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(12) United States Design Patent

Inada et al.

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(45) Date of Patent: ** *Oct. 31, 2017

(54) **CURRENT SENSOR**

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(73) Assignee: **TAMURA Corporation**, Tokyo (JP)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/522,892**

(22) Filed: **Apr. 3, 2015**

(30) **Foreign Application Priority Data**

Oct. 3, 2014 (JP) 2014-022099
Oct. 3, 2014 (JP) 2014-022100

(51) **LOC (10) Cl.** **10-04**
(52) **U.S. Cl.**
USPC **D10/75**; D13/110
(58) **Field of Classification Search**
USPC D10/75; D13/110
(Continued)

(56) **References Cited**

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International Design Registration No. DM/078510 (29 pages).

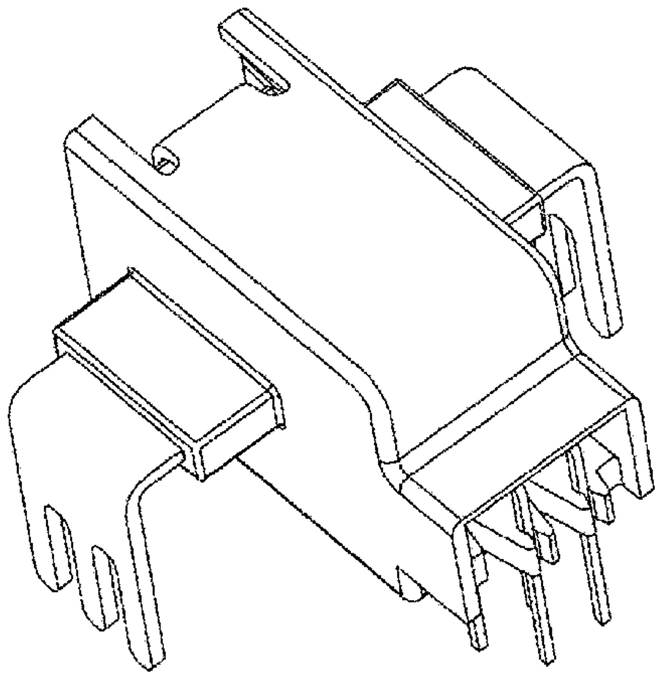
Primary Examiner — Antoine D Davis
(74) *Attorney, Agent, or Firm* — Osha Liang LLP

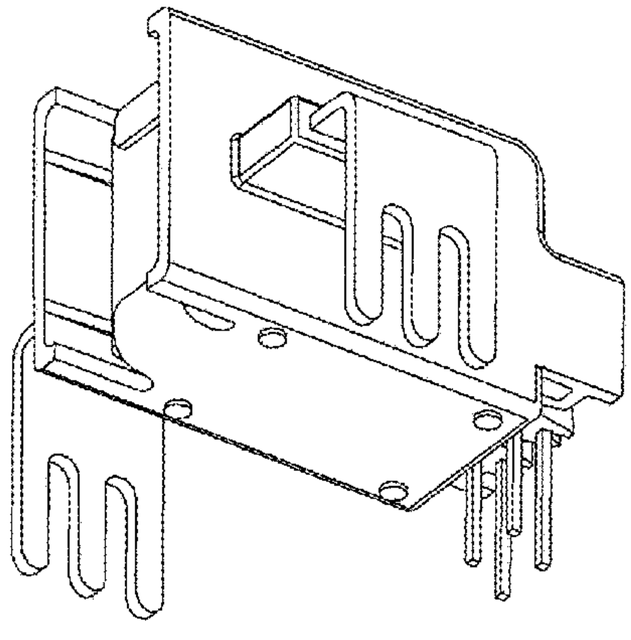
(57) **CLAIM**

An ornamental design for a current sensor, as shown and described.

DESCRIPTION

FIG. **1** is a front view of a first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **2** is a rear view of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **3** is a left side view of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **4** is a top view of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **5** is a bottom view of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **6** is a perspective view from the top of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **7** is a perspective view from the bottom of the first embodiment of an ornamental design of a current sensor according to the invention.
FIG. **8** is a front view of a second embodiment of an ornamental design of a current sensor according to the invention.
FIG. **9** is a rear view of the second embodiment of an ornamental design of a current sensor according to the invention.
FIG. **10** is a left side view of the second embodiment of an ornamental design of a current sensor according to the invention.
FIG. **11** is a top view of the second embodiment of an ornamental design of a current sensor according to the invention.
FIG. **12** is a bottom view of the second embodiment of an ornamental design of a current sensor aaccording to the invention.
FIG. **13** is a perspective view from the top of the second embodiment of an ornamental design of a current sensor according to the invention; and,
FIG. **14** is a perspective view from the bottom of the second embodiment of an ornamental design of a current sensor according to the invention.
The elements shown in broken lines are for illustrative purposes only and form no part of the claimed design.
(Continued)





A right side view of the design is omitted because it is symmetrical to the left side view.

1 Claim, 14 Drawing Sheets

(58) **Field of Classification Search**
CPC .. G01R 15/202; G01R 15/205; G01R 15/207; G01R 15/18; G01R 15/181; G01R 15/185; G01R 15/186; G01R 15/188; G01R 15/20; G01R 15/148; G01R 15/183; G01R 19/003; G01R 19/0092; H02G 5/04
See application file for complete search history.

