



US00D813168S

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

(10) **Patent No.:** **US D813,168 S**
(45) **Date of Patent:** **** Mar. 20, 2018**

(54) **ELECTRICAL POWER CONNECTOR**

(71) Applicants: **Christopher S. Gieski**, Dillsburg, PA (US); **Michael Blanchfield**, Mechanicsburg, PA (US); **Michael Percherke**, Enola, PA (US)

(72) Inventors: **Christopher S. Gieski**, Dillsburg, PA (US); **Michael Blanchfield**, Mechanicsburg, PA (US); **Michael Percherke**, Enola, PA (US)

(73) Assignee: **FCI America Technology LLC**, Carson City, NV (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/544,773**

(22) Filed: **Nov. 6, 2015**

(51) **LOC (11) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/147**

(58) **Field of Classification Search**
USPC D13/133, 146, 147, 154, 184, 199
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,033,914 A 5/1962 Acosta-Lleras
D311,380 S * 10/1990 Kameyama D13/147
(Continued)

OTHER PUBLICATIONS

Molex, Extreme OrthoPower Orthogonal Direct-Power Connector System; www.molex.com/link/extremeorthopower.html; 2014.

Primary Examiner — Daniel D Bui

(74) *Attorney, Agent, or Firm* — Wolf, Greenfield & Sacks, P.C.

(57) **CLAIM**

The ornamental design for an electrical power connector, as shown and described.

DESCRIPTION

FIG. 1 is a top, left, front perspective view of an electrical power connector according to a first embodiment of our design;

FIG. 2 is a bottom, right, rear perspective view of thereof;

FIG. 3 is a bottom, right, front perspective view thereof;

FIG. 4 is a top, left, rear perspective view thereof;

FIG. 5 is a bottom, left, rear perspective view thereof;

FIG. 6 is a top, right, front perspective view thereof;

FIG. 7 is a rear elevation view thereof;

FIG. 8 is a front elevation view thereof;

FIG. 9 is a right side elevation view thereof;

FIG. 10 is a left side elevation view thereof;

FIG. 11 is a bottom plan view thereof;

FIG. 12 is a top plan view thereof;

FIG. 13 is a top, left, front perspective view of an electrical power connector according to a second embodiment of our design;

FIG. 14 is a bottom, right, rear perspective view of thereof;

FIG. 15 is a bottom, left, front perspective view thereof;

FIG. 16 is a top, left, rear perspective view thereof;

FIG. 17 is a top, right, rear perspective view thereof;

FIG. 18 is a bottom, right, front perspective view thereof;

FIG. 19 is a front elevation view thereof;

FIG. 20 is a rear elevation view thereof;

FIG. 21 is a right side elevation view thereof;

FIG. 22 is a left side elevation view thereof;

FIG. 23 is a top plan view thereof;

FIG. 24 is a bottom plan view thereof;

FIG. 25 is a top, left, front perspective view of an electrical power connector according to a third embodiment of our design;

FIG. 26 is a bottom, right, rear perspective view of thereof;

FIG. 27 is a bottom, left, front perspective view thereof;

FIG. 28 is a top, left, rear perspective view thereof;

FIG. 29 is a bottom, right, front perspective view thereof;

FIG. 30 is another top, left, front perspective view thereof;

FIG. 31 is a front elevation view thereof;

FIG. 32 is a rear elevation view thereof;

(Continued)

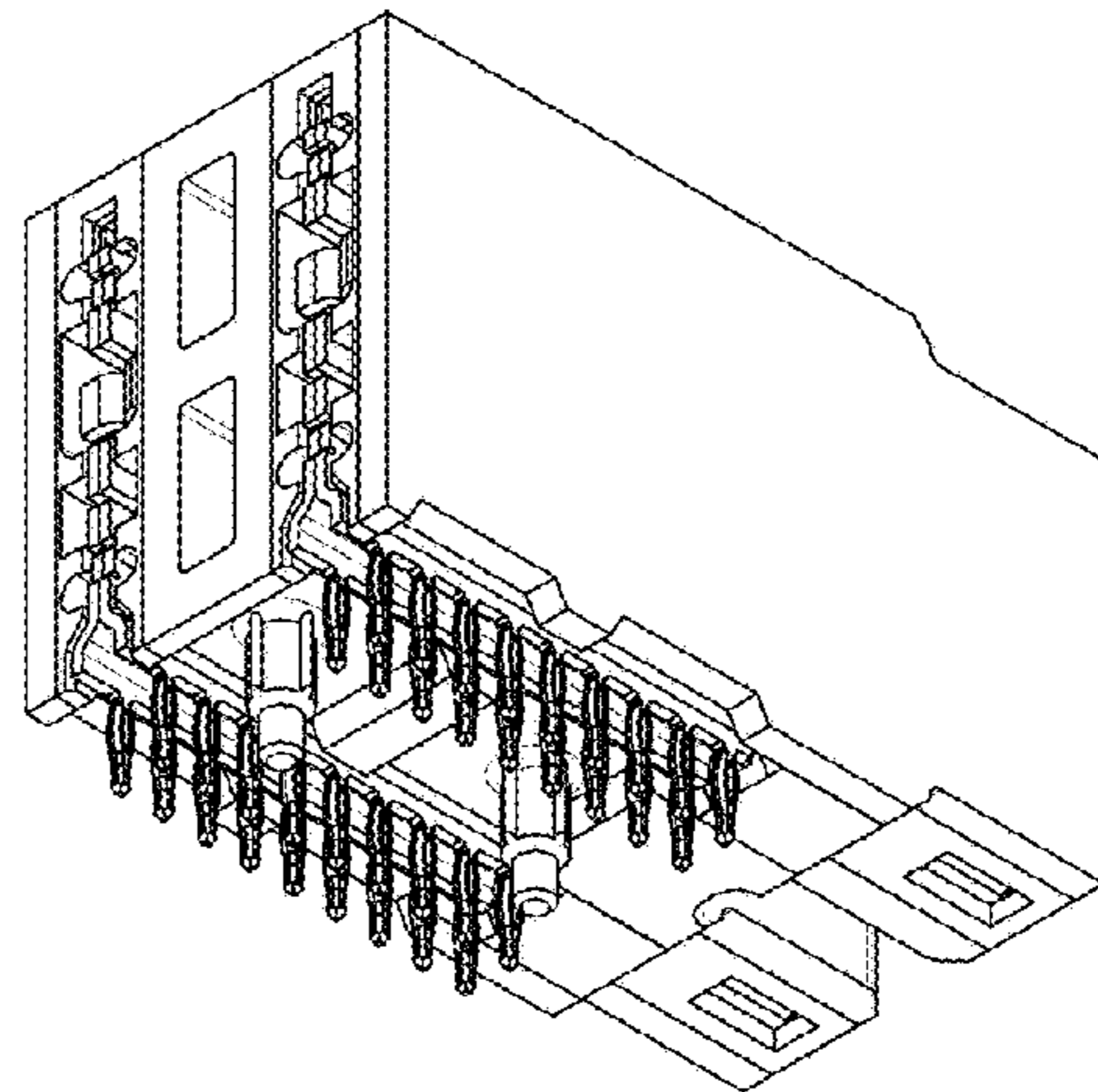
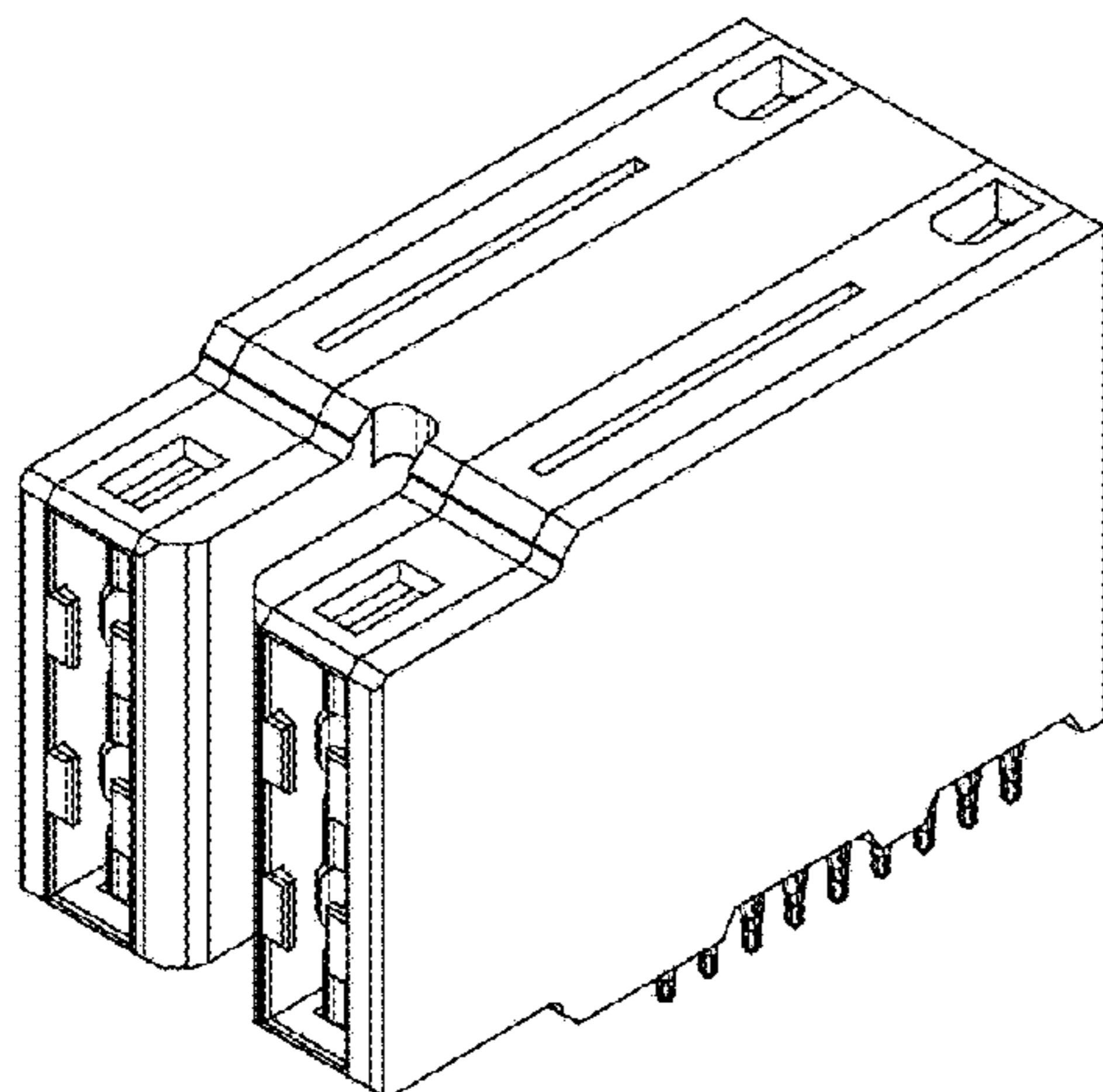


FIG. 33 is a right side elevation view thereof;
FIG. 34 is a left side elevation view thereof;
FIG. 35 is a top plan view thereof; and,
FIG. 36 is a bottom plan view thereof.

