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

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(45) **Date of Patent:** **** Jan. 15, 2013**

(54) **PHYSICAL AMOUNT SENSOR FOR AIR**

(56) **References Cited**

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Hiromu Kikawa, Hitachinaka (JP);
Keiji Hanzawa, Mito (JP)

U.S. PATENT DOCUMENTS

5,653,538	A *	8/1997	Phillips	374/138
D447,972	S *	9/2001	Igarashi et al.	D10/96
D660,192	S *	5/2012	Hanzawa et al.	D10/96
2003/0005779	A1 *	1/2003	Bernard	73/861.65
2006/0056489	A1 *	3/2006	Bernard et al.	374/208

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* cited by examiner

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

Primary Examiner — Antoine D Davis

(21) Appl. No.: **29/397,276**

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(22) Filed: **Jul. 14, 2011**

(57) **CLAIM**

We claim the ornamental design for a physical amount sensor for air, as shown.

(30) **Foreign Application Priority Data**

DESCRIPTION

Feb. 17, 2011 (JP) 2011-003279

(51) **LOC (9) Cl.** **10-04**

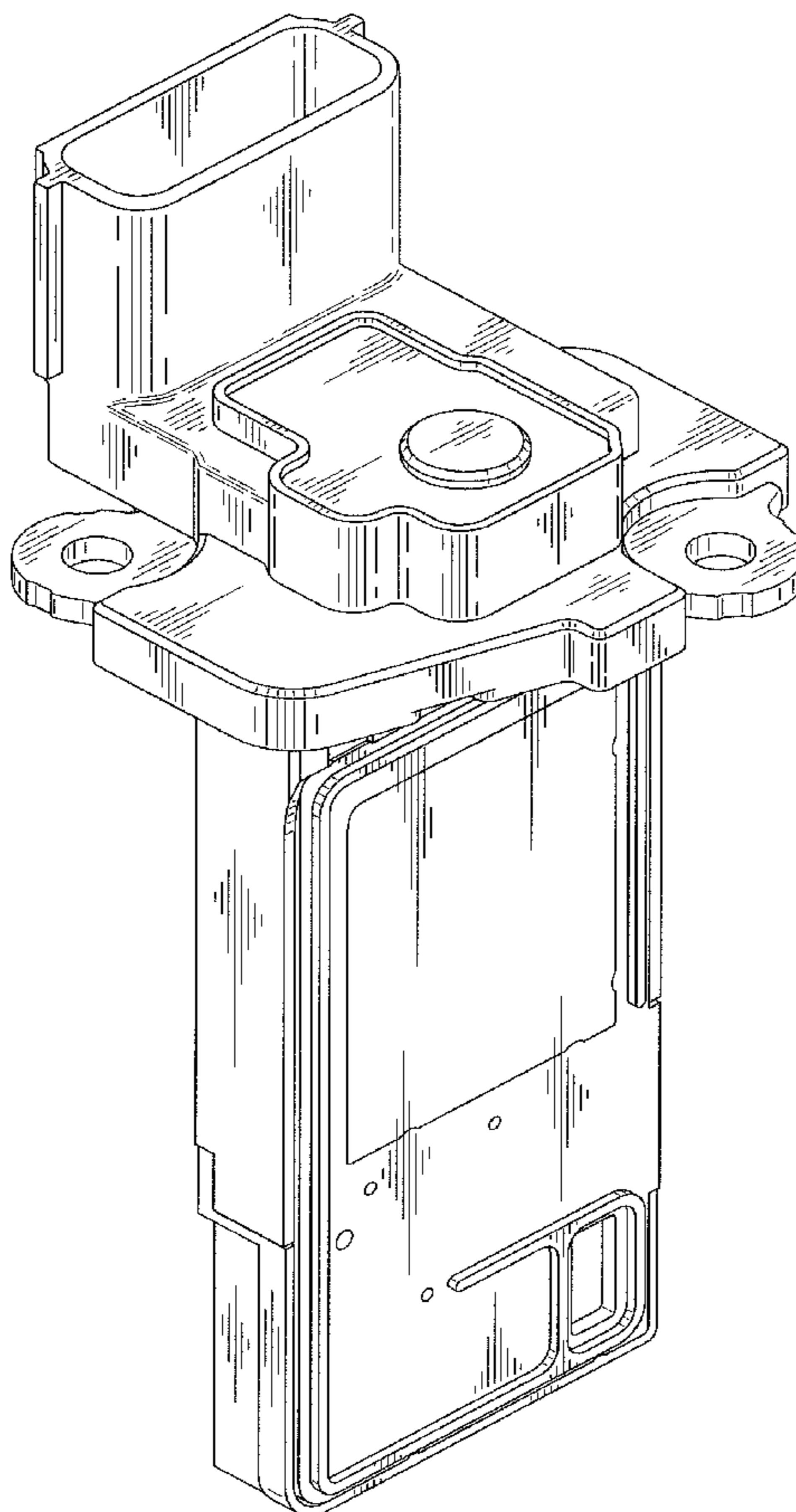
(52) **U.S. Cl.** **D10/96**

(58) **Field of Classification Search** D10/96;
73/861.65–861.66, 118.2, 202, 204.18, 204.25,
73/204.11, 202.5; 374/E13.006, 205; 123/494;
701/103

FIG. 1 is a front, top and right side perspective view of a physical amount sensor for air showing our/my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

See application file for complete search history.