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FIG. 1

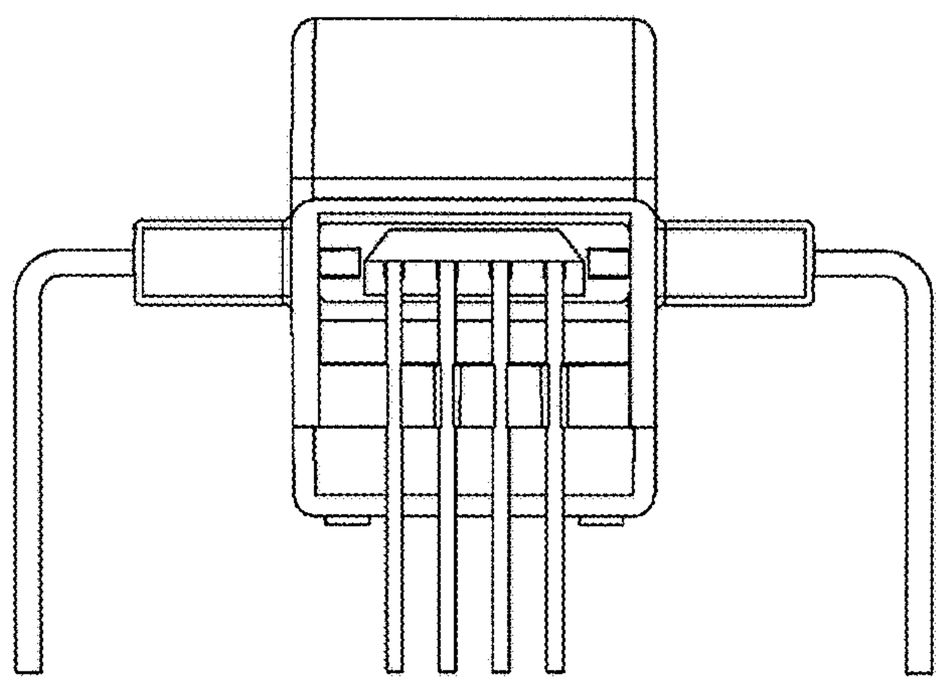

