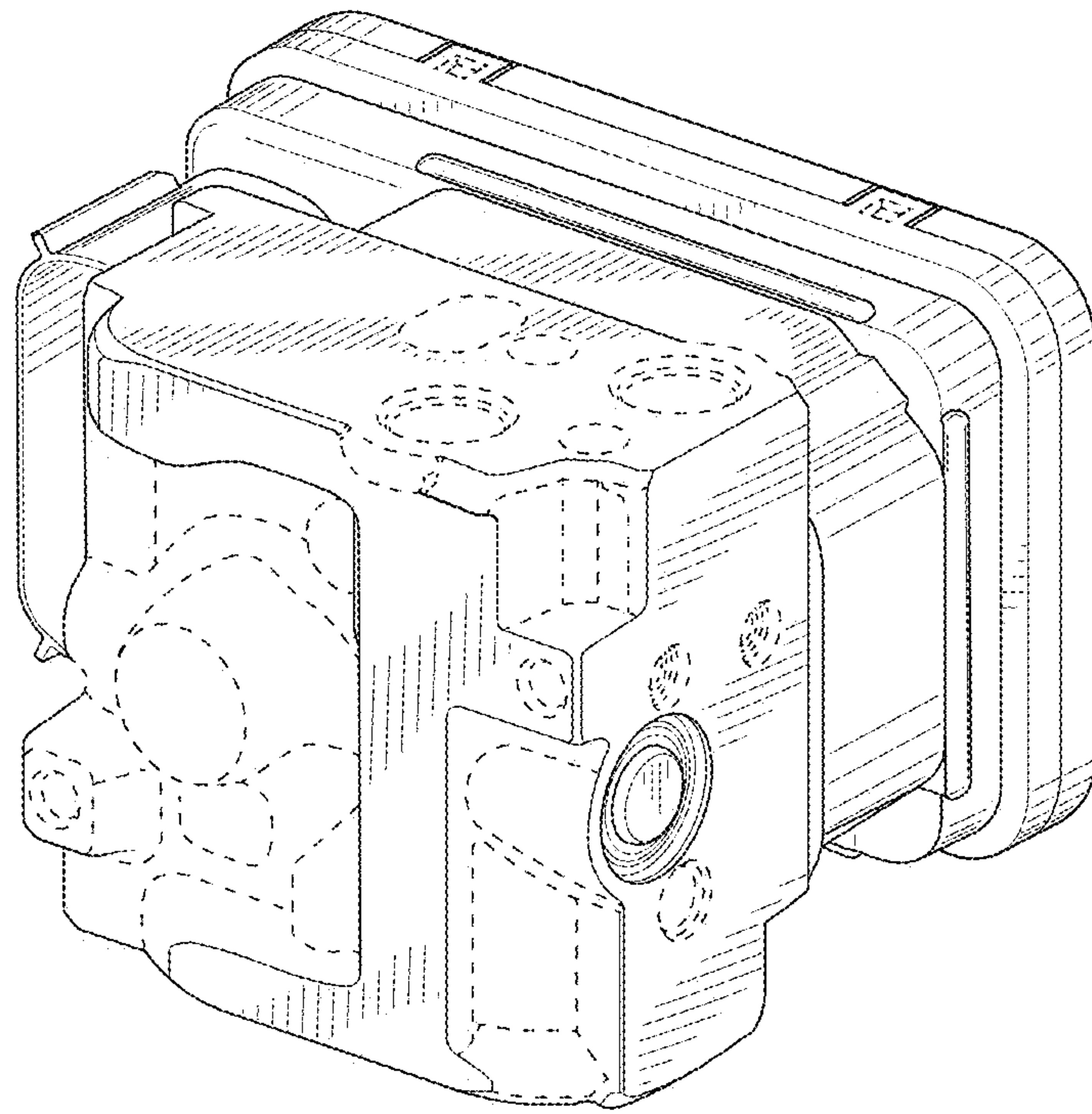


FIG. 1