1 Claim, 6 Drawing Sheets



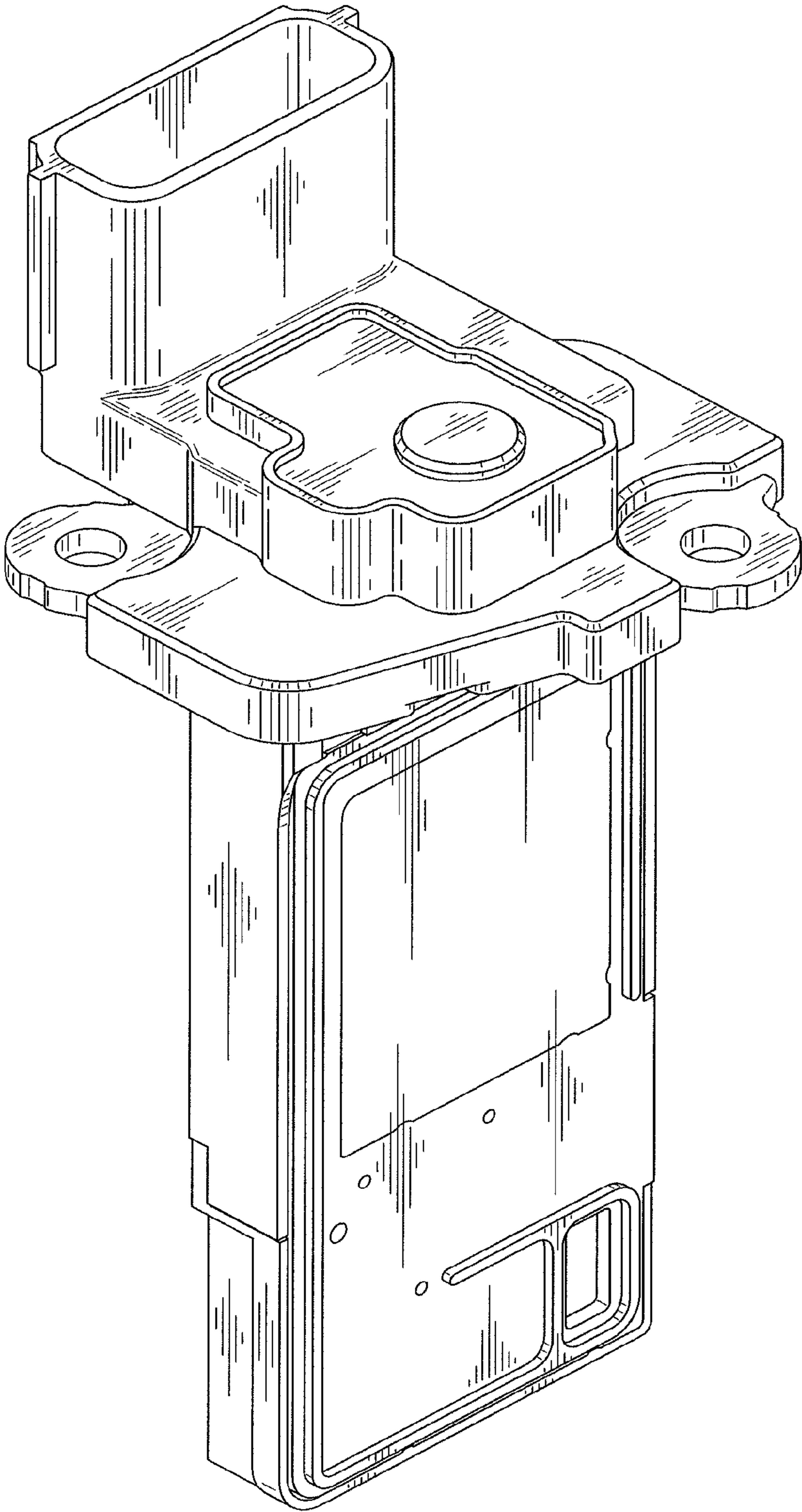


