



US0D1032386S

(12)

United States Design Patent

Huang

(10)

Patent No.:

US D1,032,386 S

(45)

Date of Patent:

** Jun. 25, 2024

(54) MEMS MASS FLOW CONTROLLER

(71) Applicant: Liji Huang, Santa Clara, CA (US)

(72) Inventor: Liji Huang, Santa Clara, CA (US)

(73) Assignee: Siargo Ltd., Santa Clara, CA (US)

(**) Term: 15 Years

(21) Appl. No.: 29/850,163

(22) Filed: Aug. 17, 2022

(51) LOC (14) Cl. 10-04

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

(58) Field of Classification Search USPC D10/96
CPC .. H04Q 9/00; H04Q 2209/43; H04Q 2209/60; G01F 1/76; G01F 1/78; G01F 1/785; G01F 1/80; G01F 1/82; G01F 1/84; G01F 1/8404; G01F 1/8409; G01F 1/8413; G01F 1/8418; G01F 1/8422; G01F 1/8427; G01F 1/8431; G01F 1/8436; G01F 1/844; G01F 1/8445; G01F 1/845; G01F 1/8454; G01F 1/8459; G01F 1/8463; G01F 1/8468; G01F 1/8472; G01F 1/8477; G01F 1/8481; G01F 1/8486; G01F 1/849; G01F 1/8495; G01F 1/86; G01F 1/88; G01F 1/90; G01F 15/14; G01F 15/005; G01F 15/006; Y02B 90/20; Y04S 20/50

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D436,876	S	*	1/2001	Barger	D10/96
D584,179	S	*	1/2009	Mendelson	G05D 7/0635 D10/96
D590,734	S	*	4/2009	Mendelson	G05D 7/0635 D10/96
D862,262	S	*	10/2019	Chatzikonstantinou	D10/96
D863,088	S	*	10/2019	Chatzikonstantinou	D10/96
D913,828	S	*	3/2021	Kurisasi	D23/235
D1,000,985	S	*	10/2023	van de Bospoort	D10/96
2014/0118161	A1	*	5/2014	Jiang	H04Q 9/00 73/202
2017/0241822	A1	*	8/2017	Wong	G01D 4/02
2021/0396548	A1	*	12/2021	Huang	G01F 1/6965