1 Claim, 18 Drawing Sheets

(58) **Field of Classification Search**

CPC H01R 12/00; H01R 12/52; H01R 12/53;
H01R 12/57; H01R 12/585; H01R
12/716; H01R 12/724; H01R 12/737;
H01R 13/05; H01R 13/08; H01R 13/13;
H01R 13/41; H01R 13/514; H01R
13/516; H01R 13/60; H01R 13/6315;
H01R 13/64

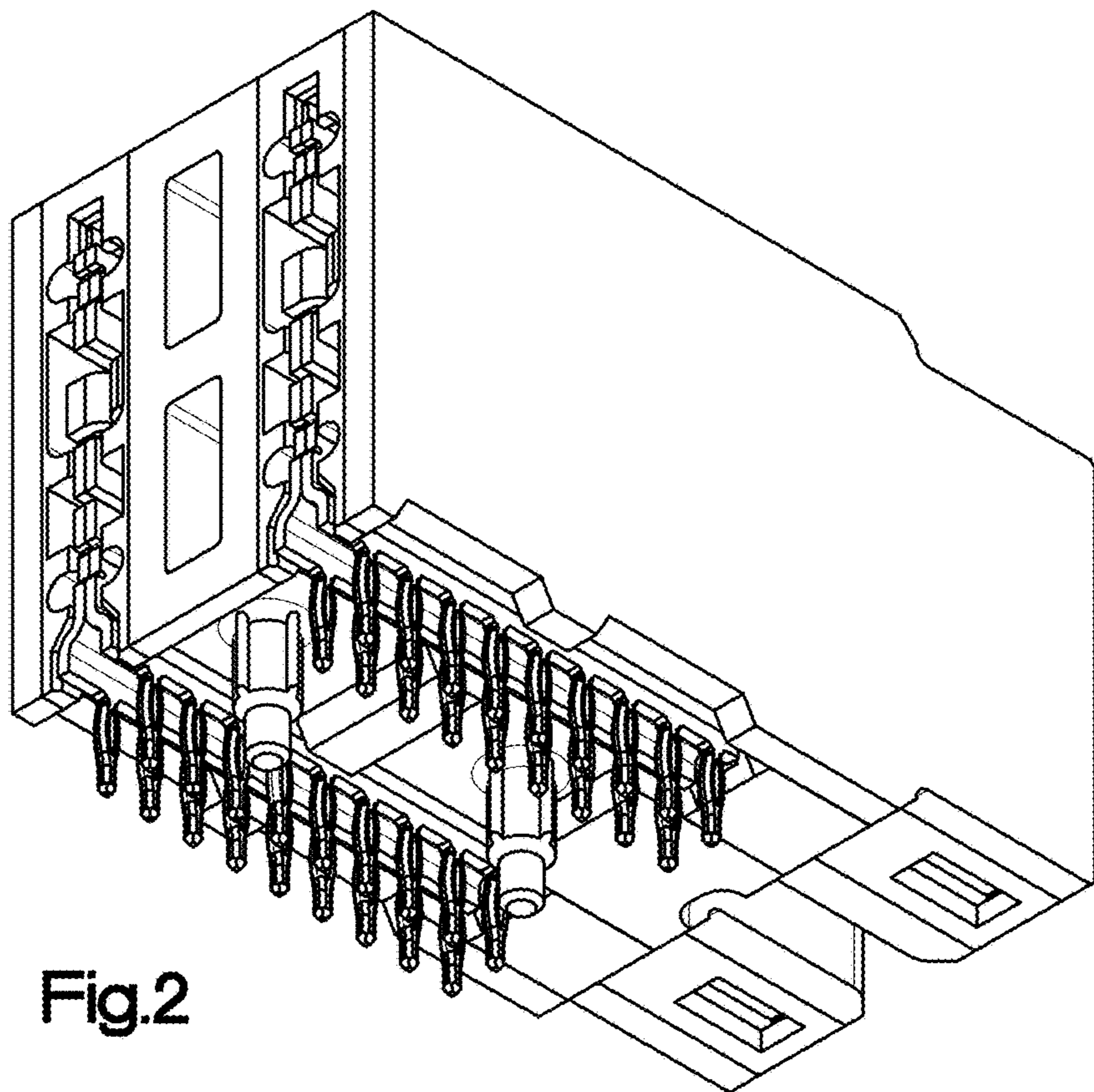
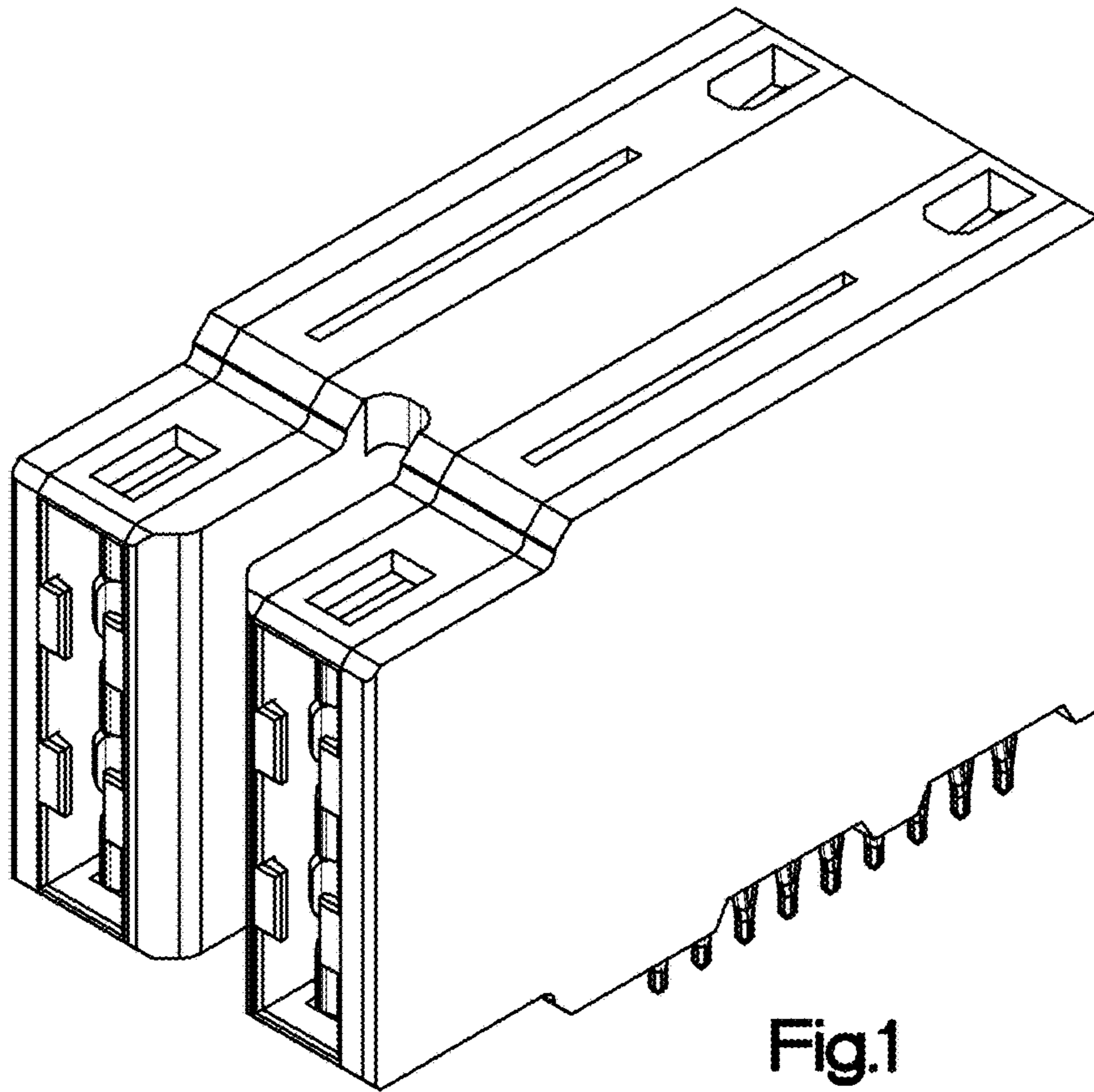
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,267,876	A	12/1993	Rupert	
6,402,566	B1	6/2002	Middlehurst et al.	
D524,755	S *	7/2006	Kudo	D13/147
7,258,562	B2	8/2007	Daily et al.	
D636,737	S *	4/2011	Ngo	D13/147
D761,206	S *	7/2016	Chen	D13/146
D762,584	S *	8/2016	Chen	D13/147
D762,585	S *	8/2016	Chen	D13/147