FIG. 1

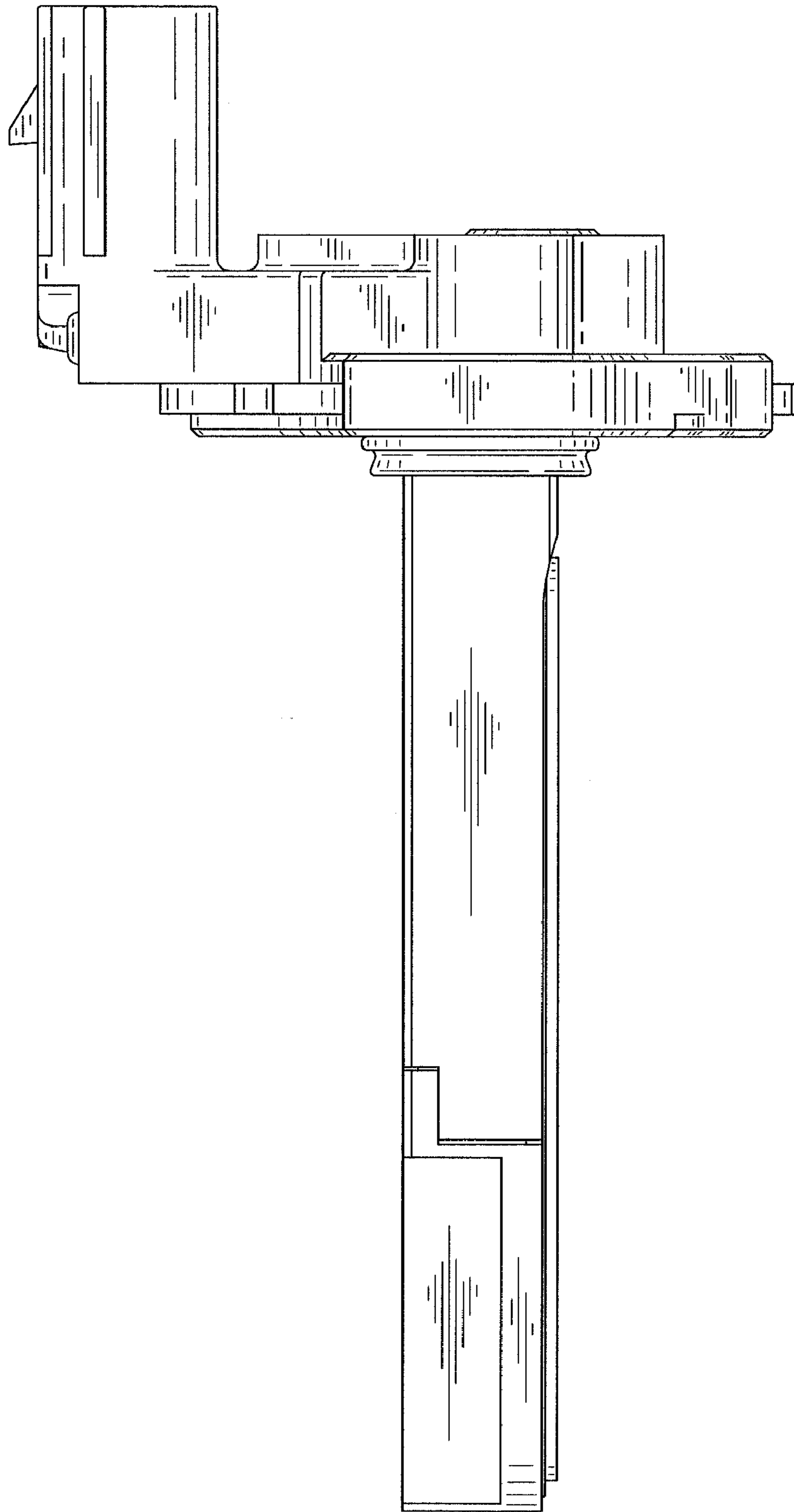