* cited by examiner

Primary Examiner — Antoine Duval Davis

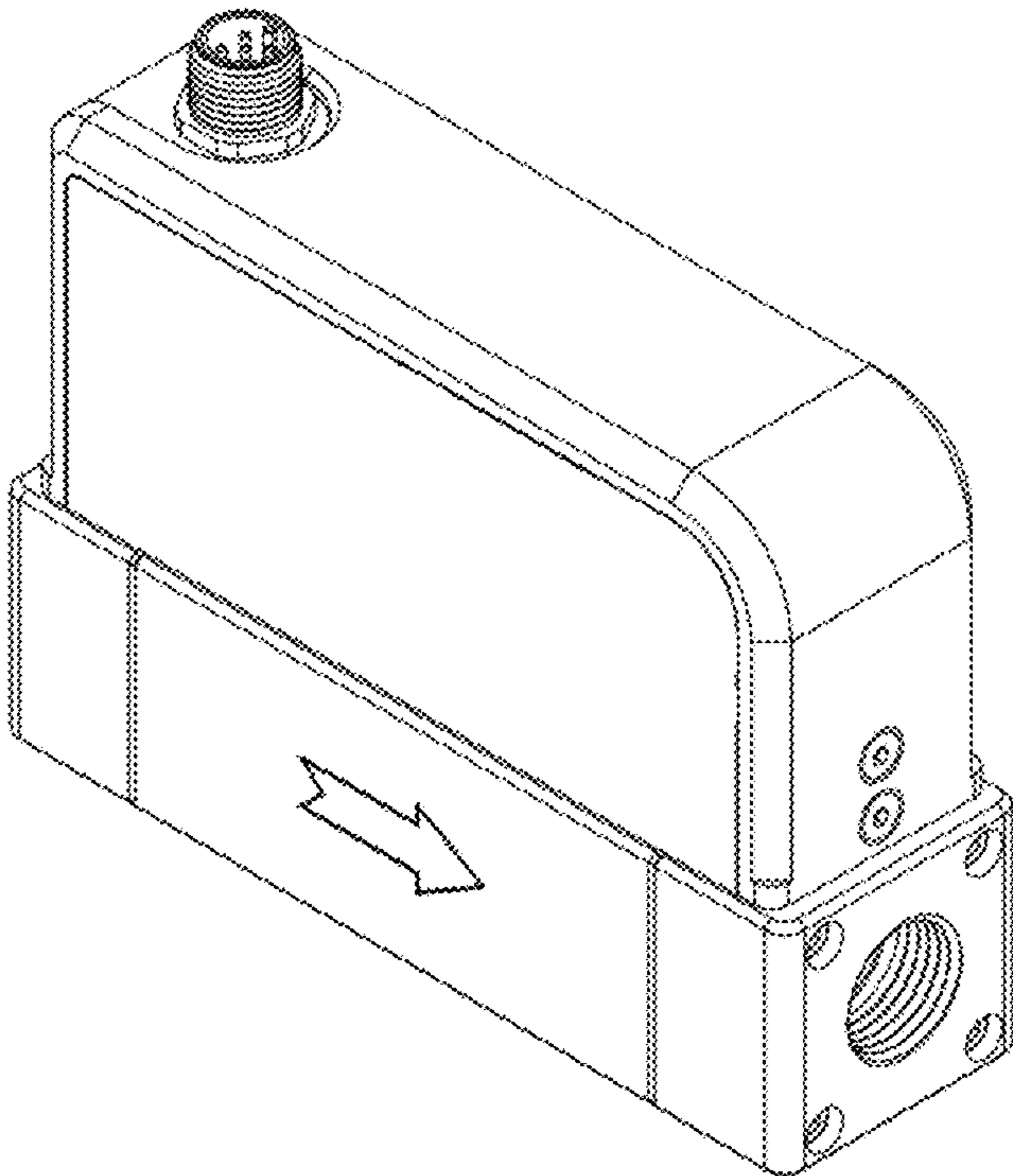
(57) CLAIM

I claim the ornamental design for a MEMS mass flow controller, substantially as shown and described.

DESCRIPTION

FIG. 1 is a front right perspective view of a MEMS mass flow controller in accordance with the present design.
FIG. 2 is a front view for the MEMS mass flow controller.
FIG. 3 is a rear view thereof.
FIG. 4 is a left side plan view thereof.
FIG. 5 is a right side plan view thereof.
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
Broken lines are used to show environment and boundaries that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