FIG. 2

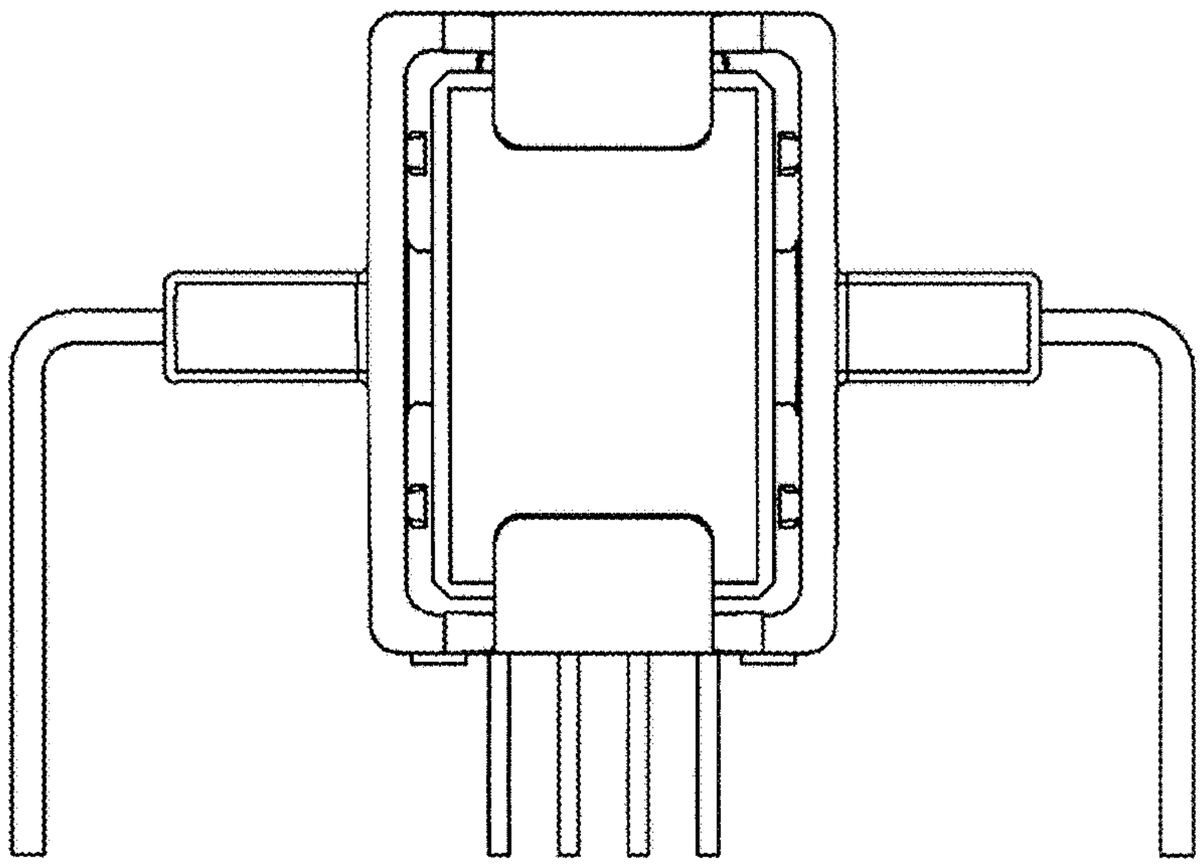

FIG. 3

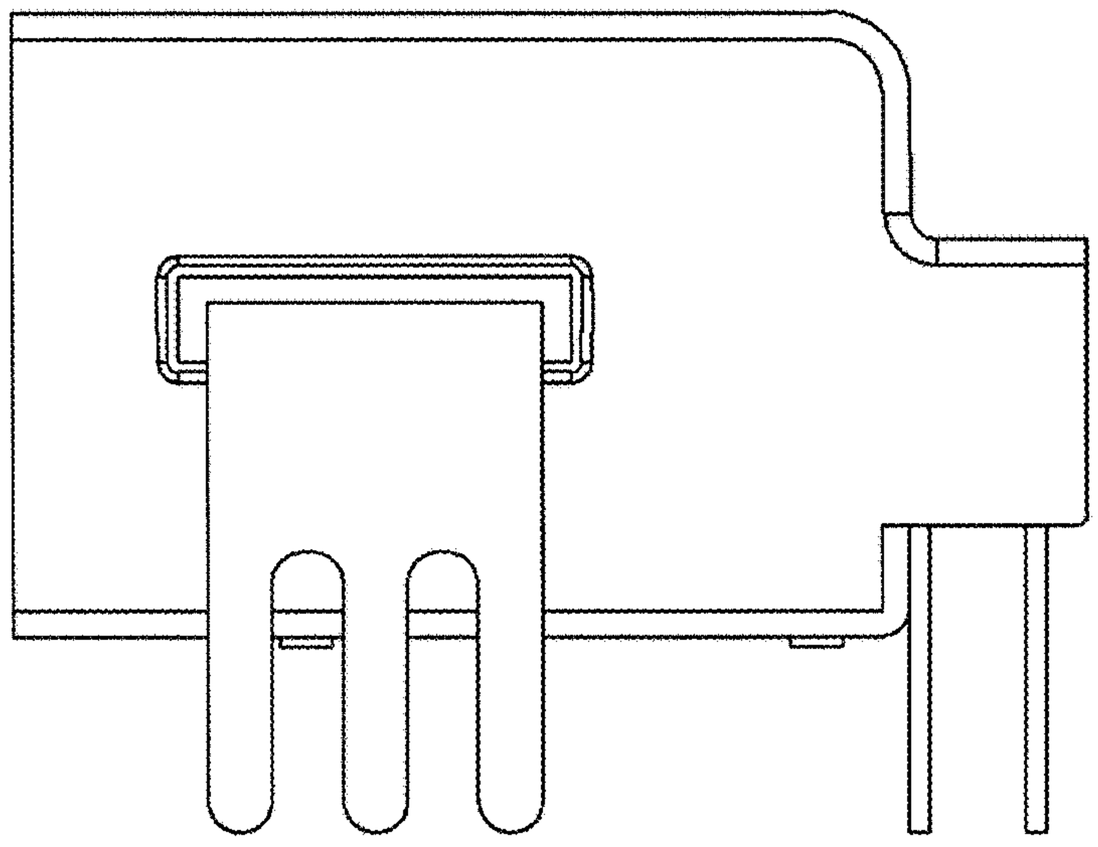