* cited by examiner



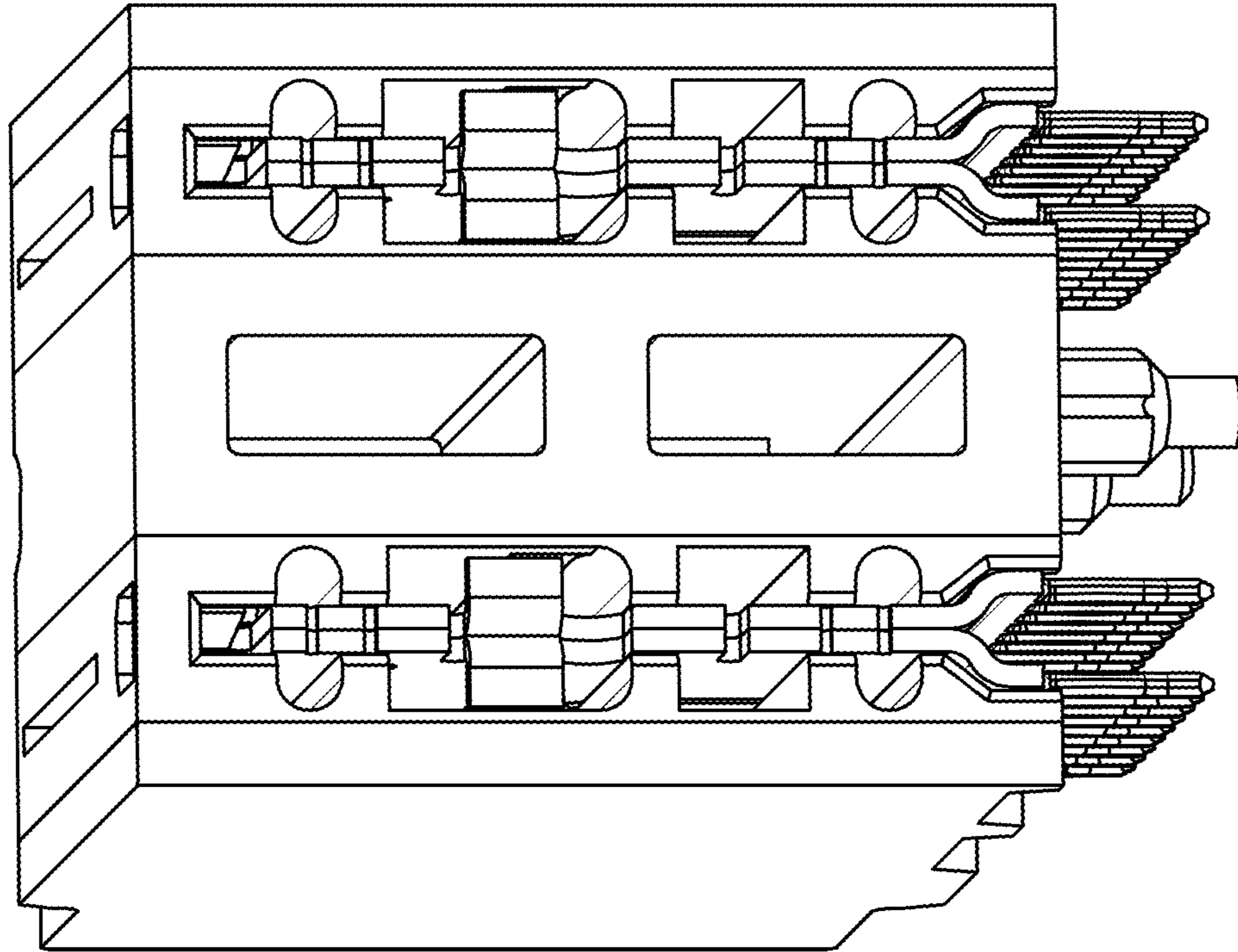


Fig.4

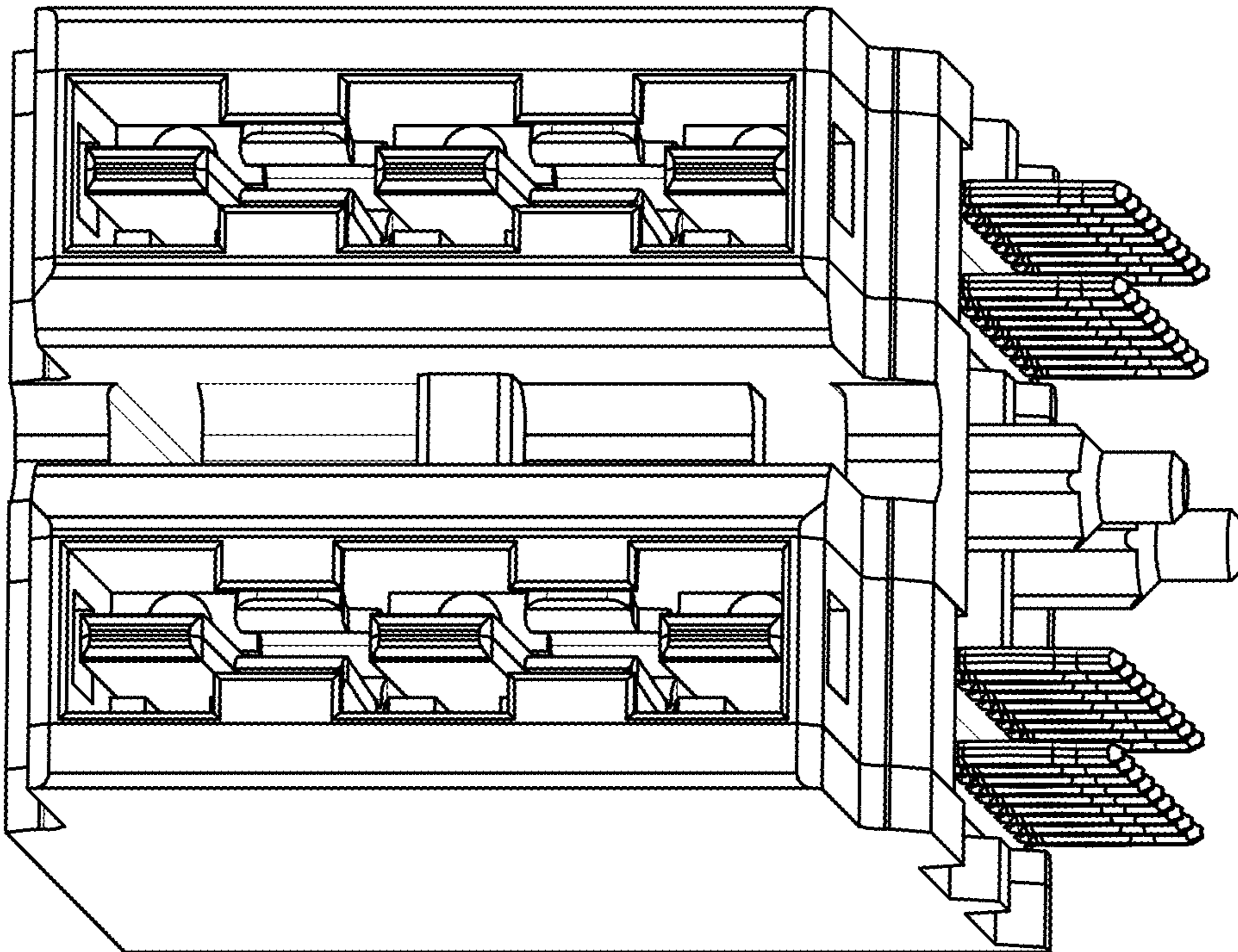


Fig.3

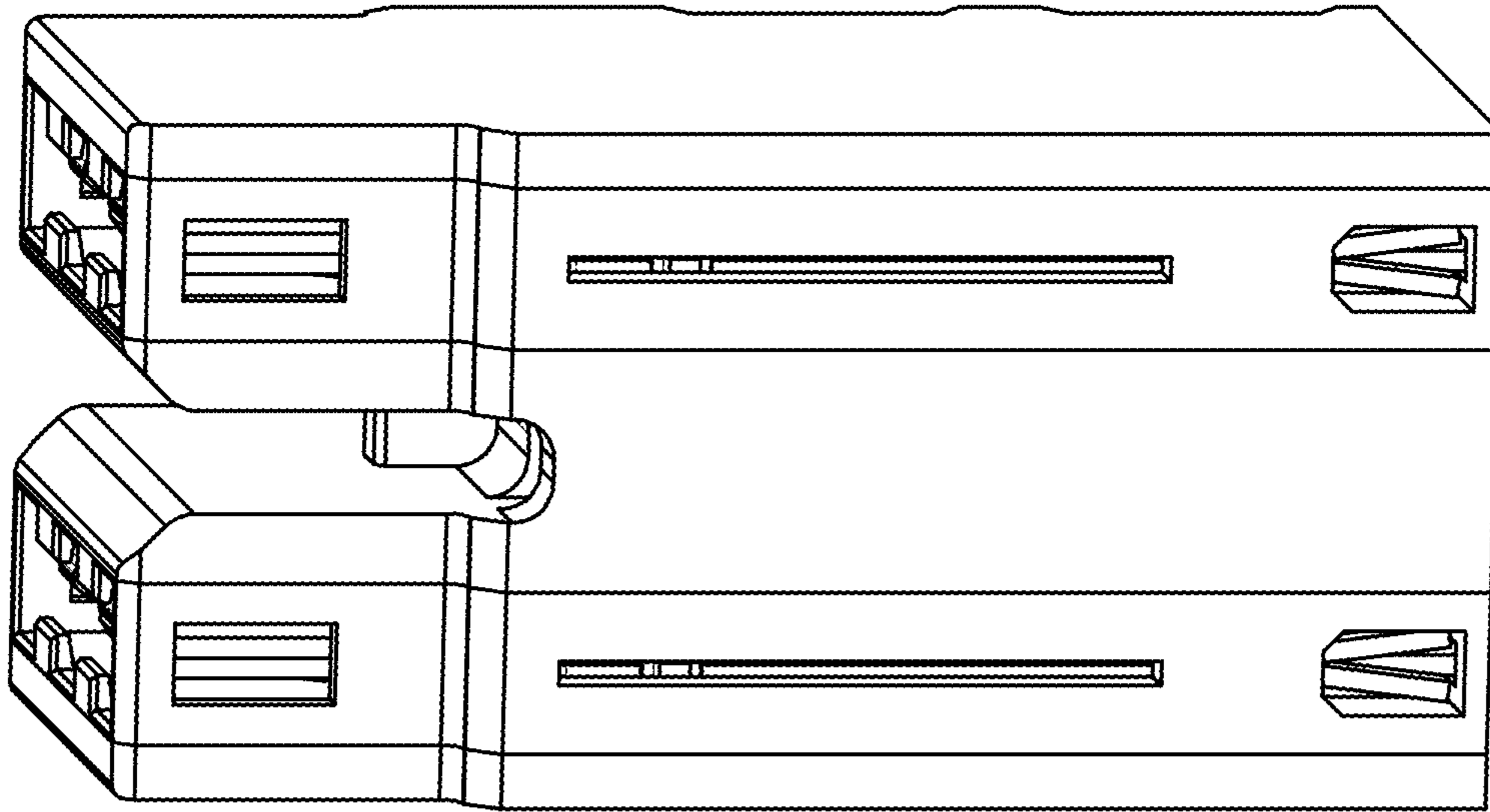