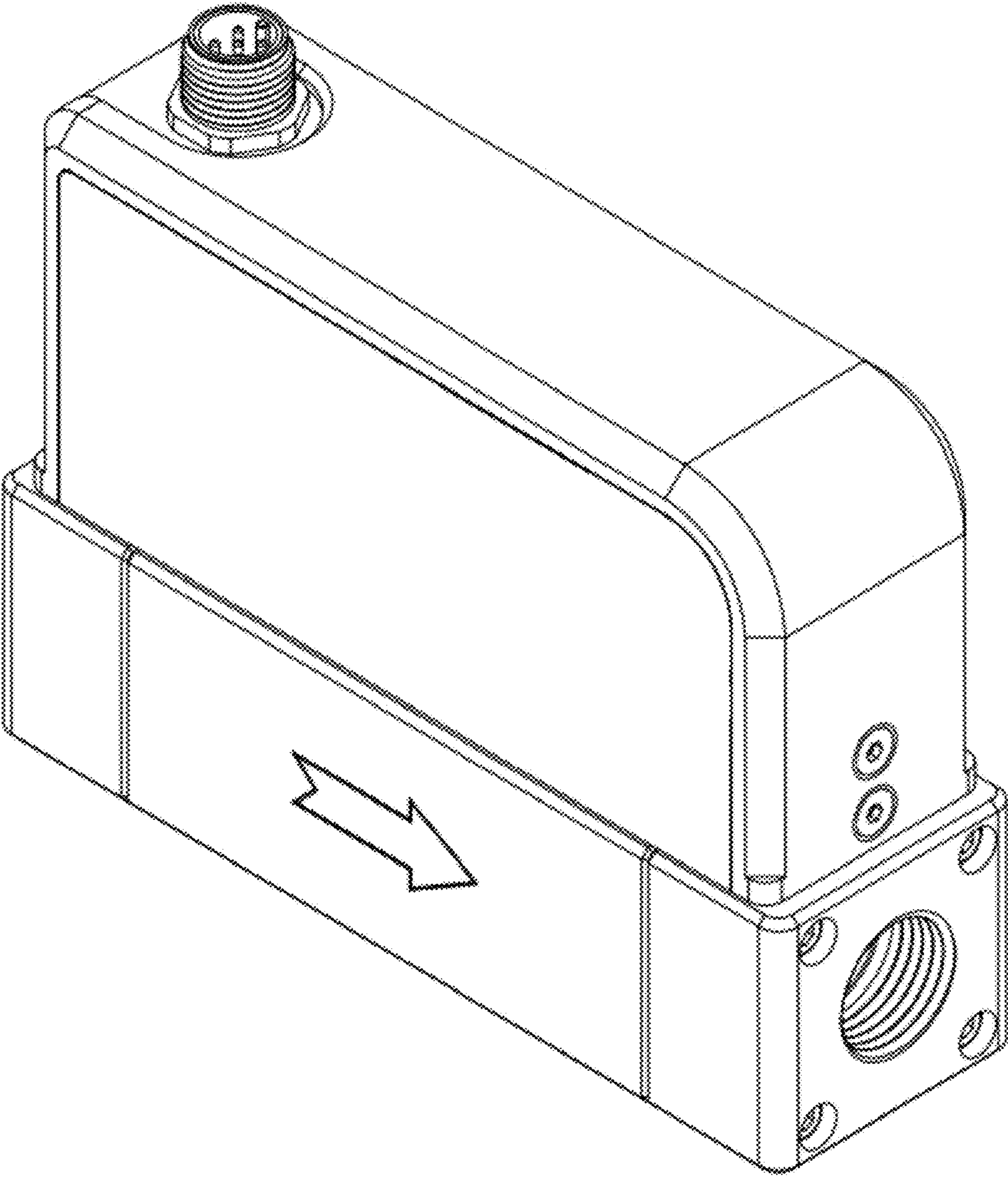


FIG. 1