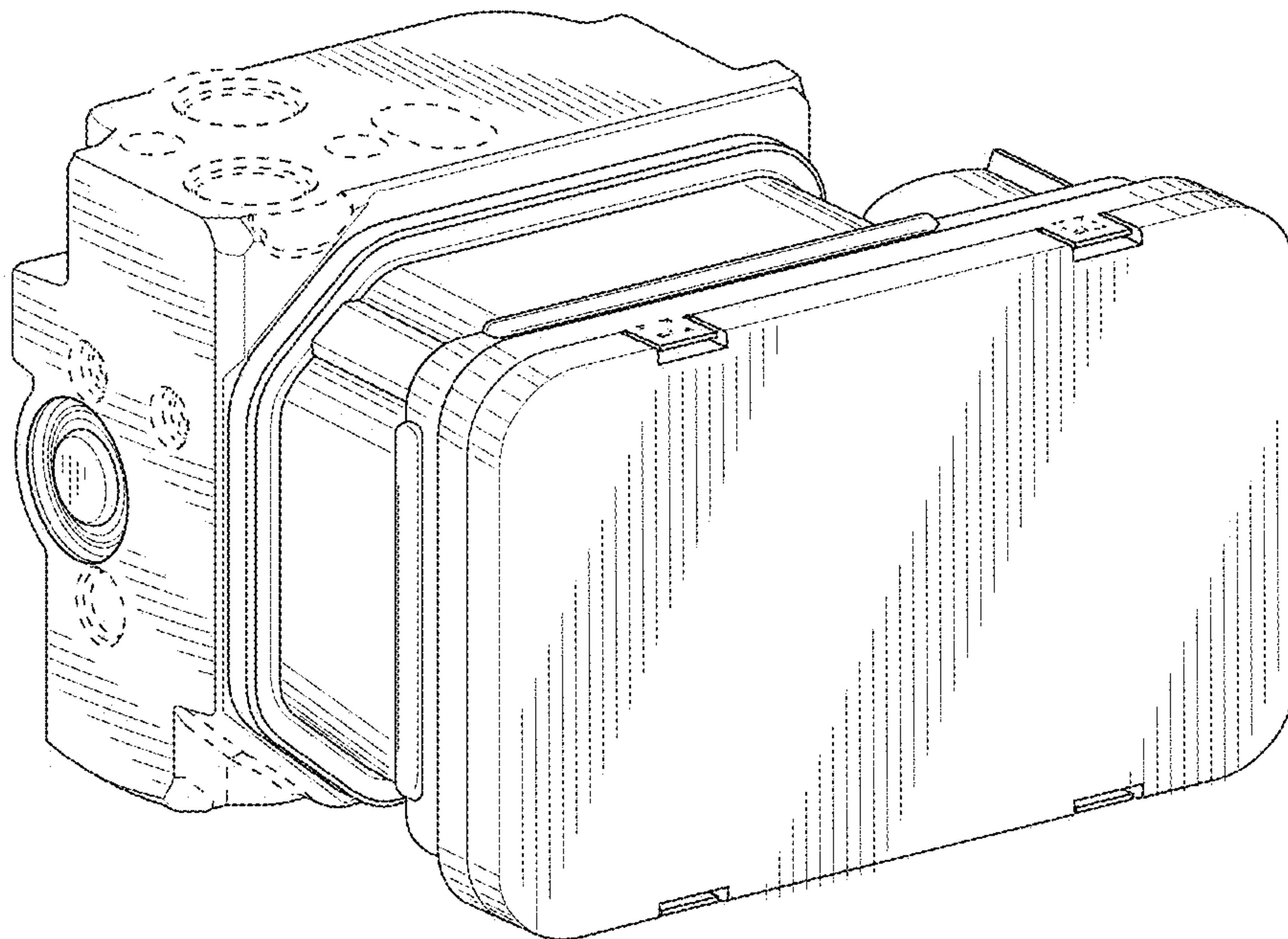


FIG. 2