Fig.6

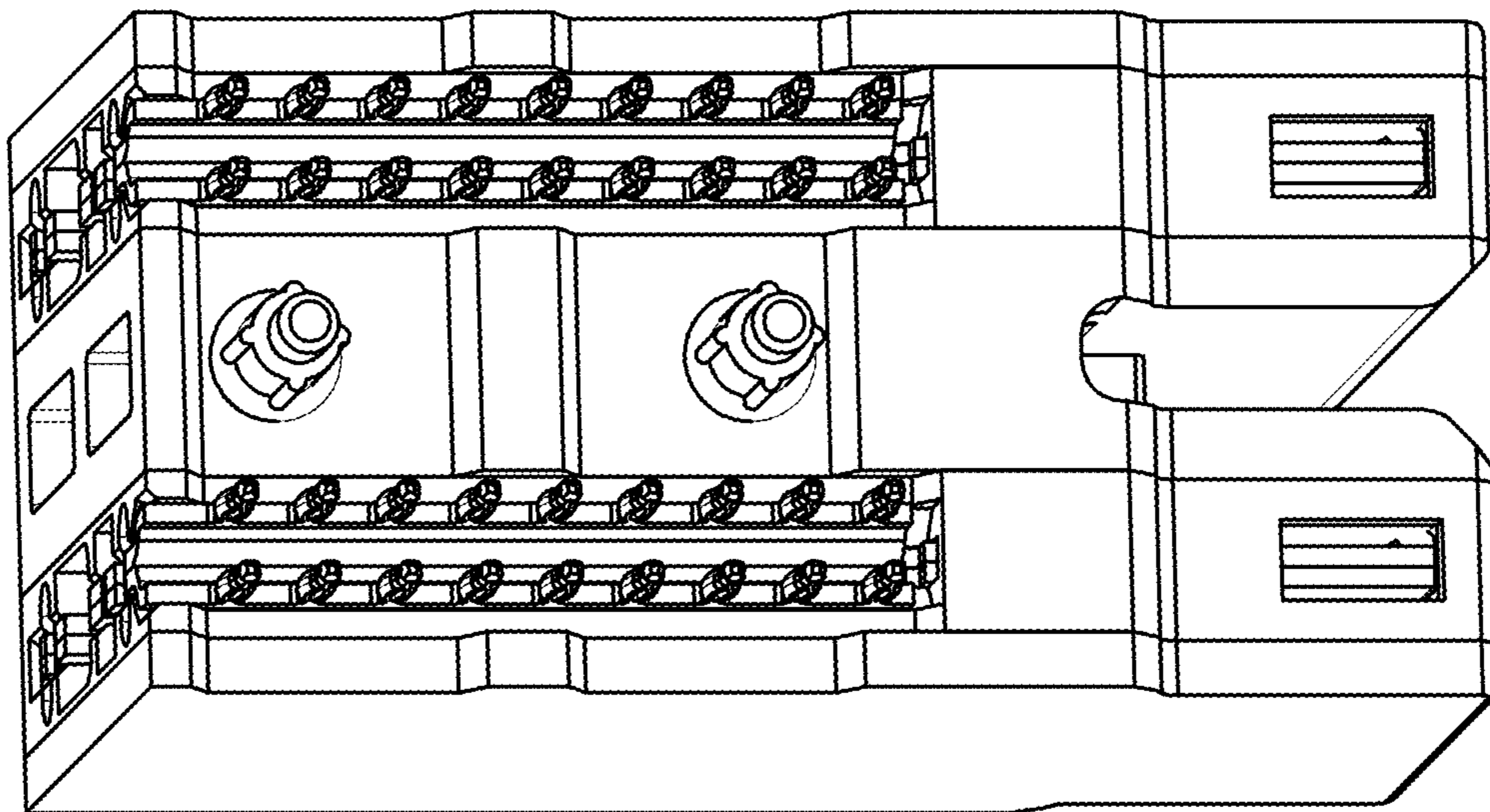


Fig.5

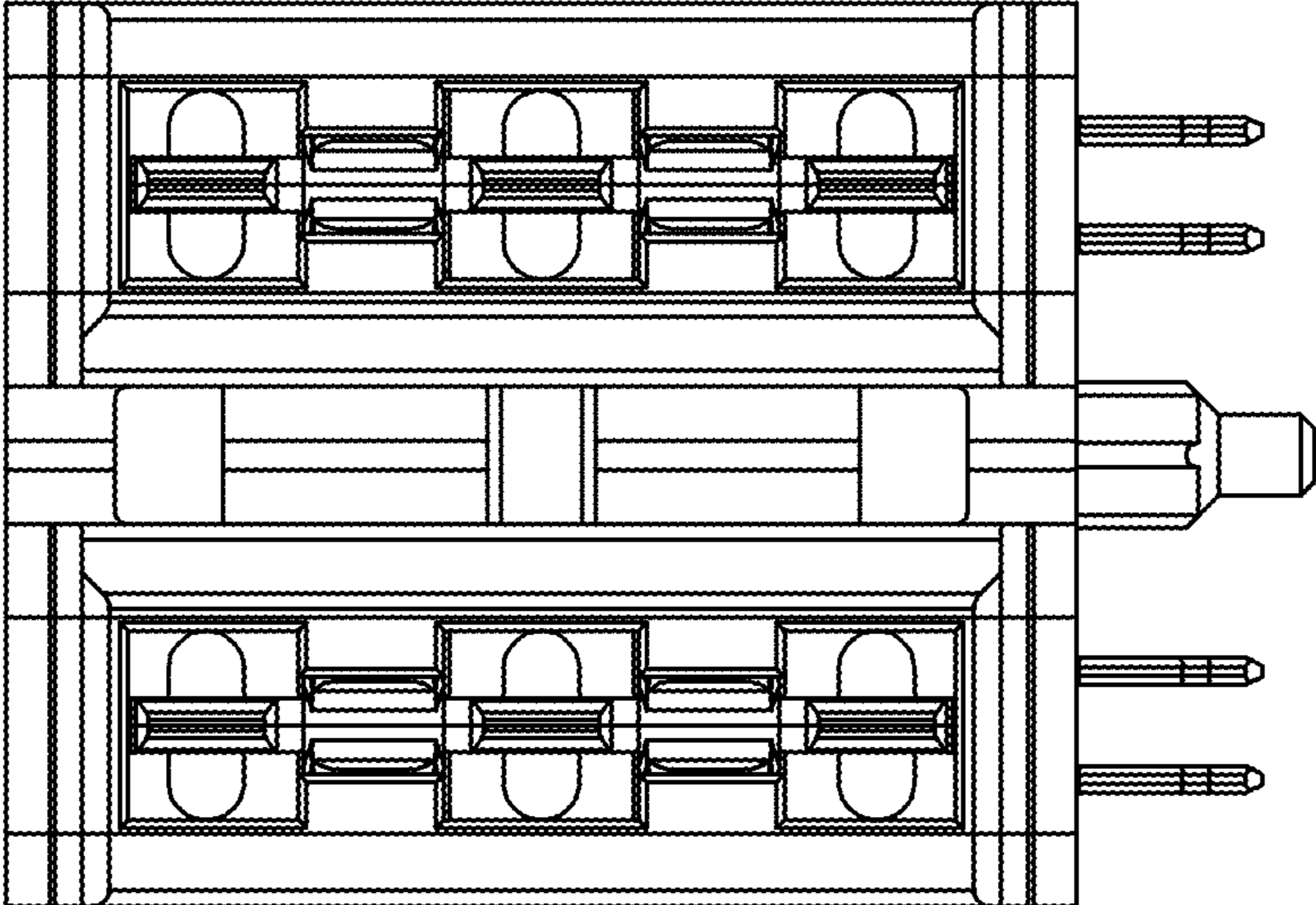


Fig.8

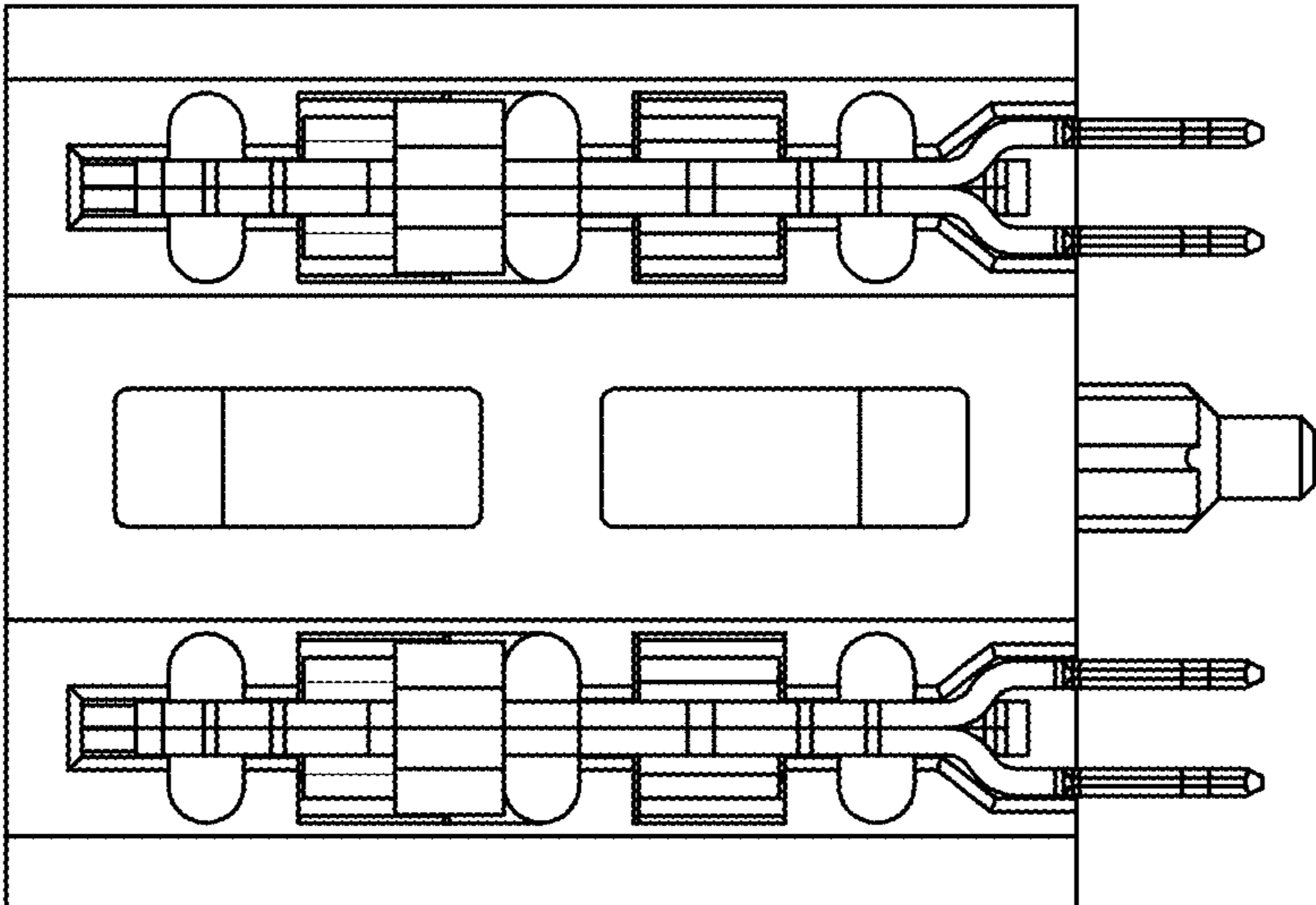