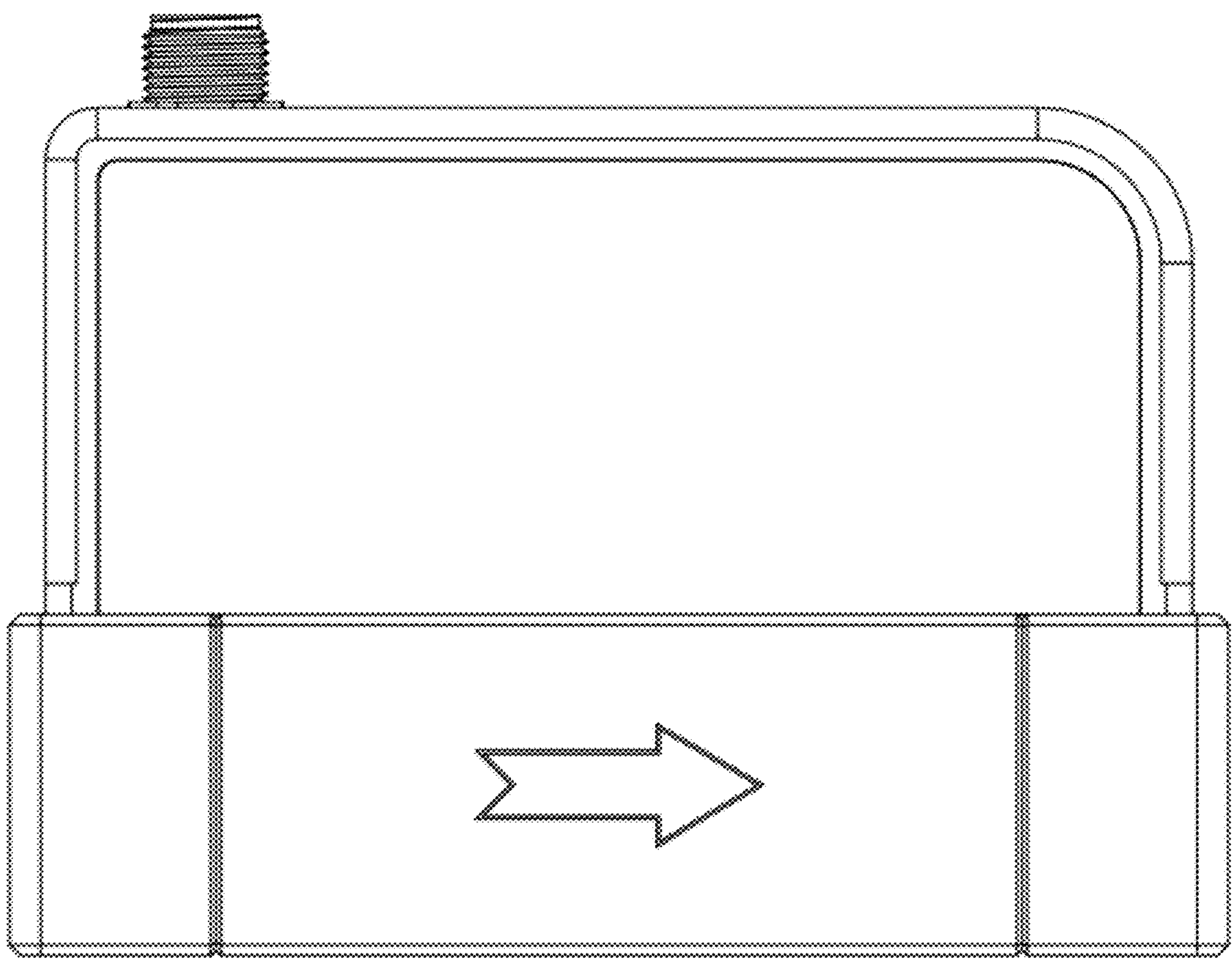


FIG. 2

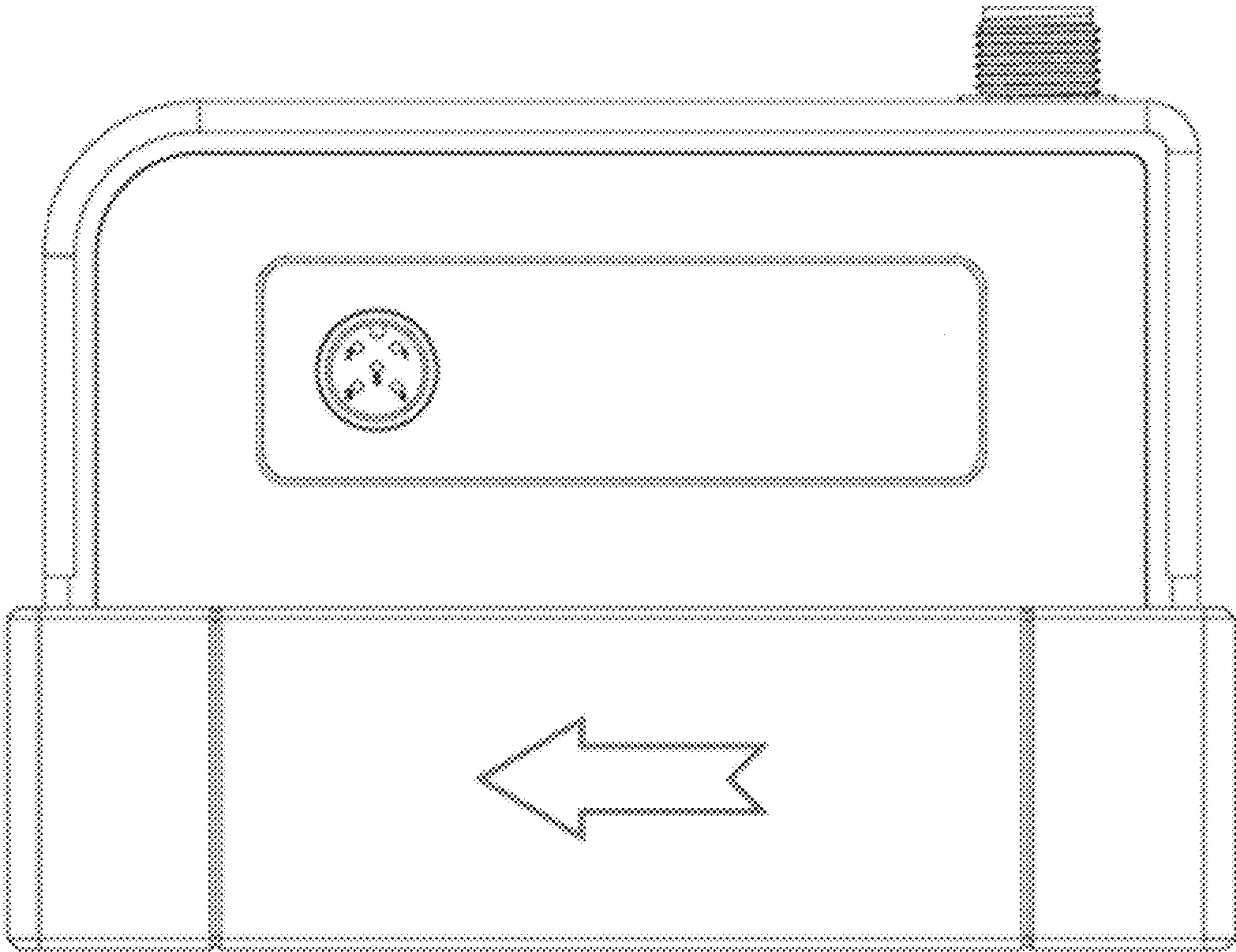