FIG. 4

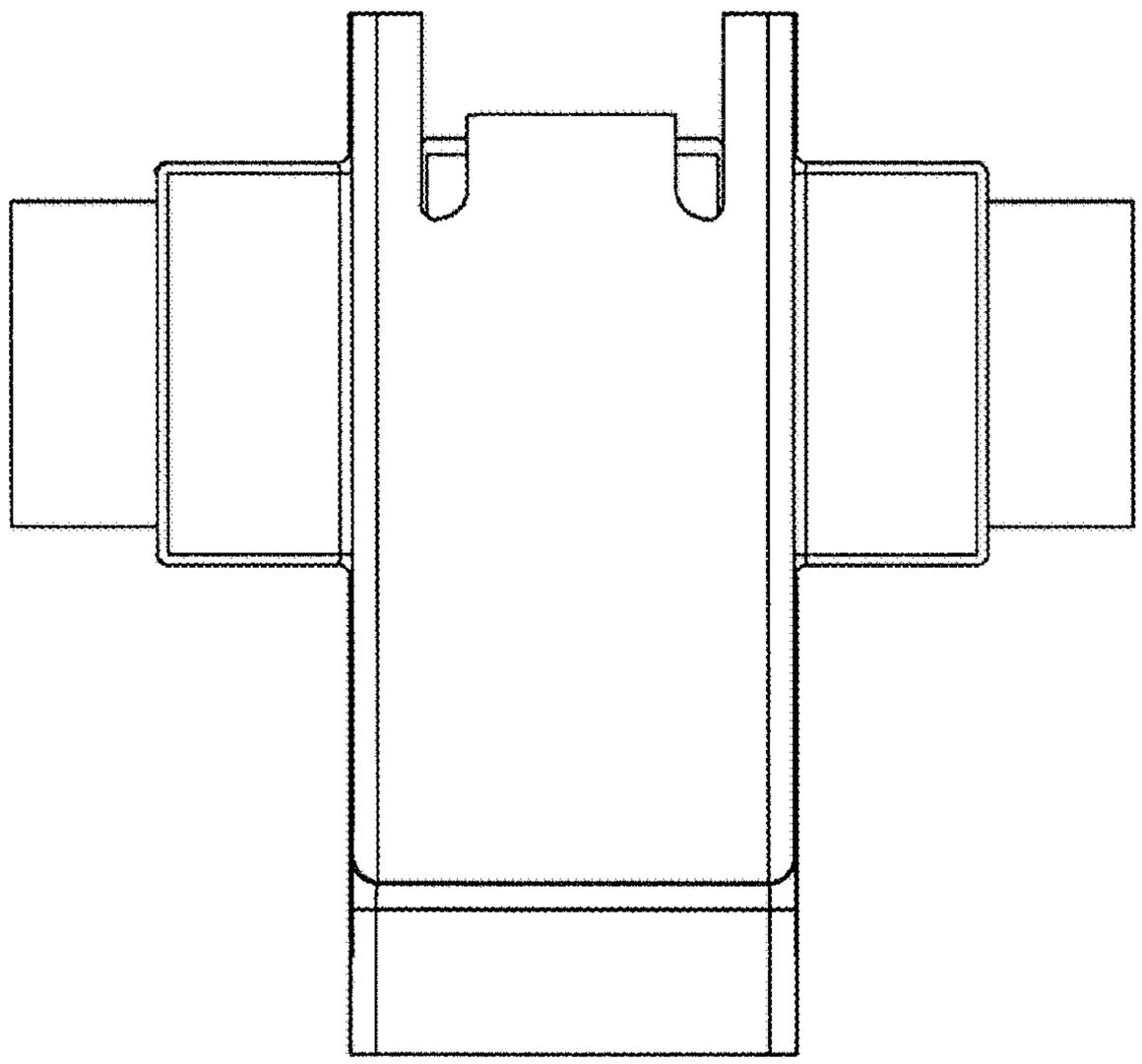

FIG. 5

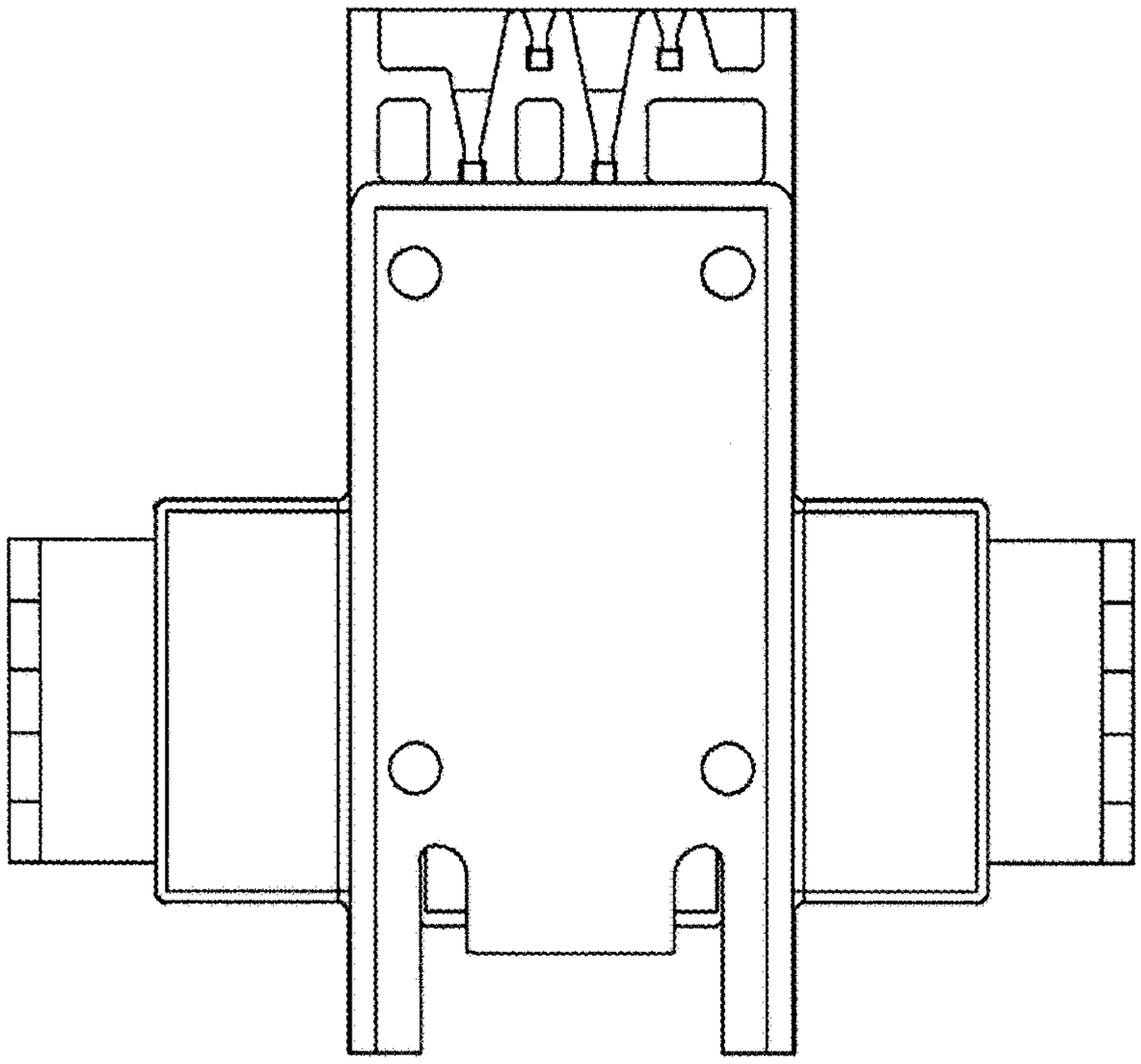