Fig.7

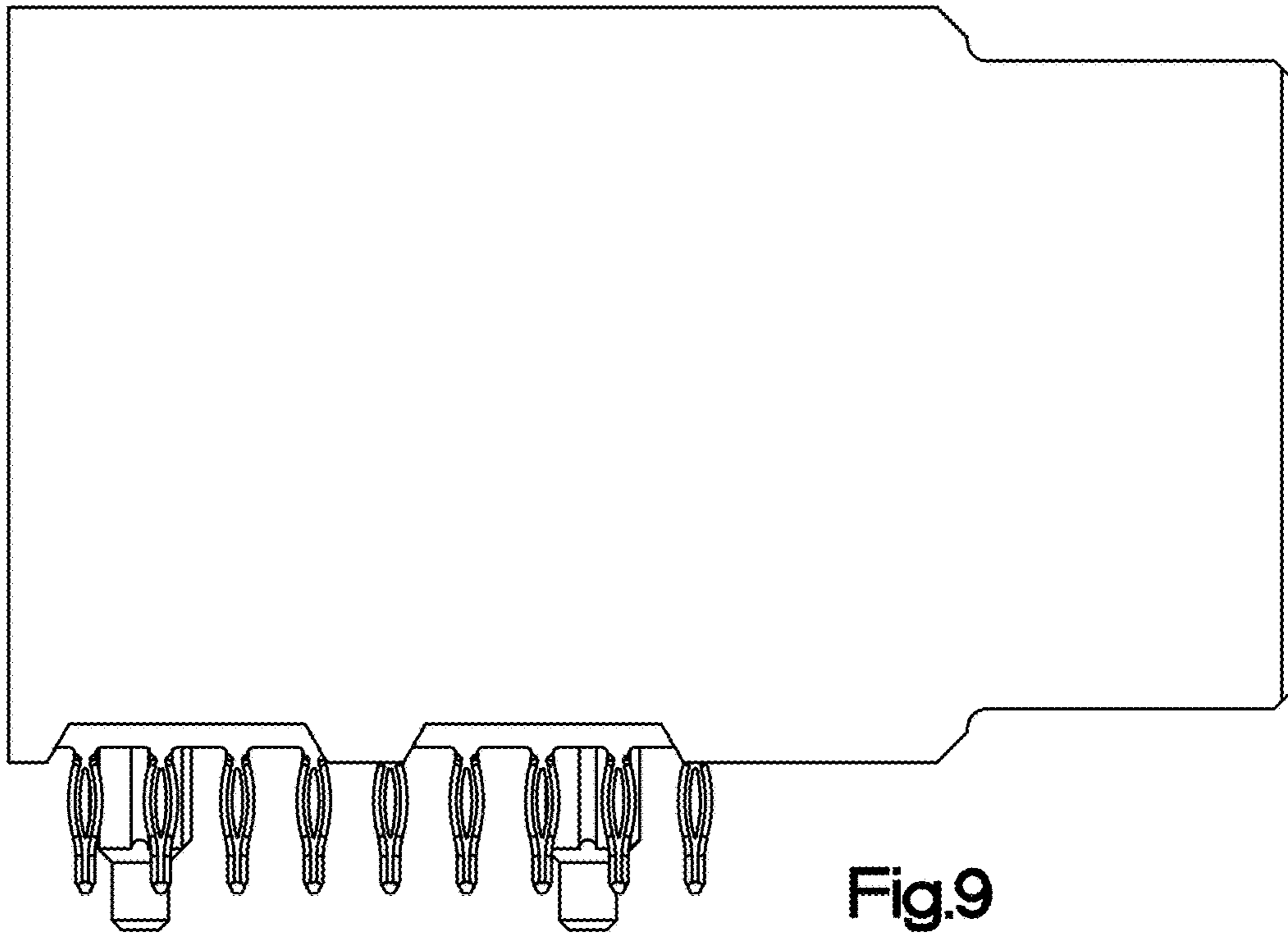


Fig.9

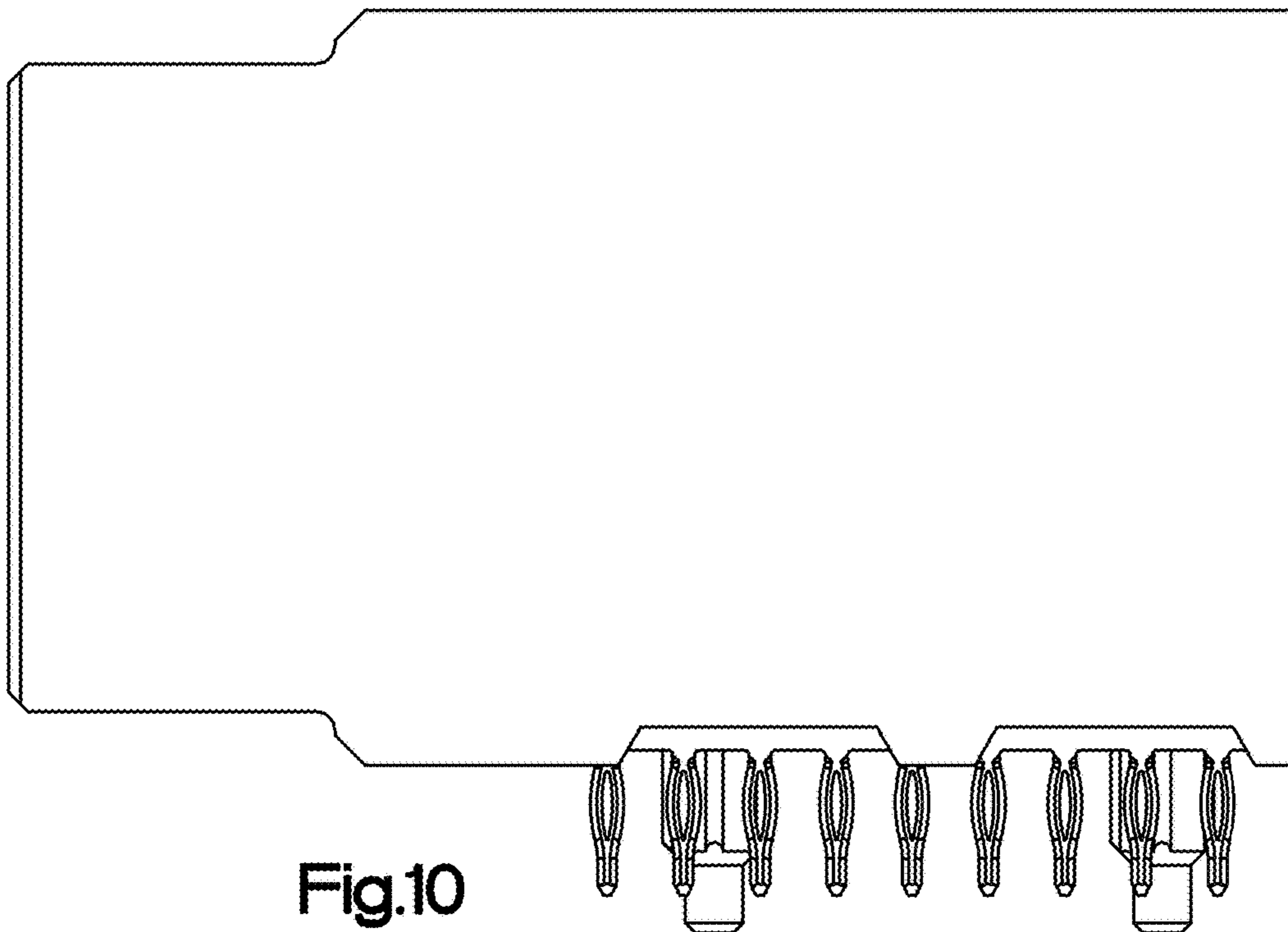


Fig.10

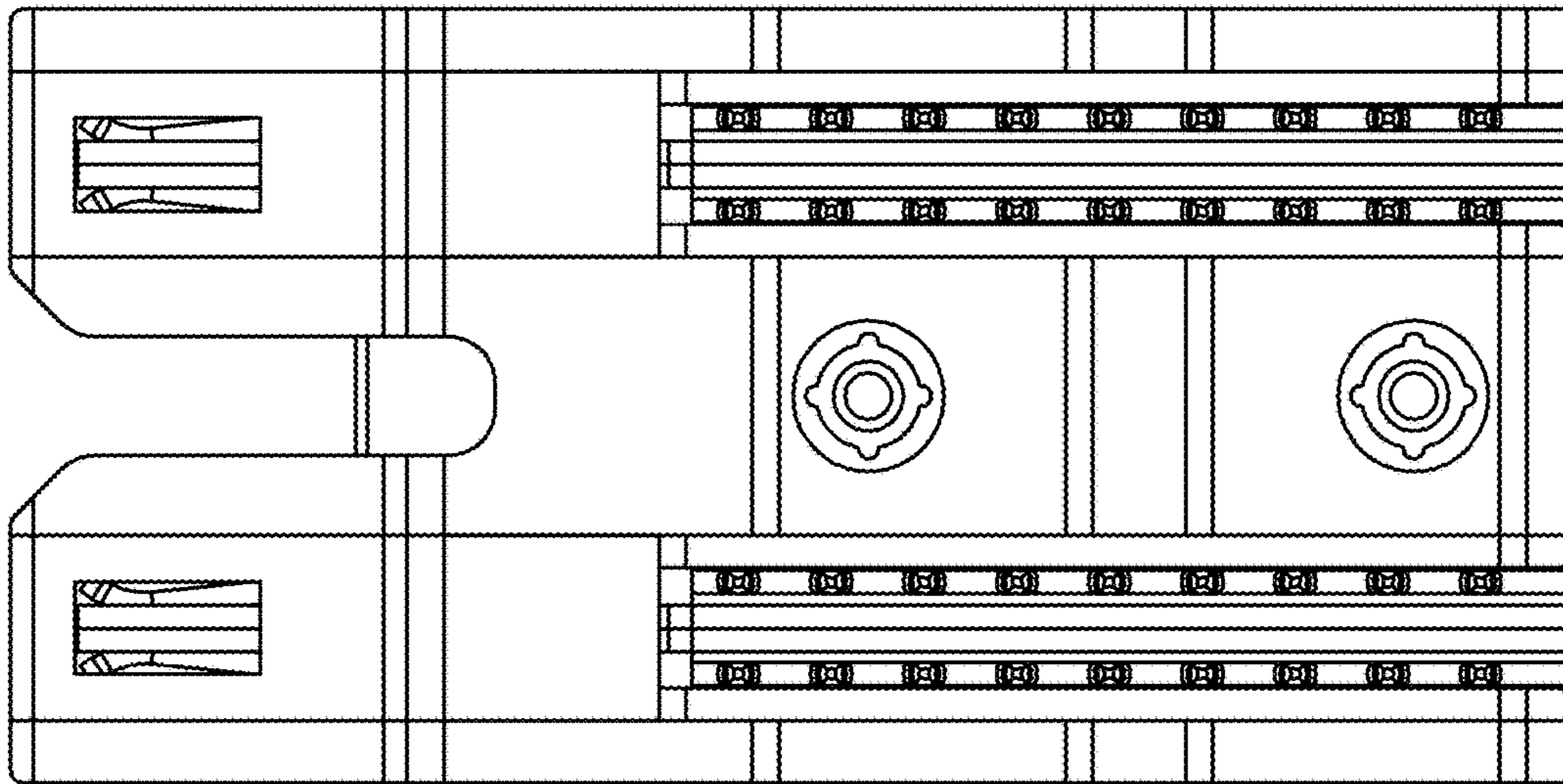