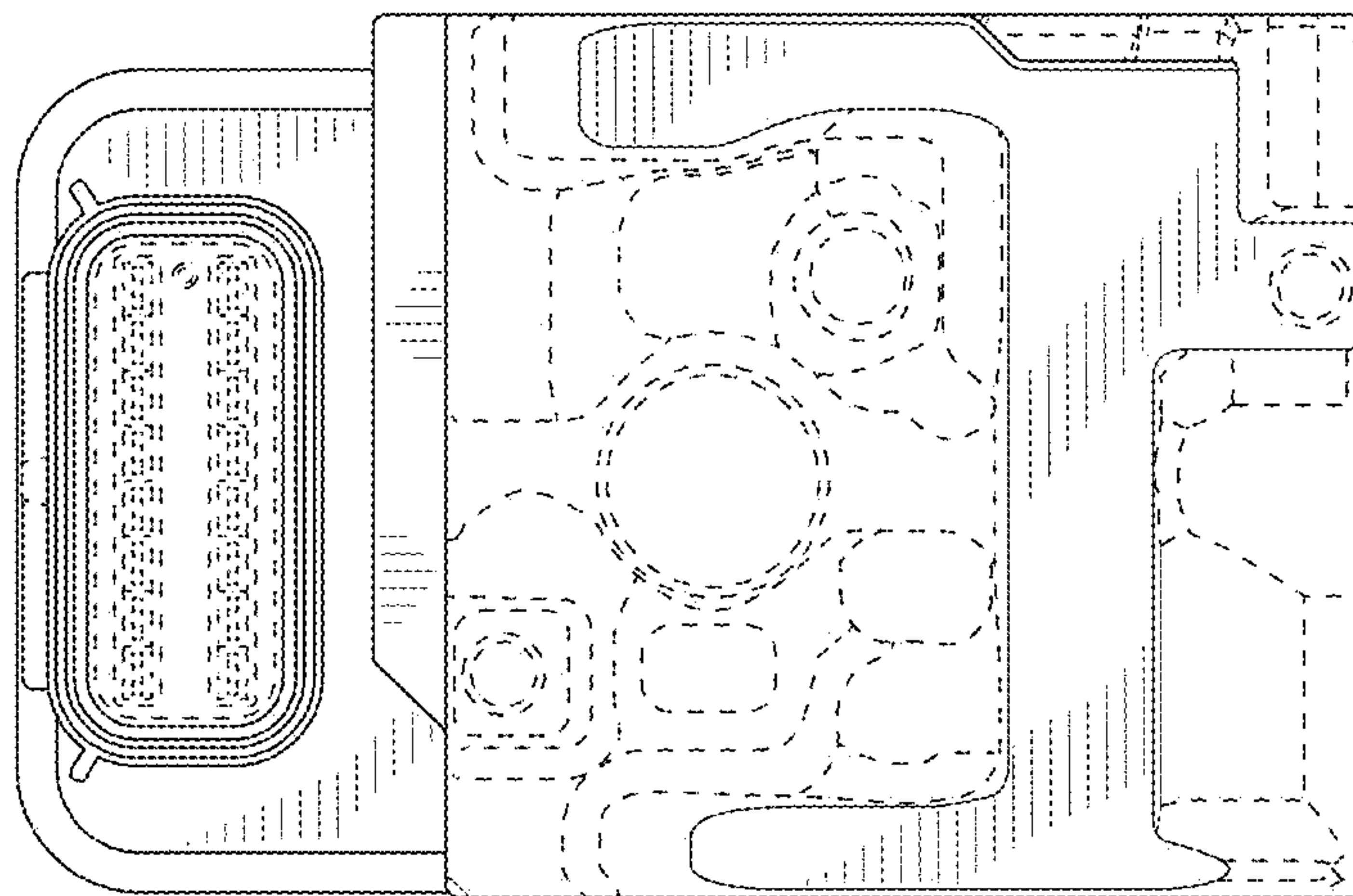


FIG. 3