FIG. 6

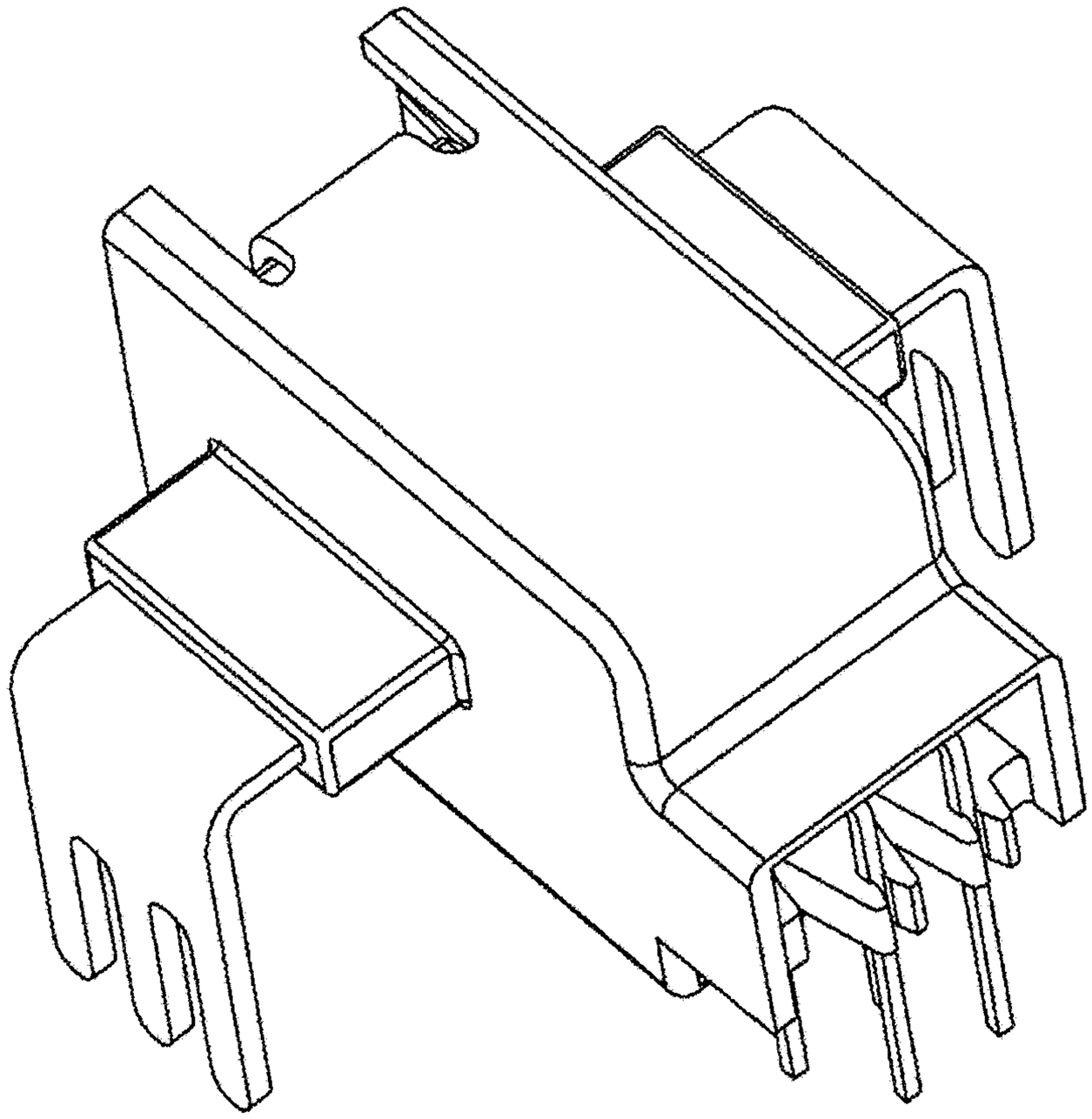

FIG. 7

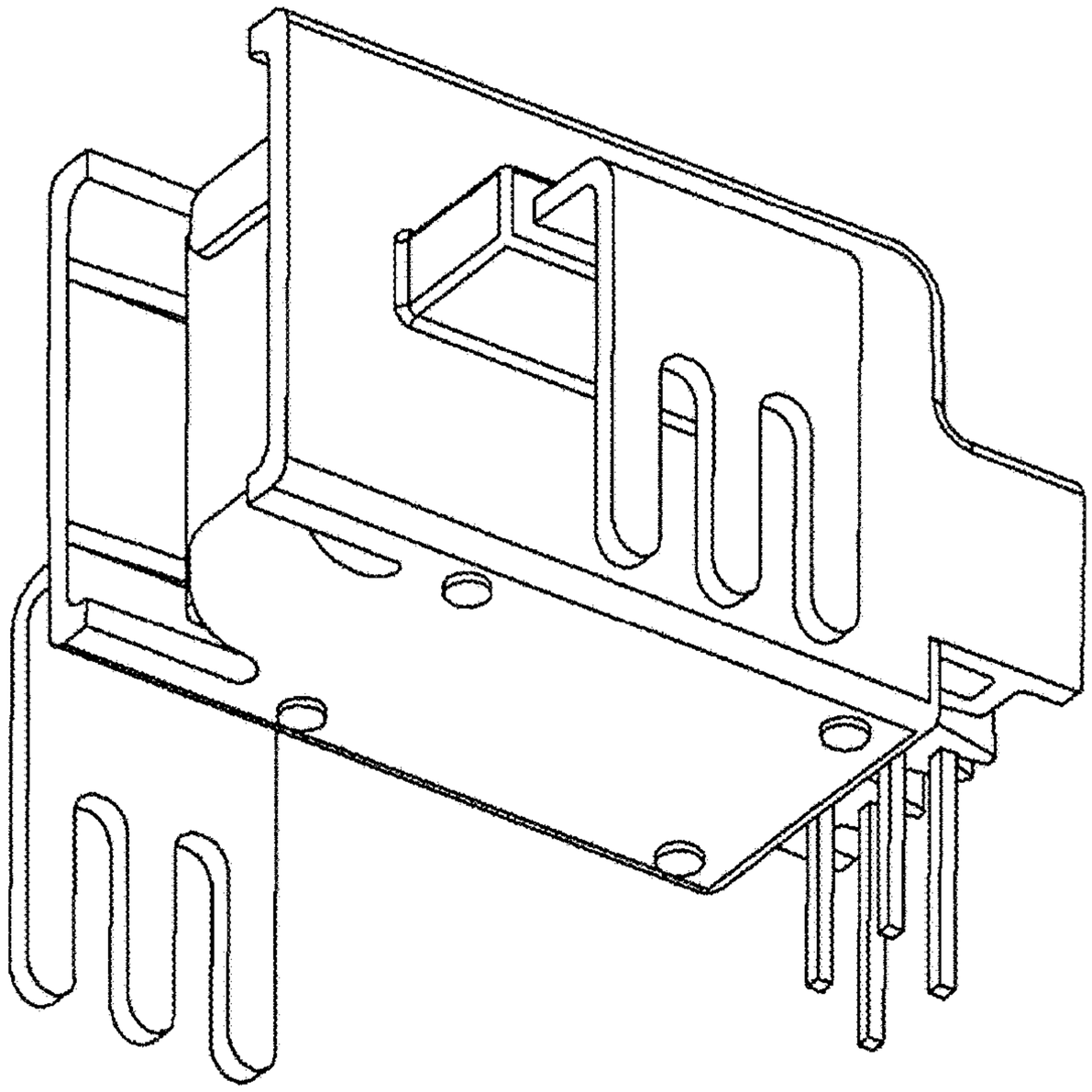

FIG. 8