Fig.11

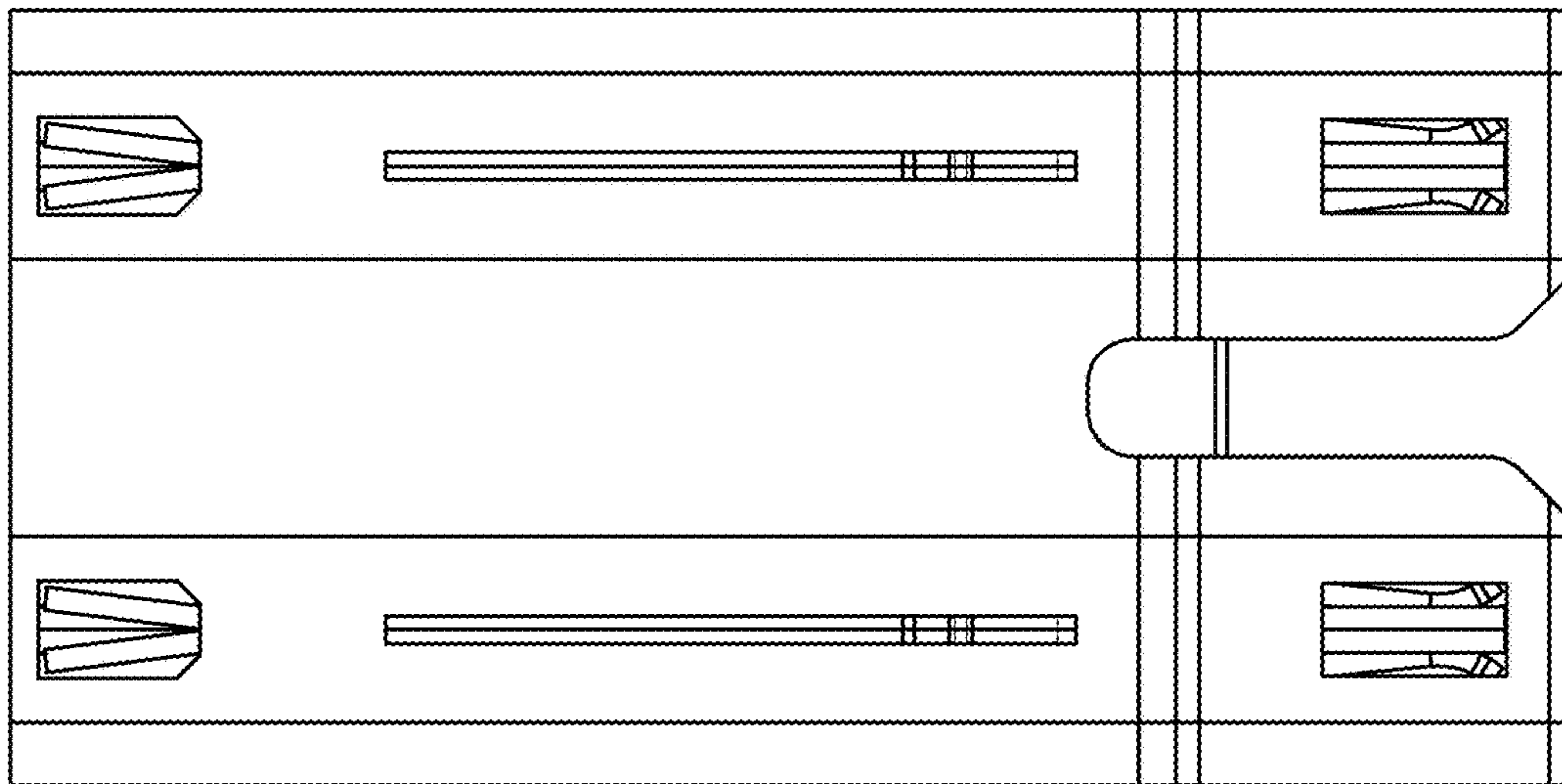


Fig.12

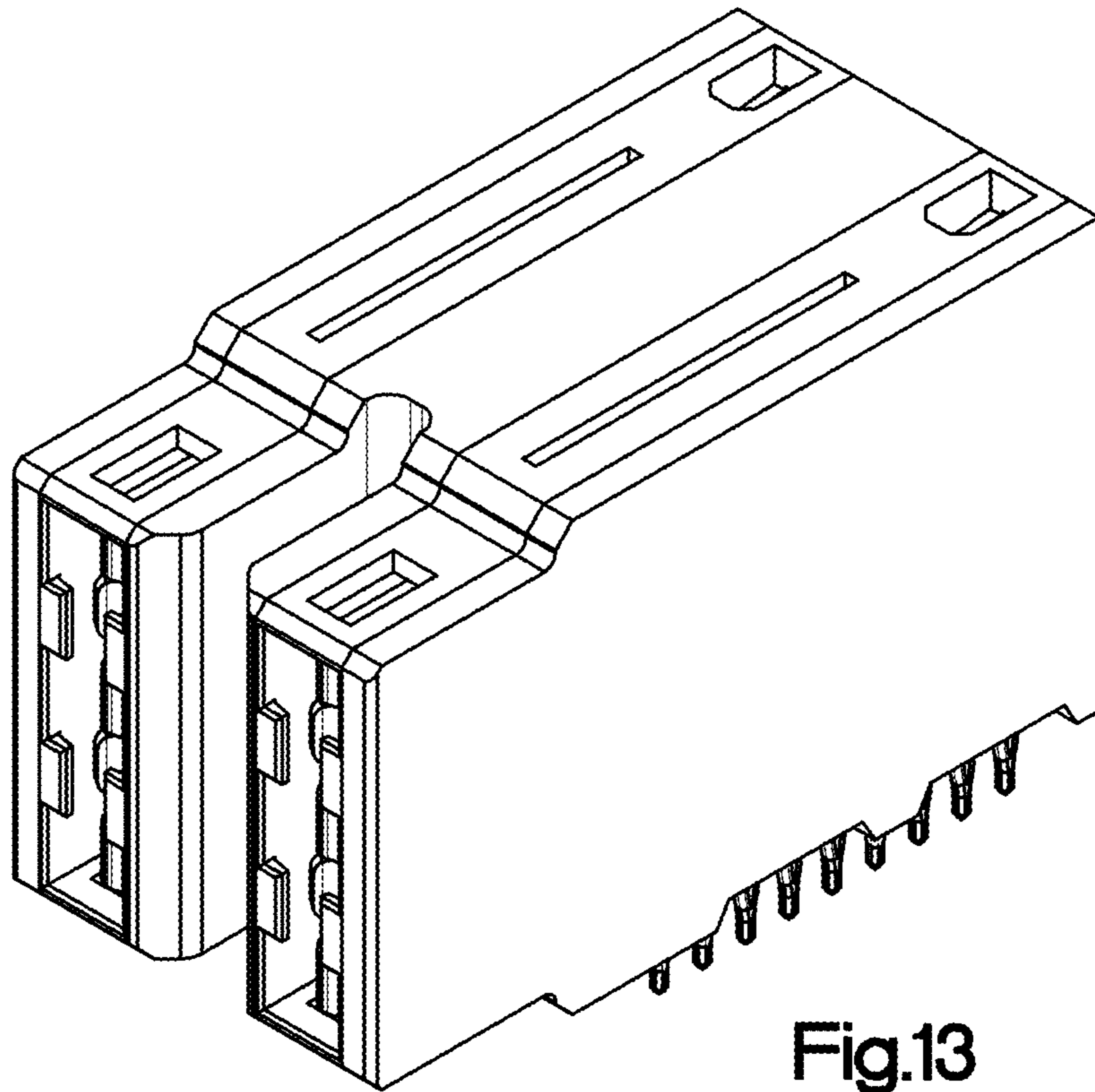


Fig.13

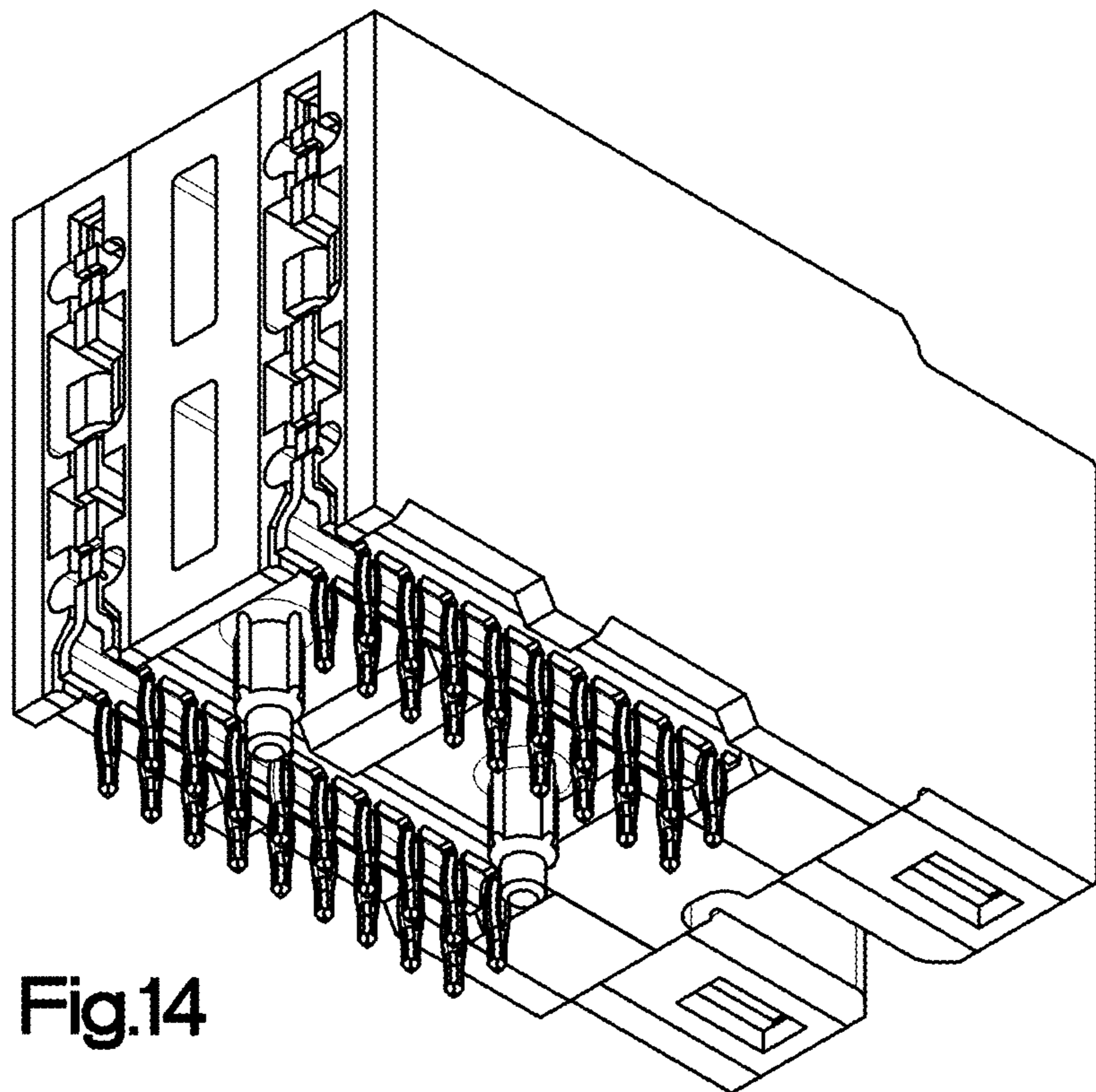