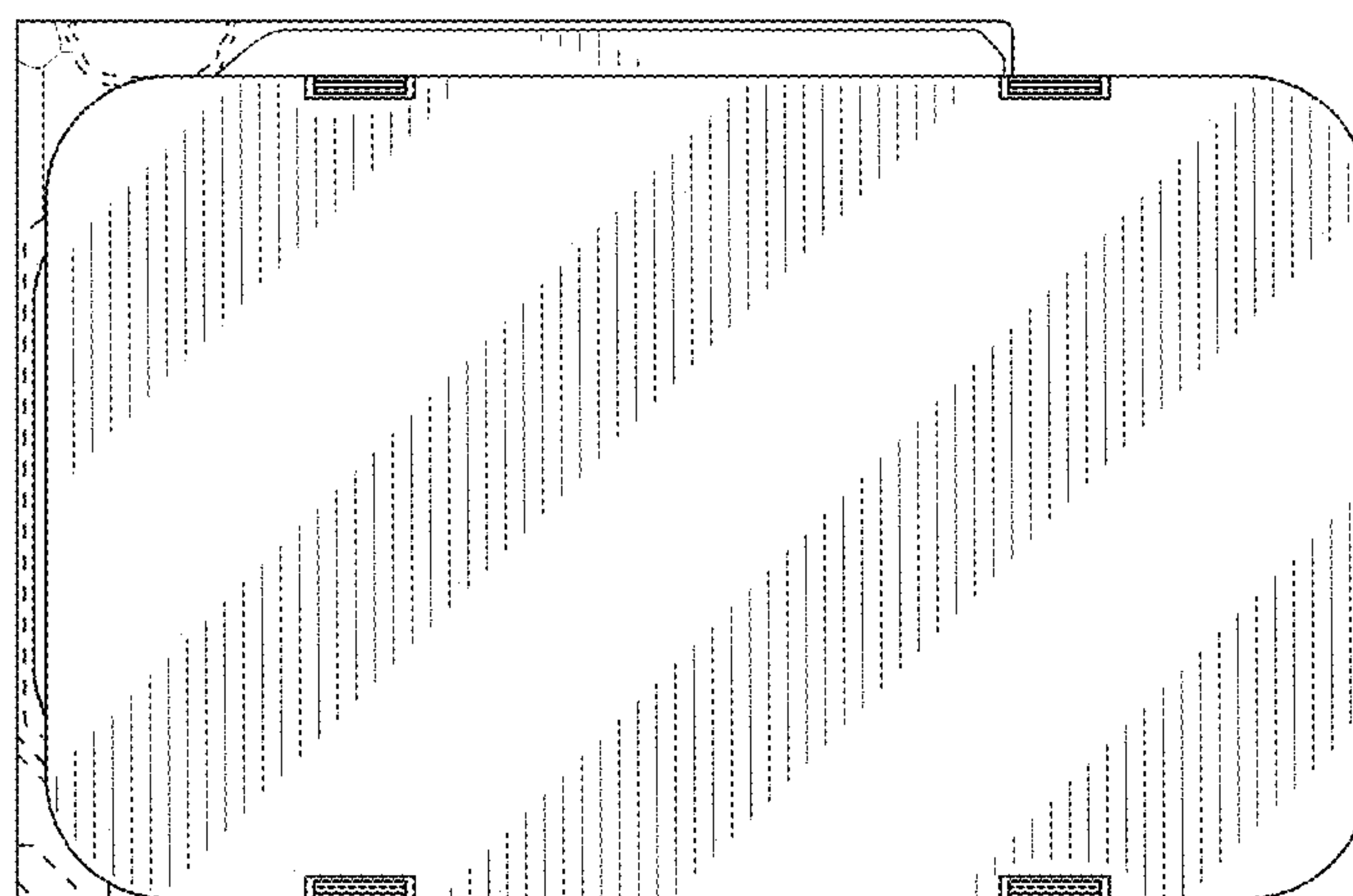


FIG. 4