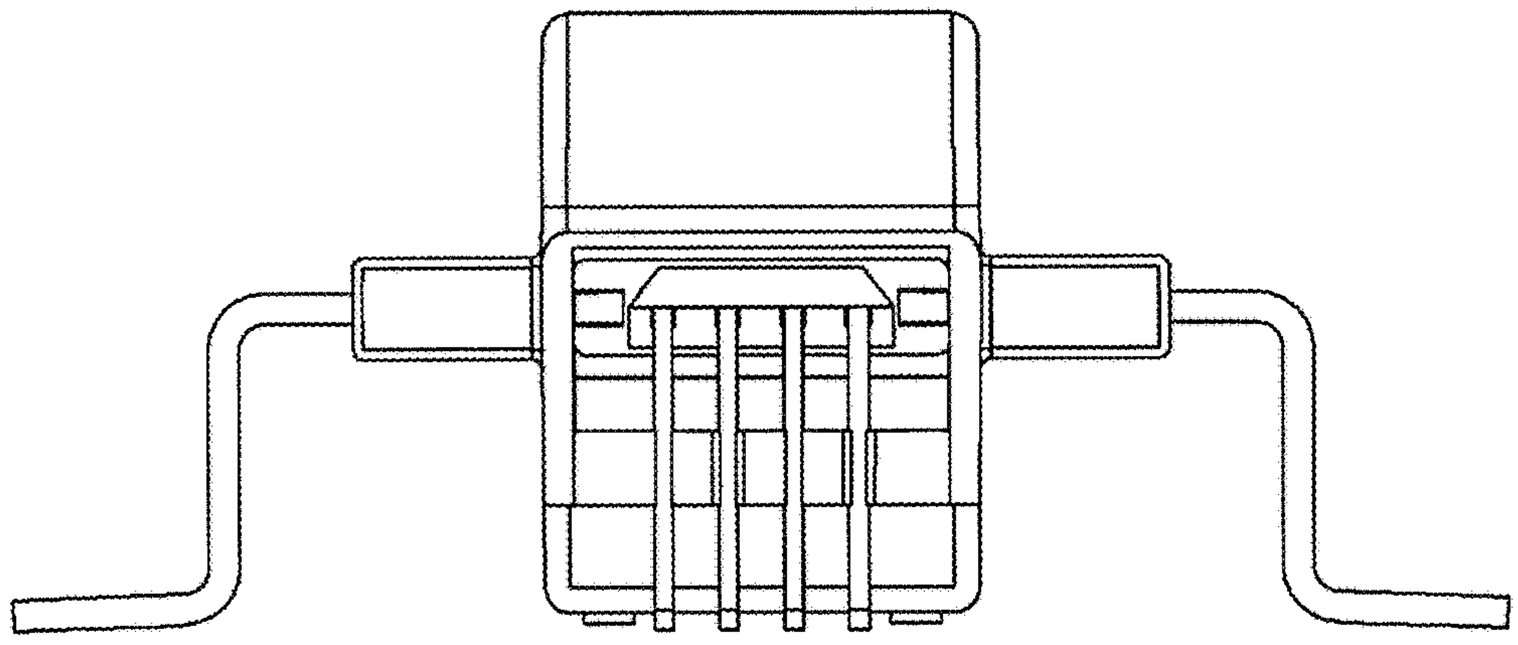

FIG. 9

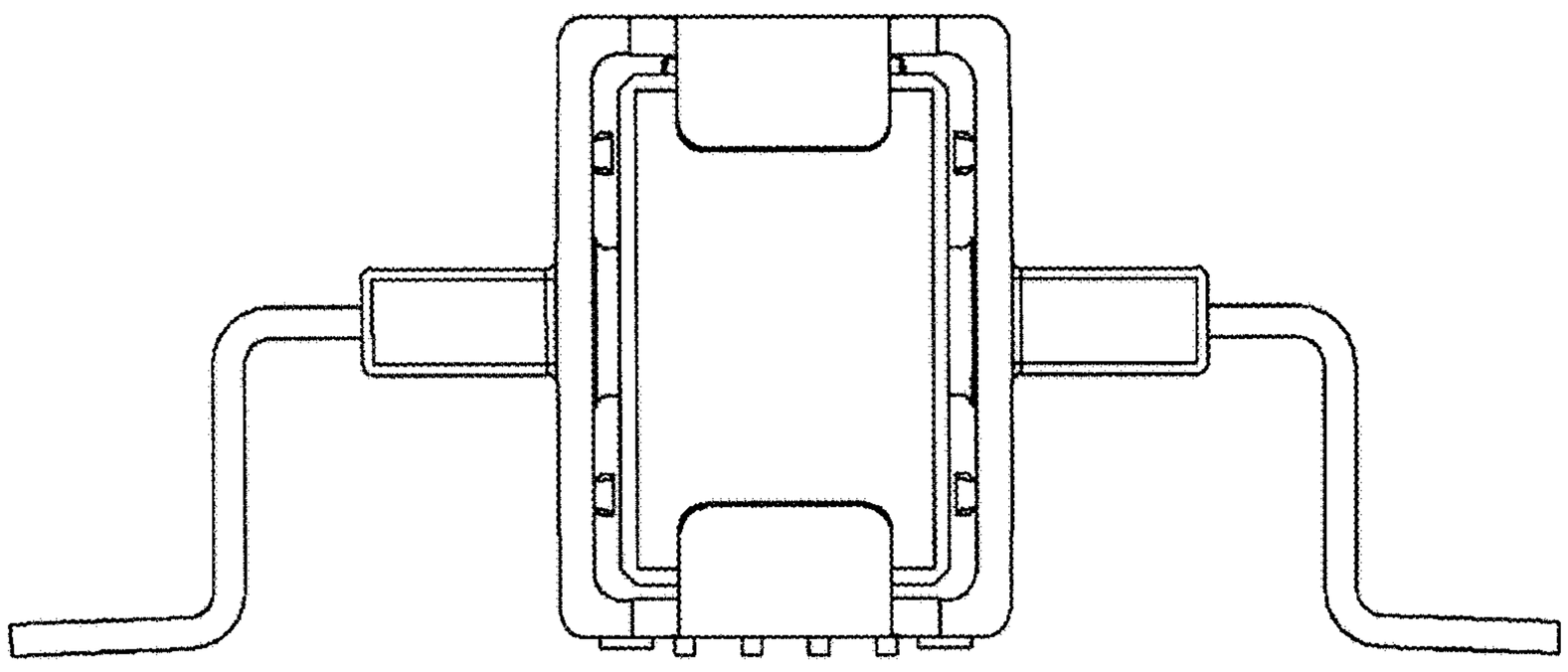

FIG. 10