Fig.14

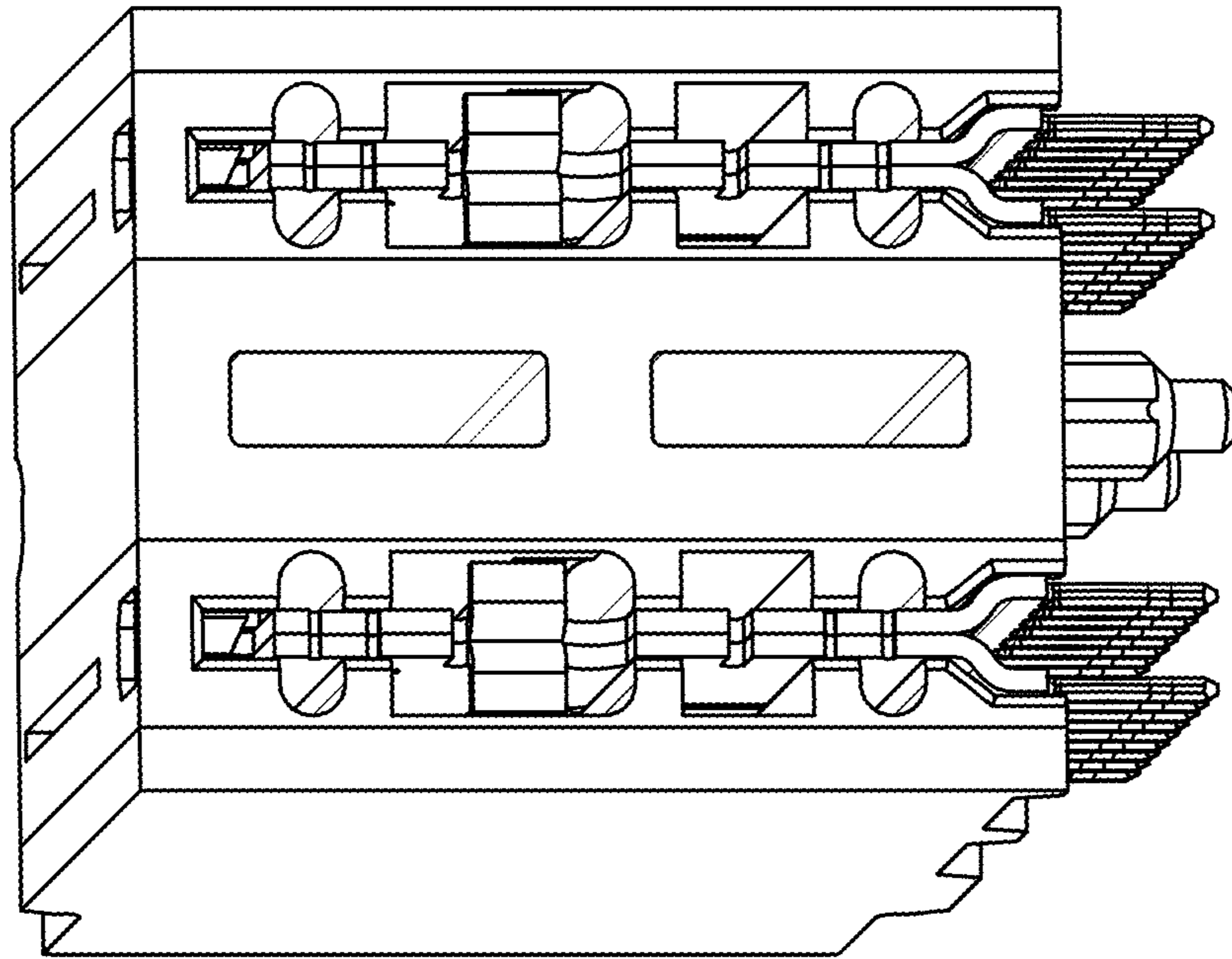


Fig.16

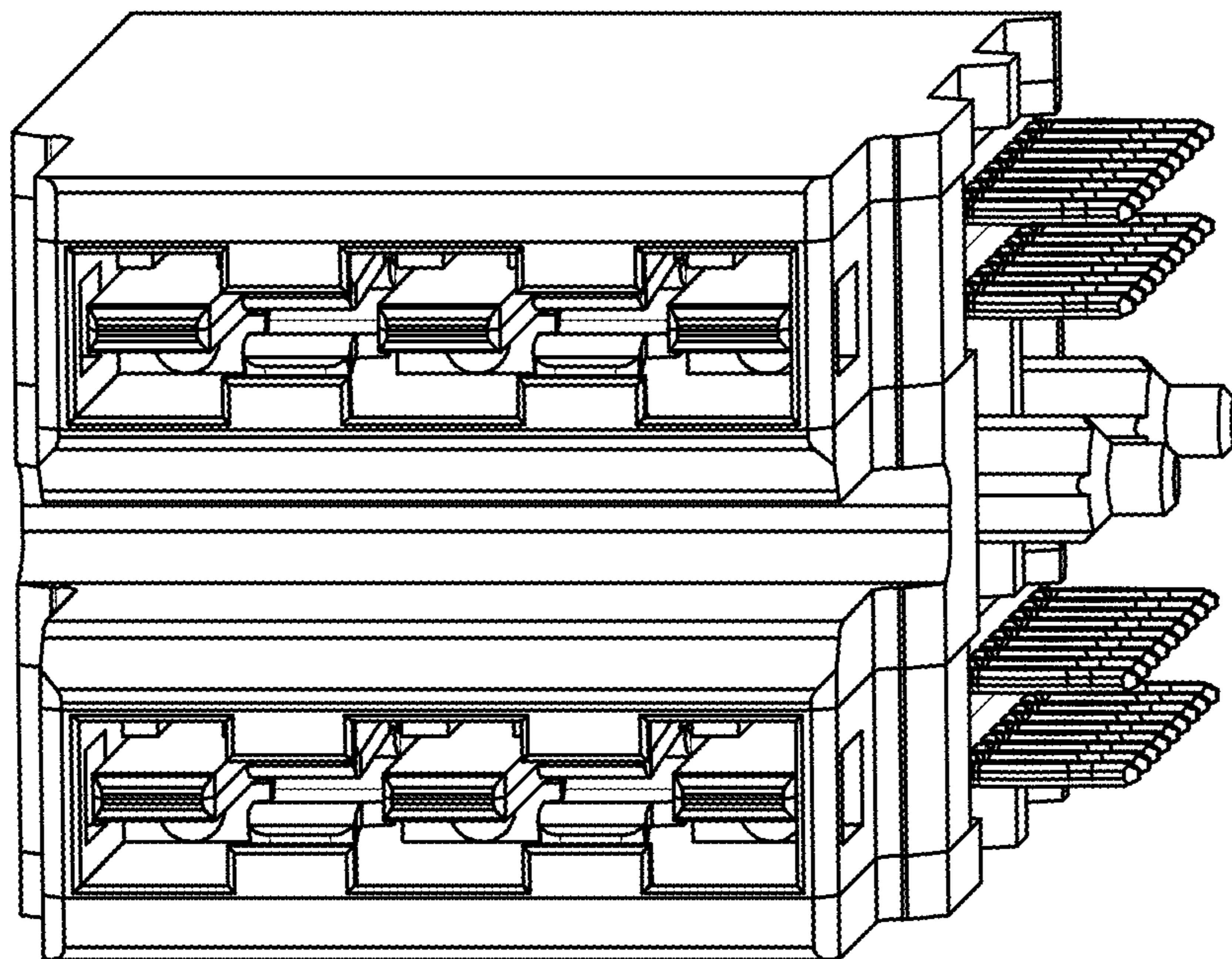


Fig.15

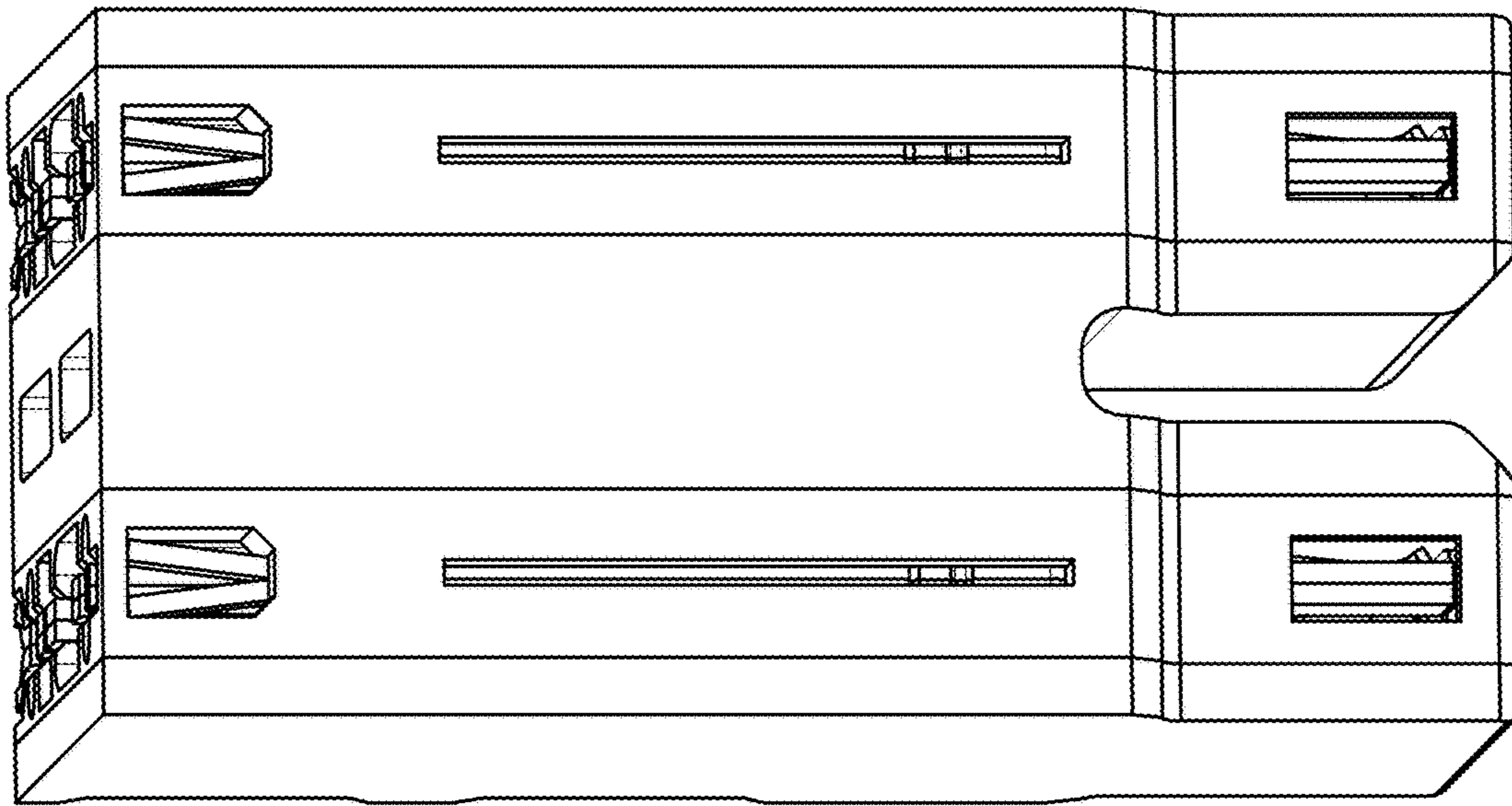