FIG. 2

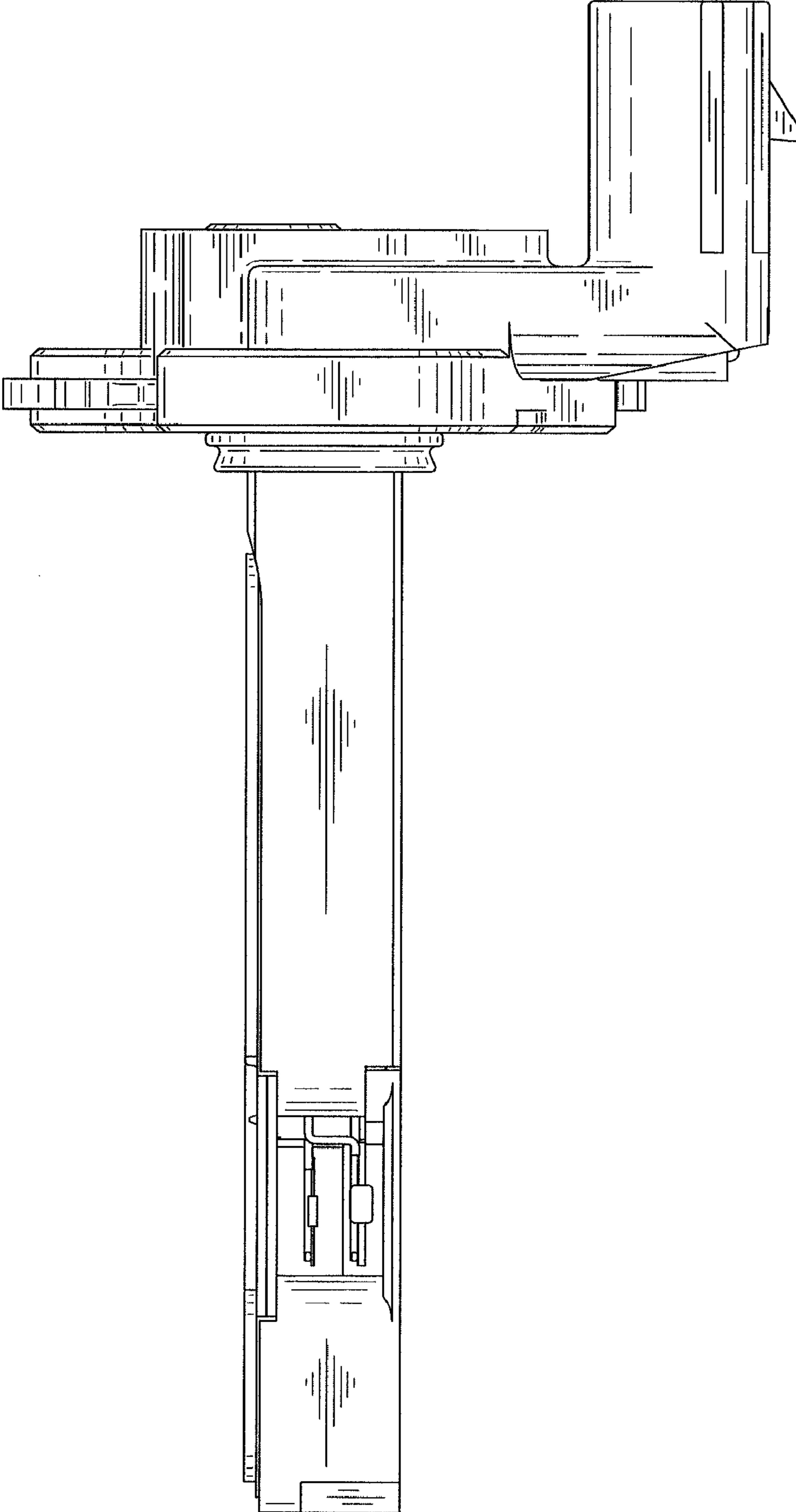