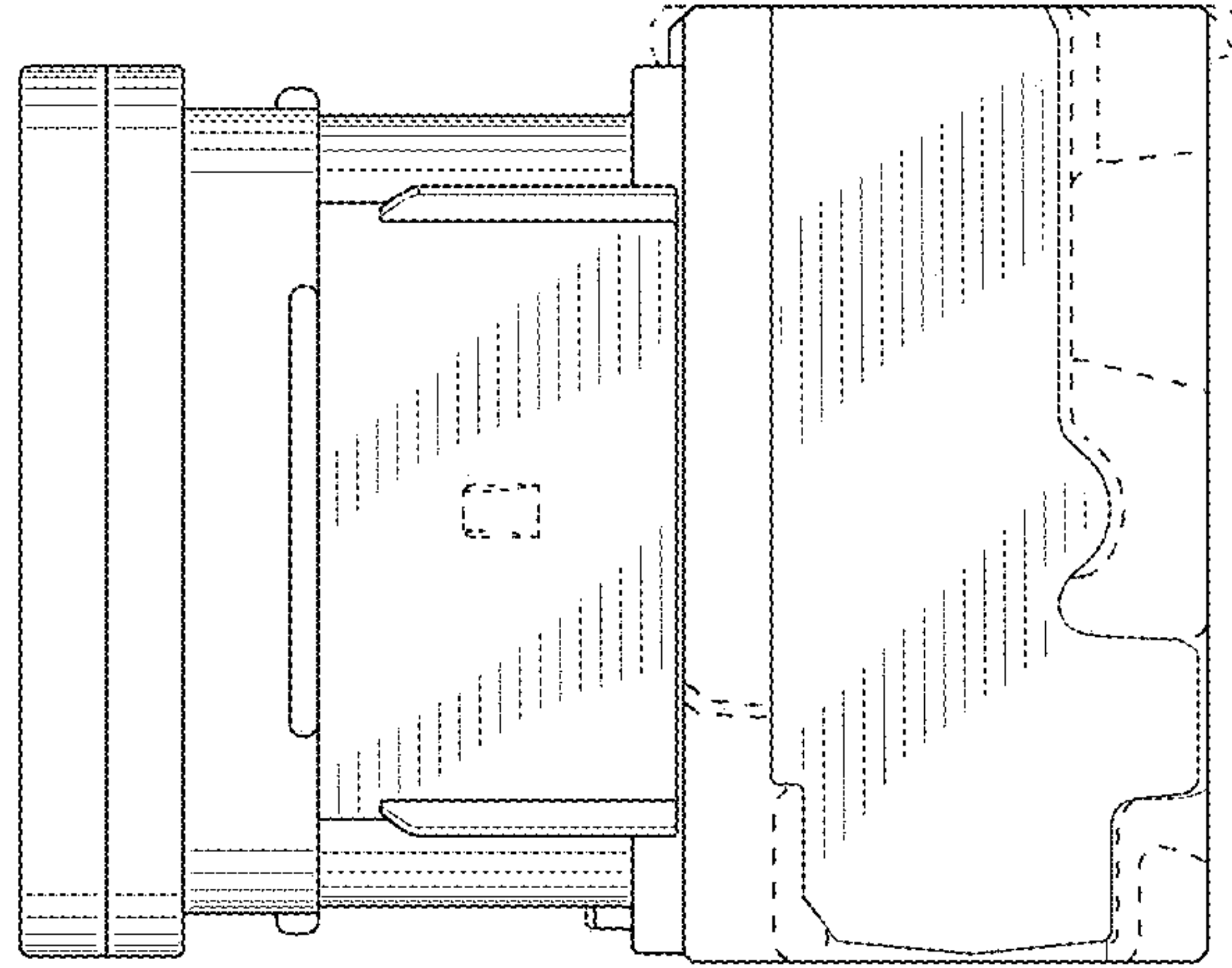


FIG. 5