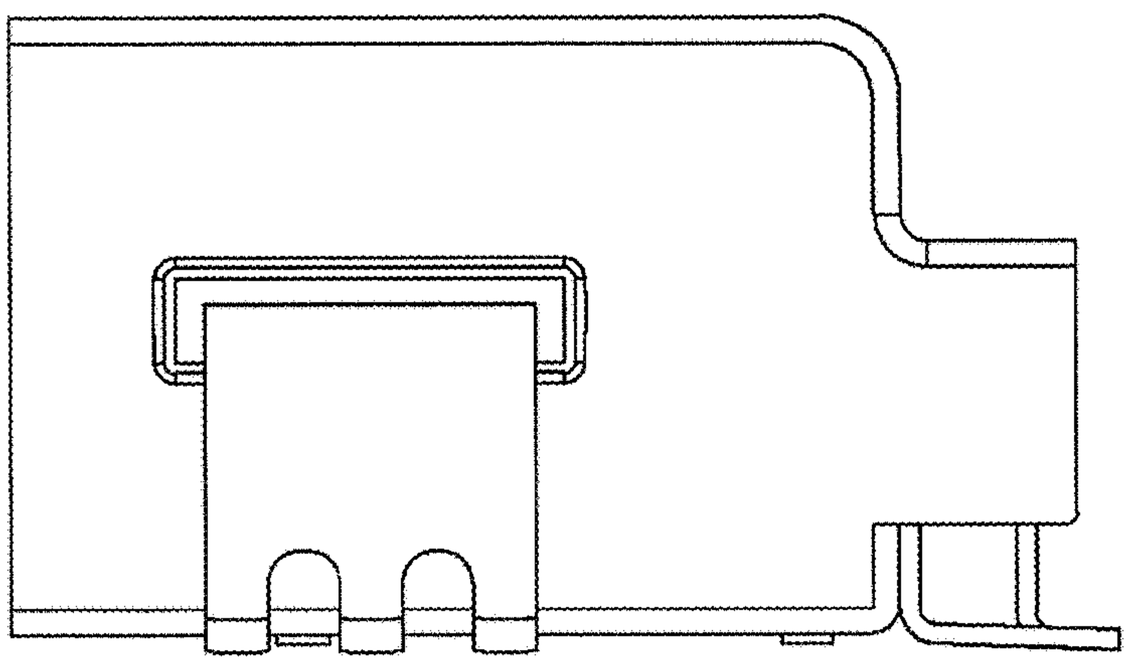

FIG. 11

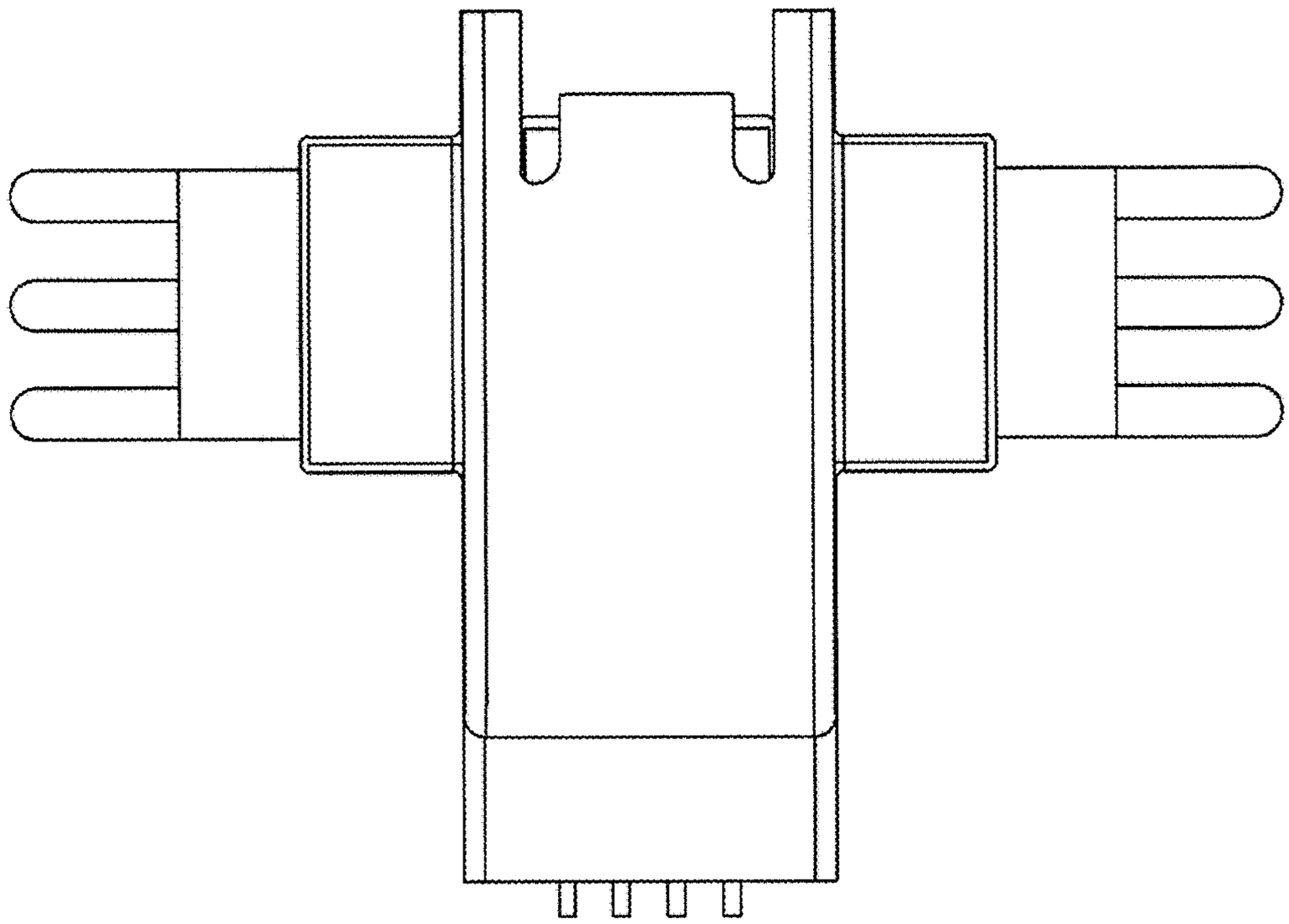

FIG. 12