FIG. 3

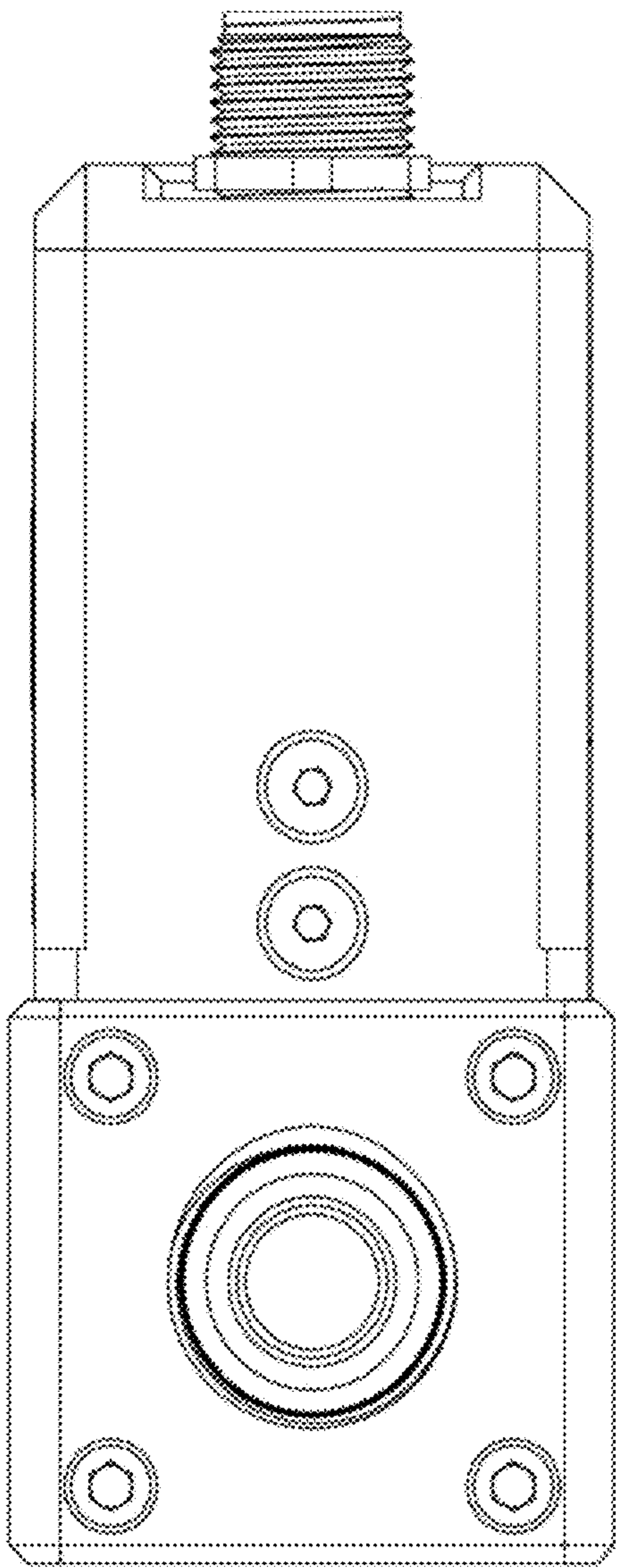


FIG. 4