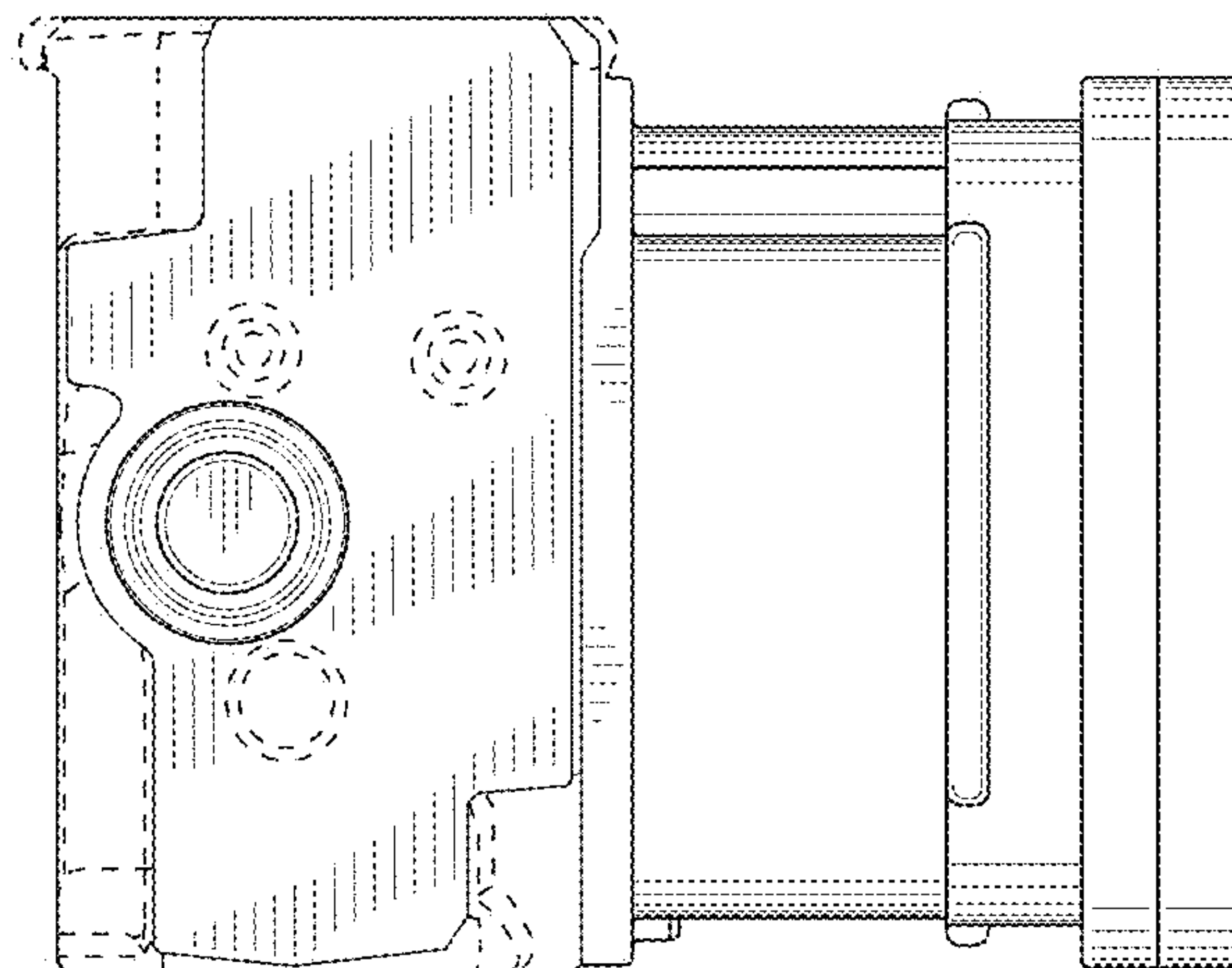


FIG. 6