FIG. 3

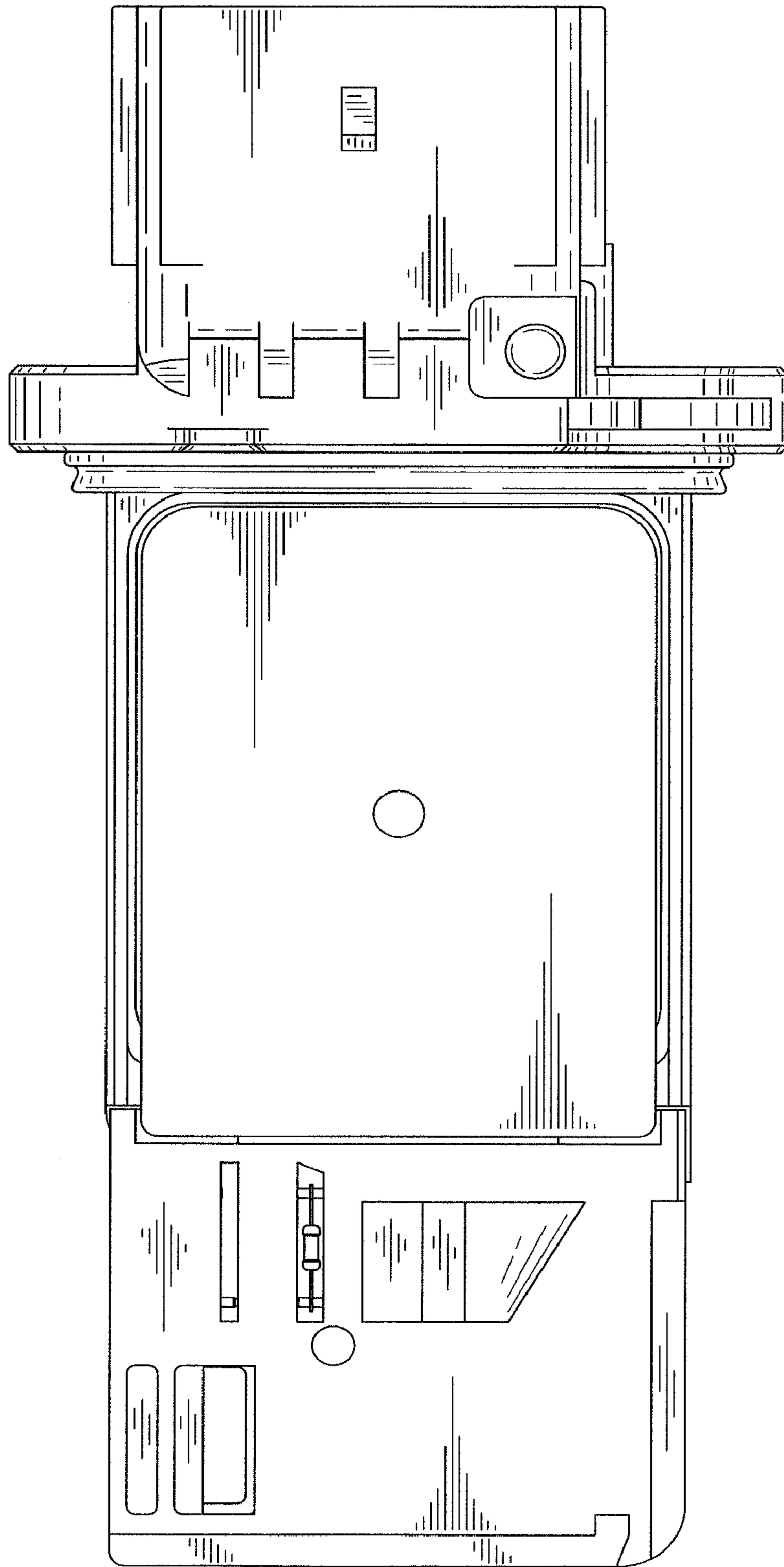