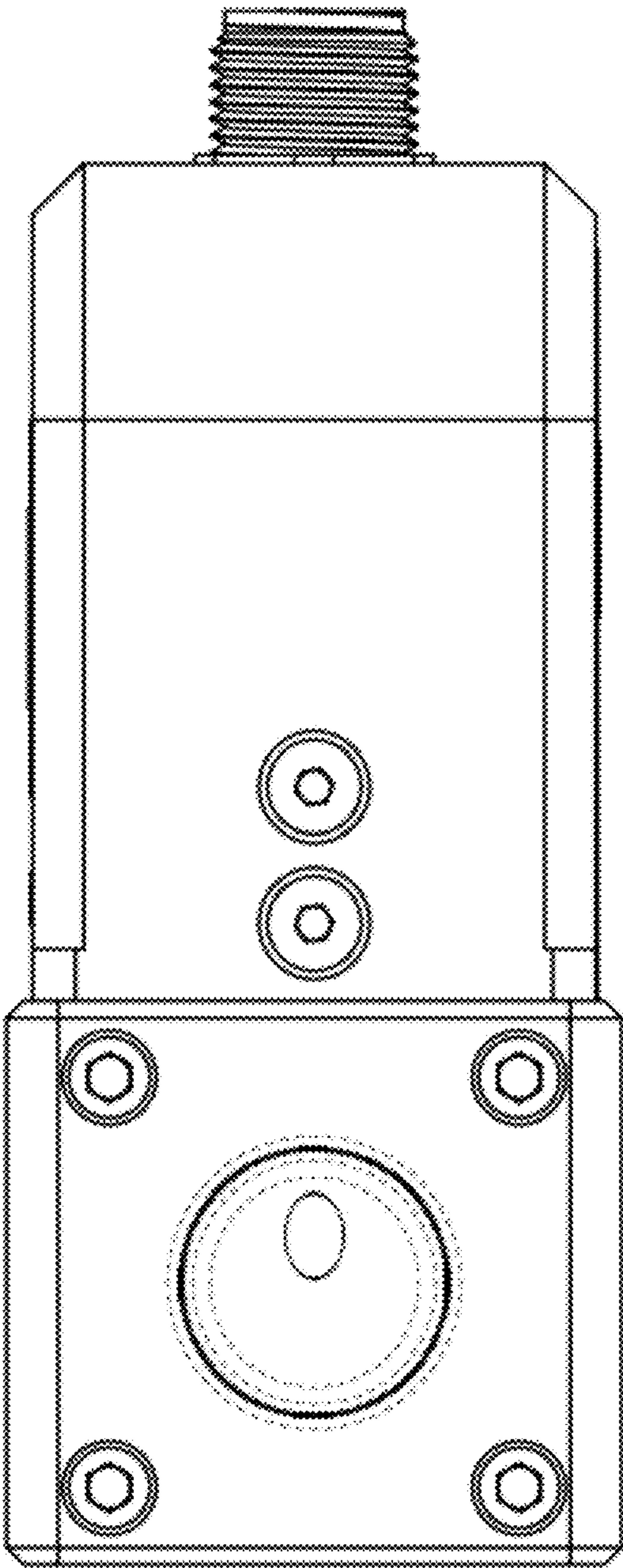


FIG. 5

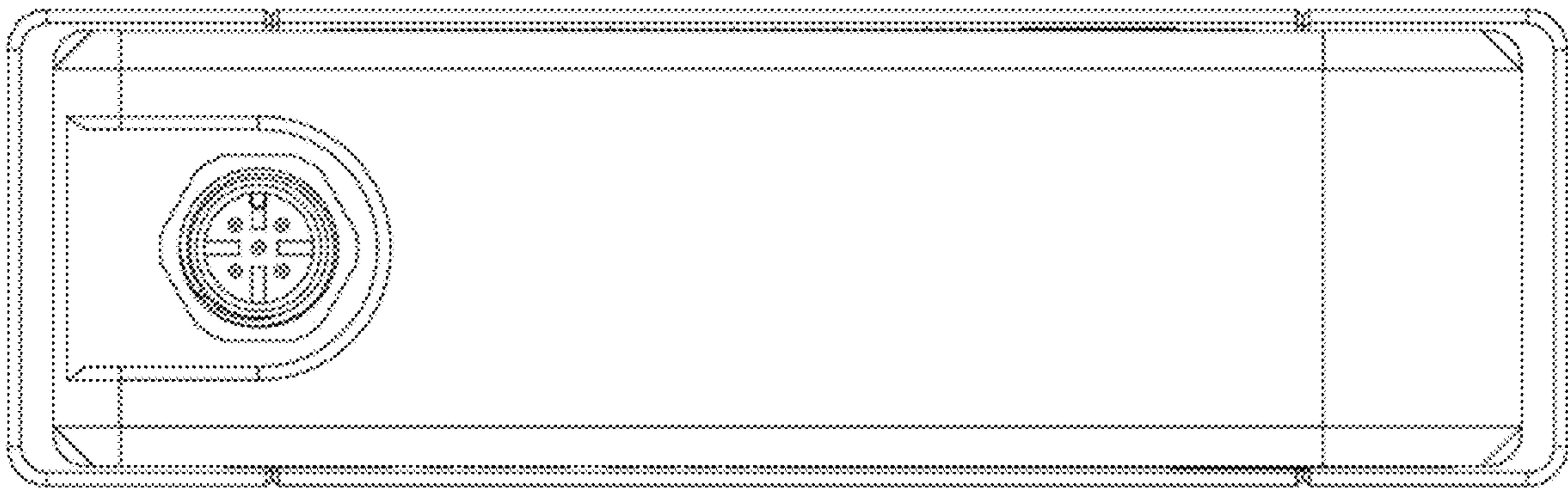