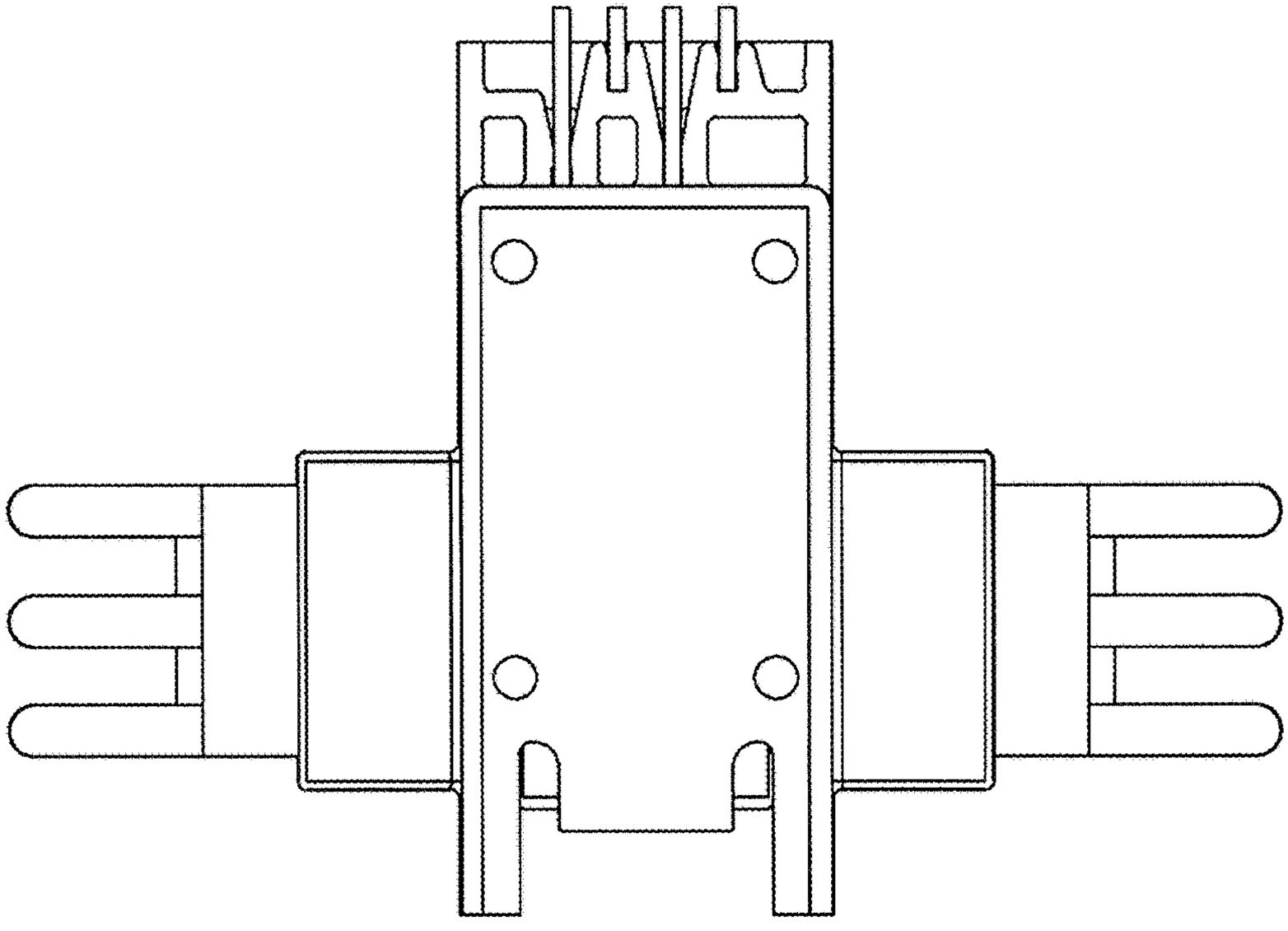

FIG. 13

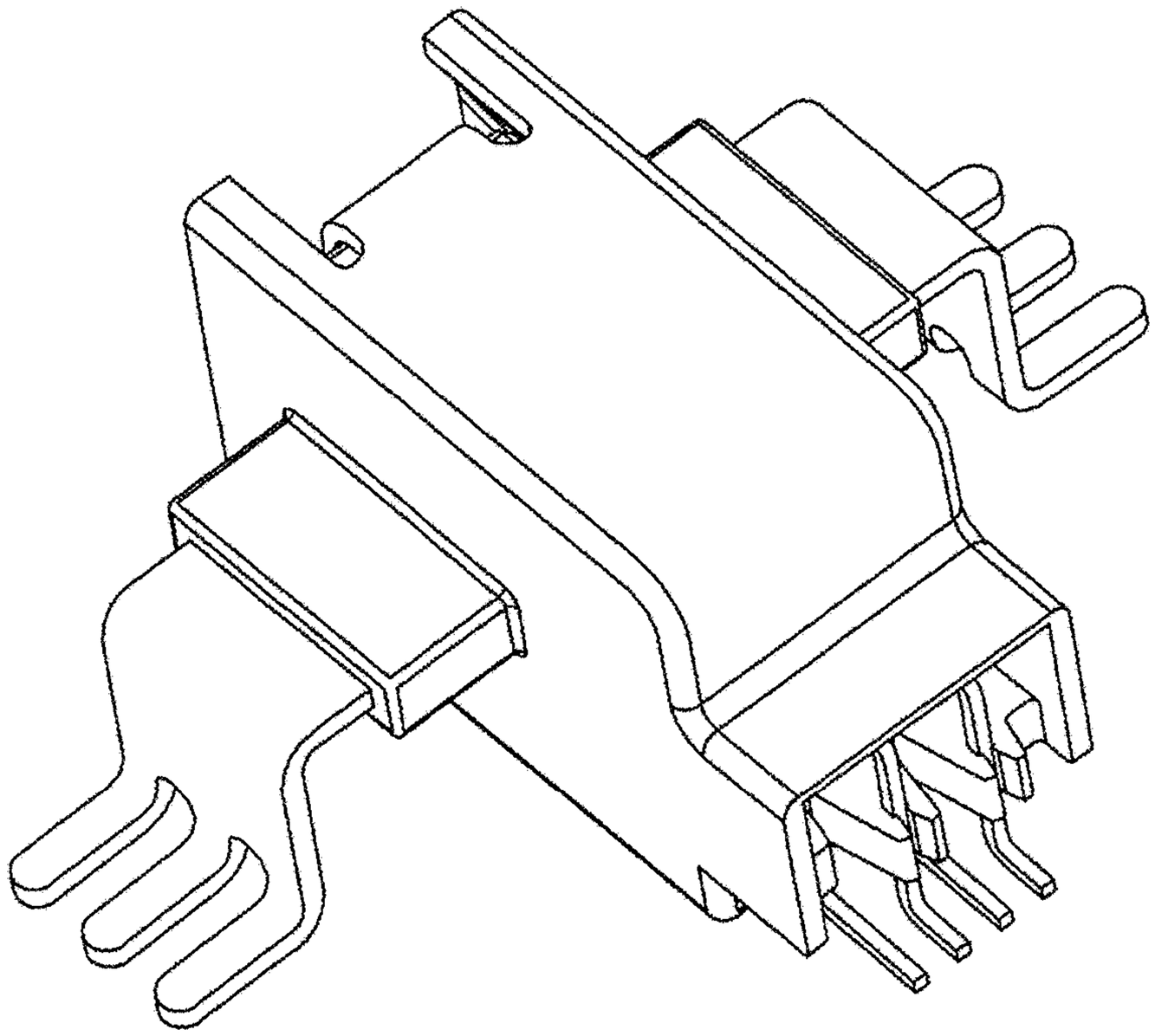

FIG. 14