FIG. 4

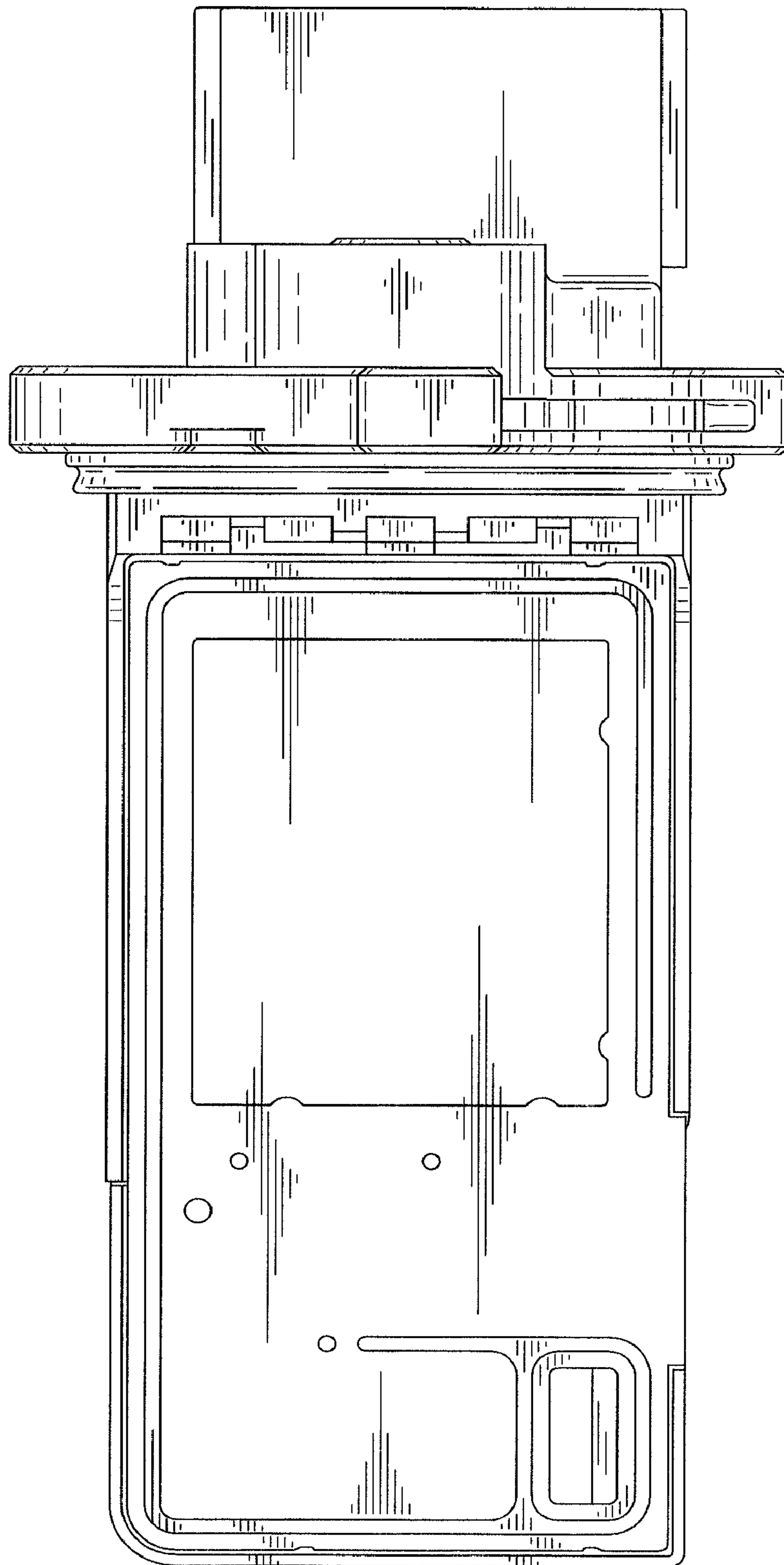