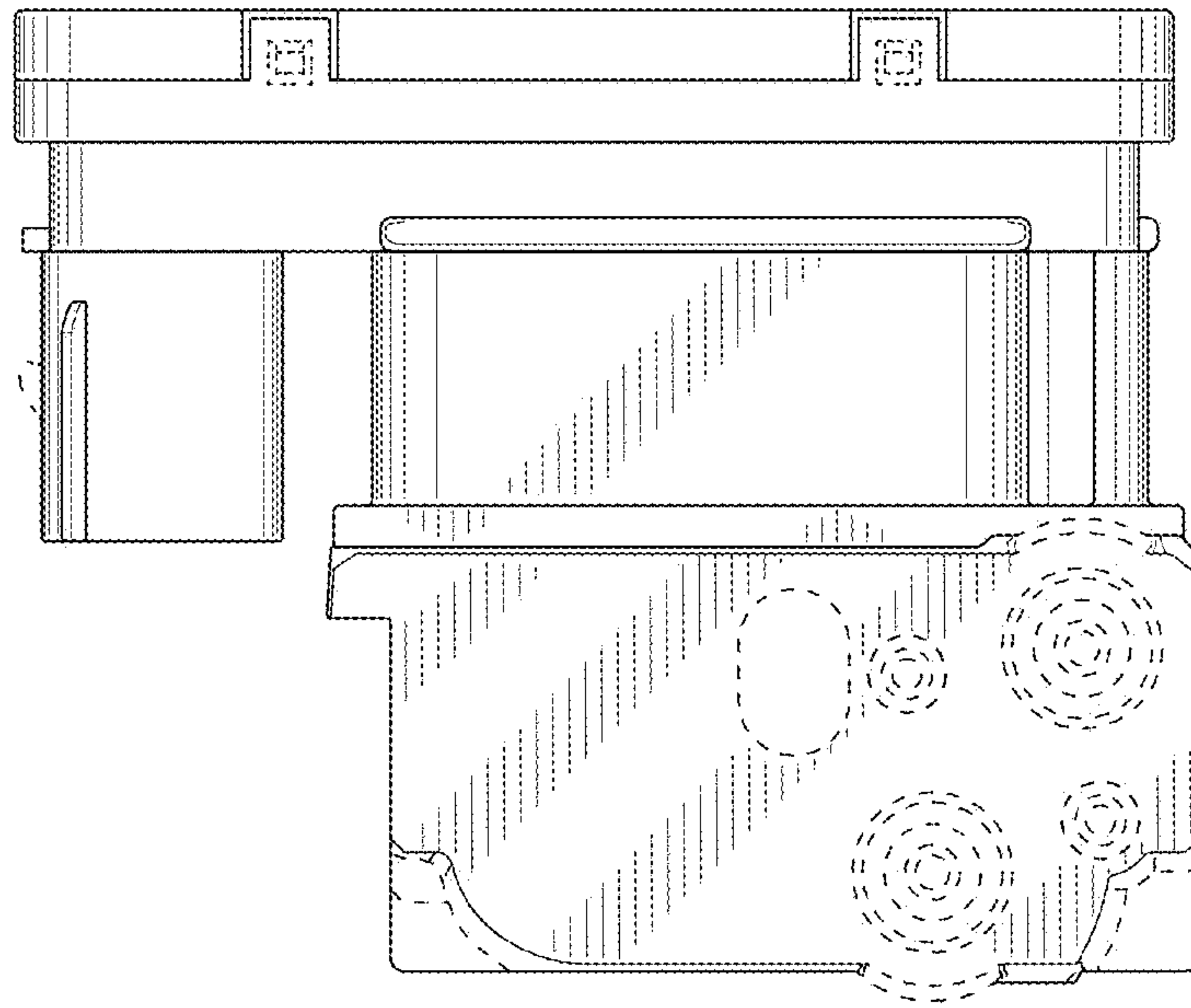


FIG. 7