FIG. 6

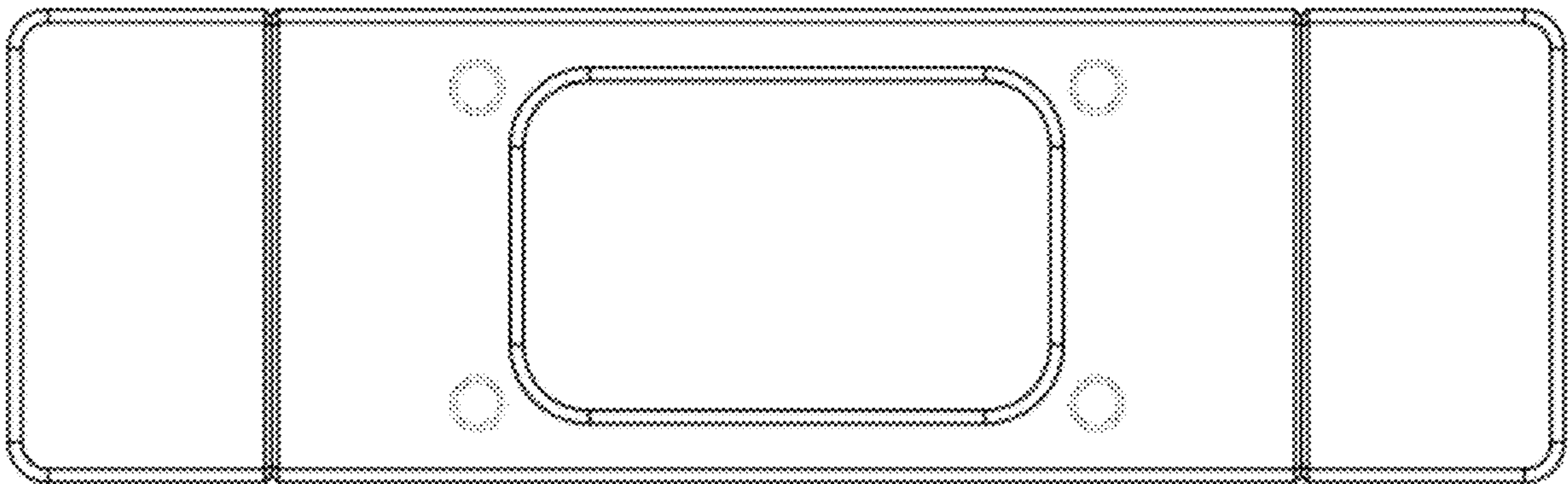


FIG. 7