FIG. 5

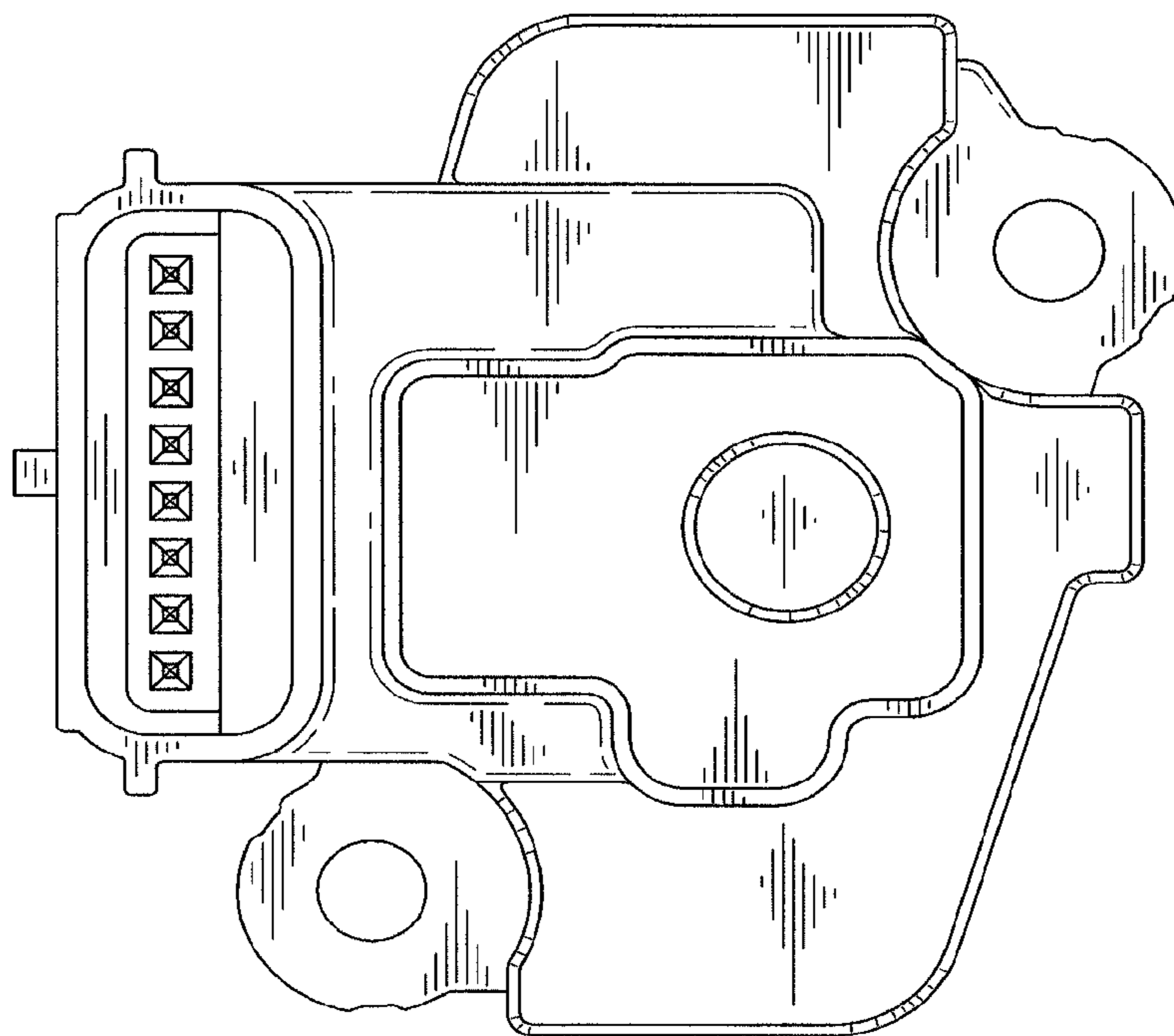