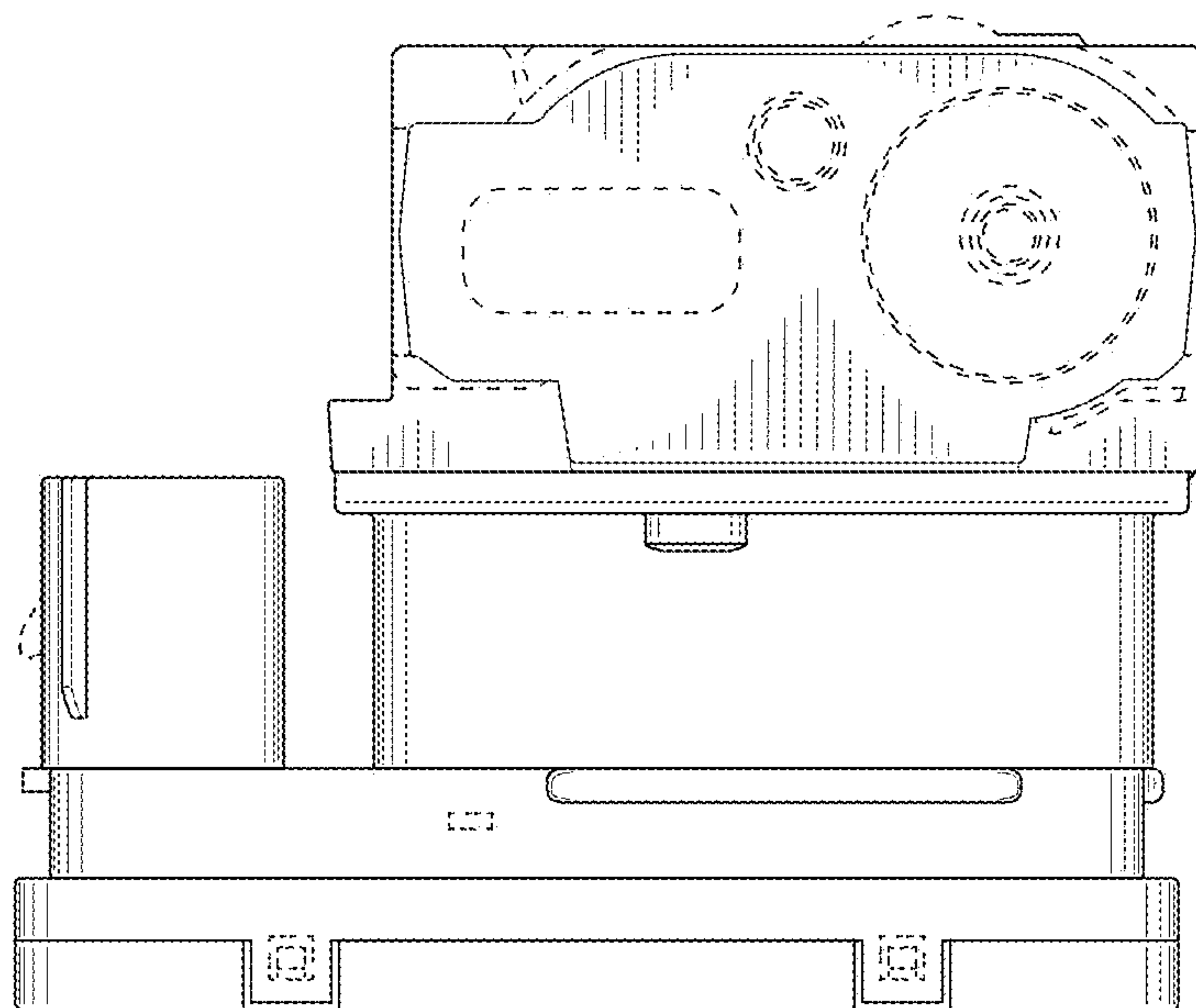


FIG. 8