FIG. 6

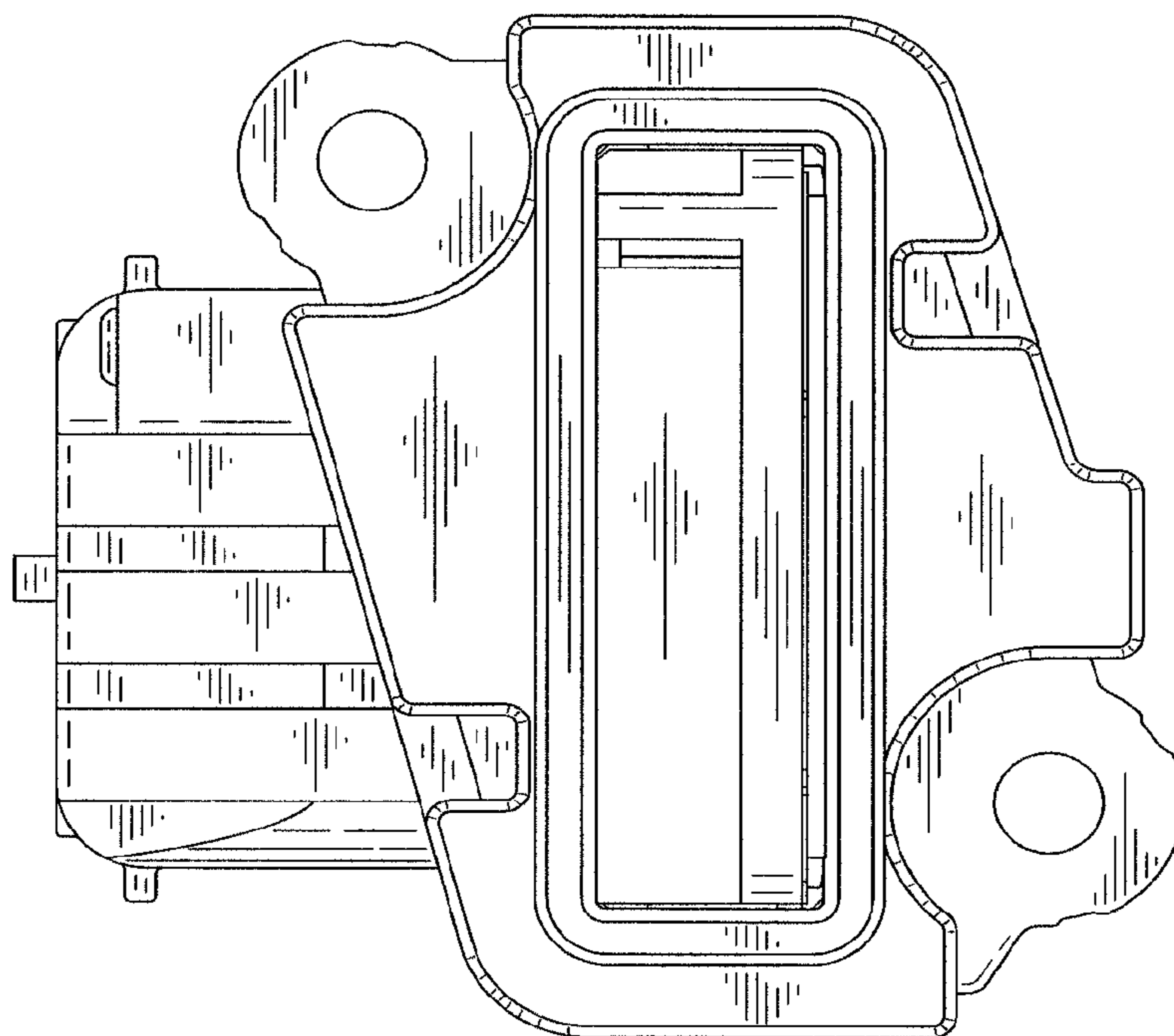


FIG. 7