Fig.17

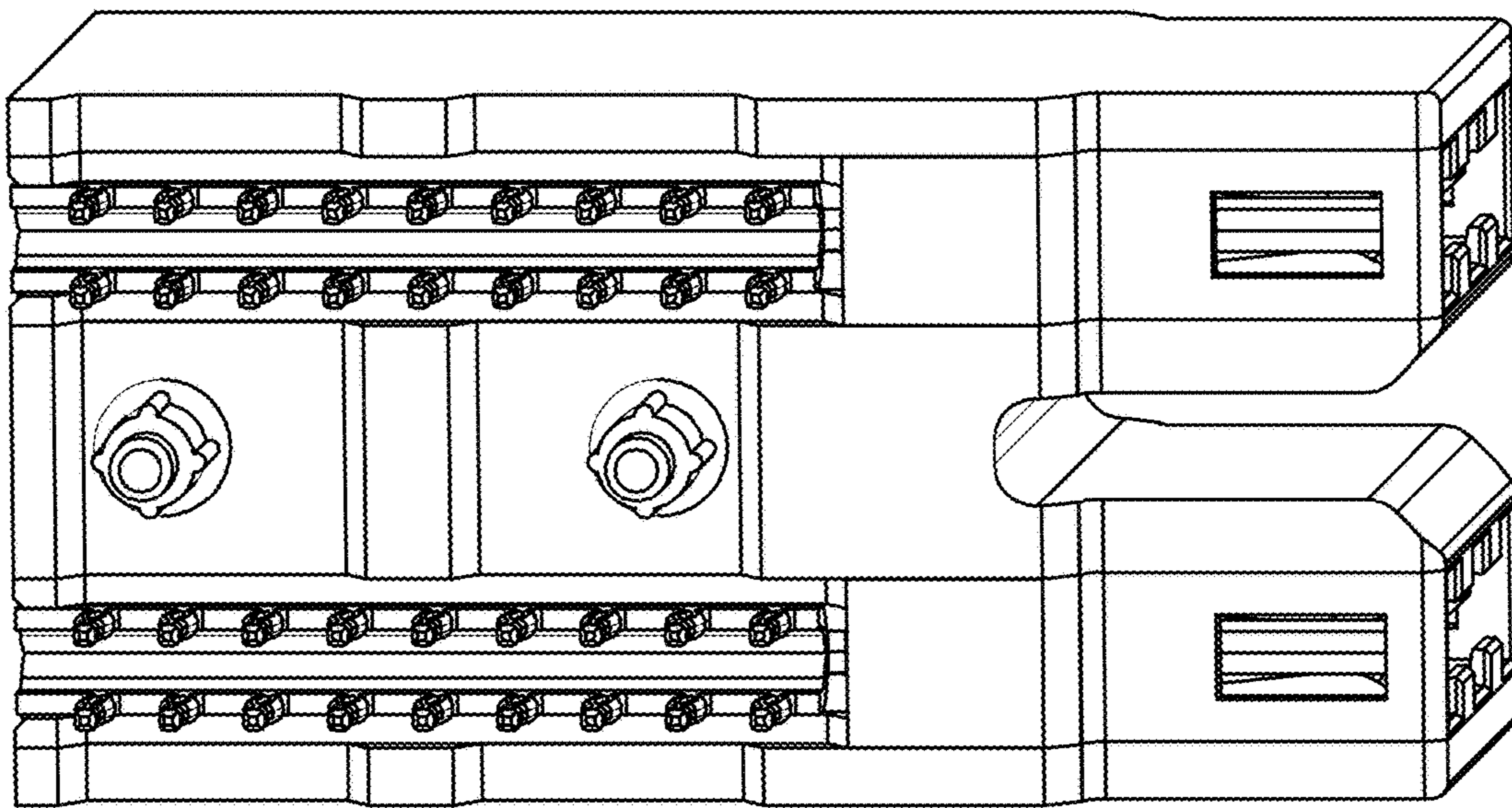


Fig.18

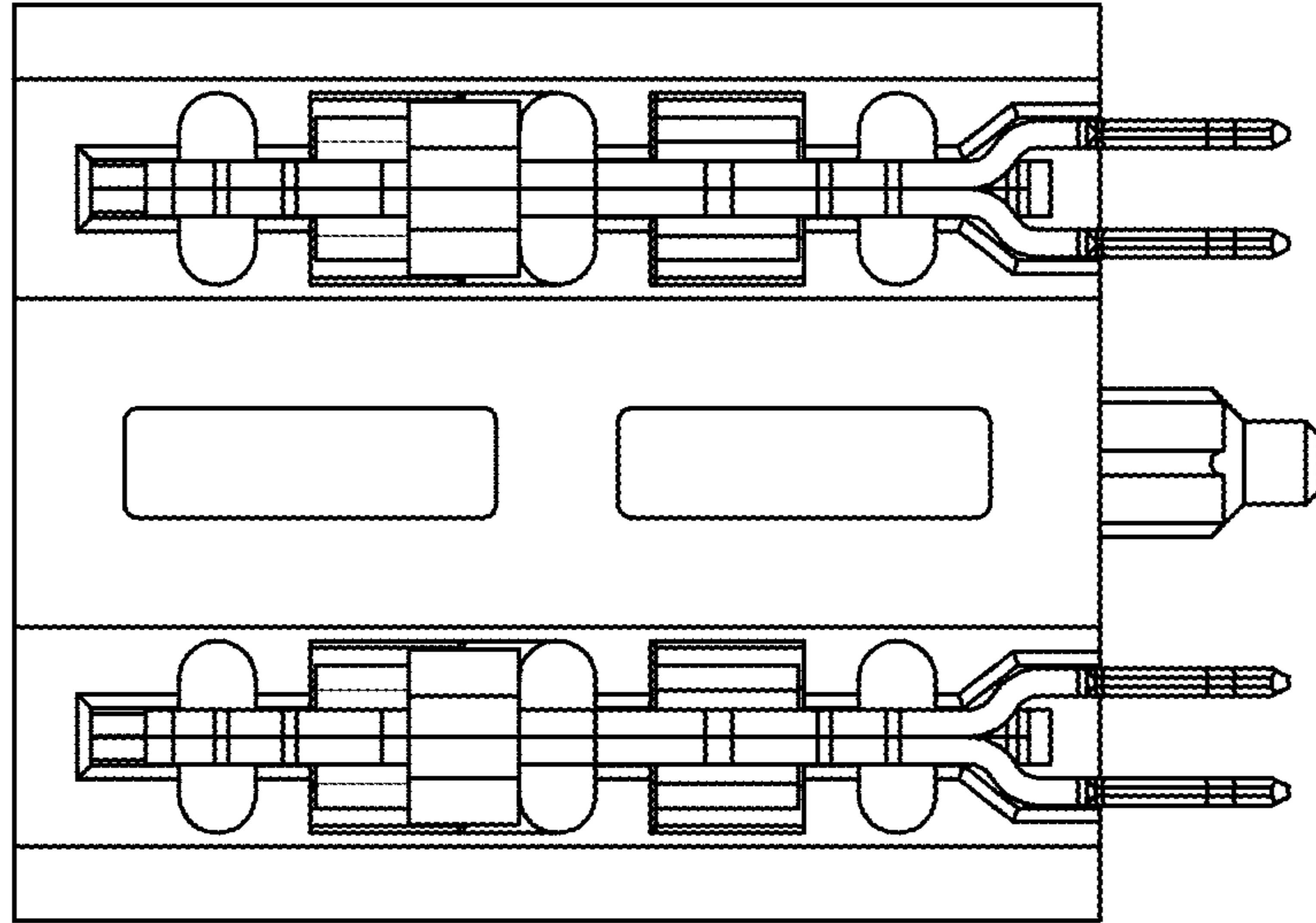


Fig.20

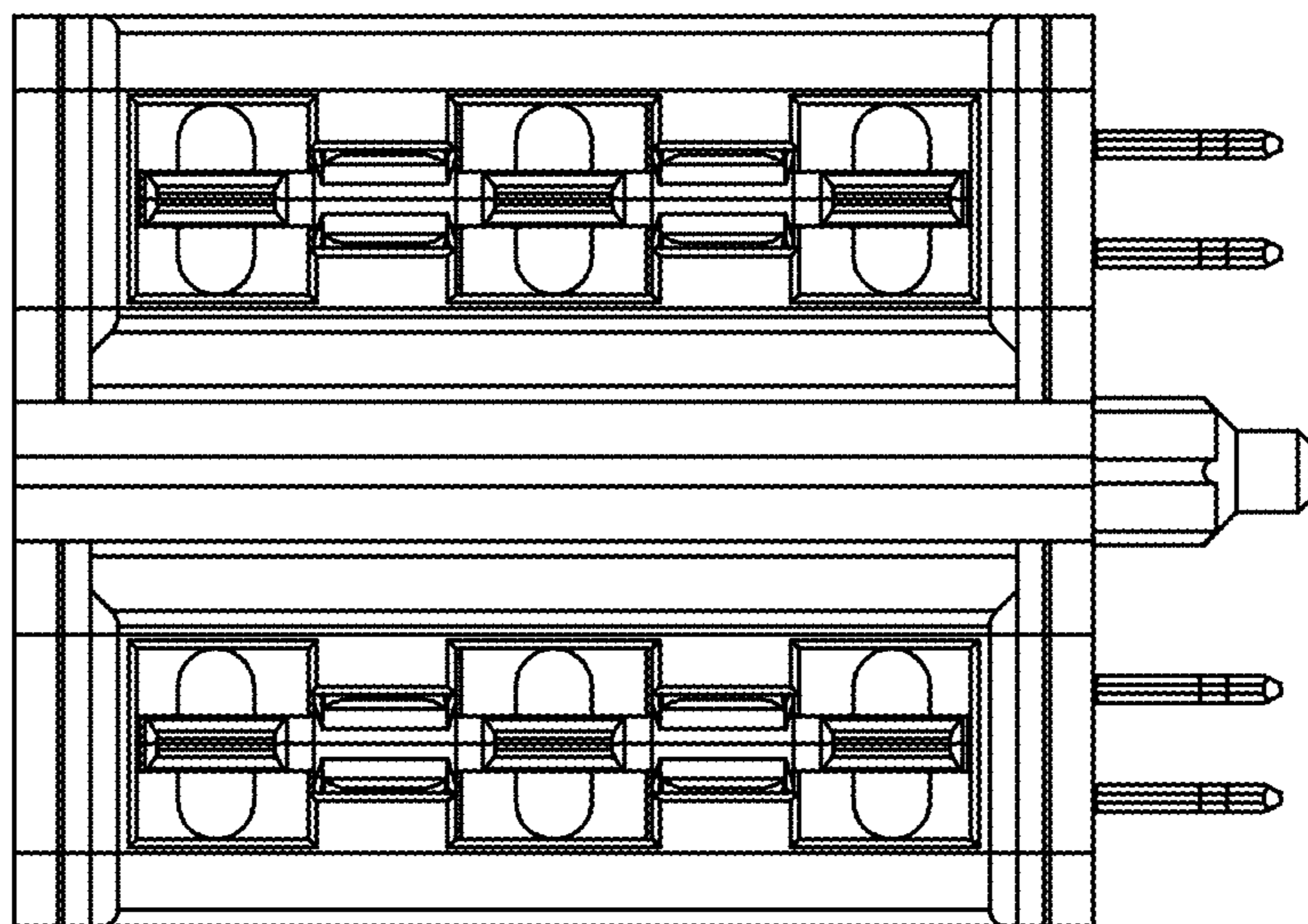
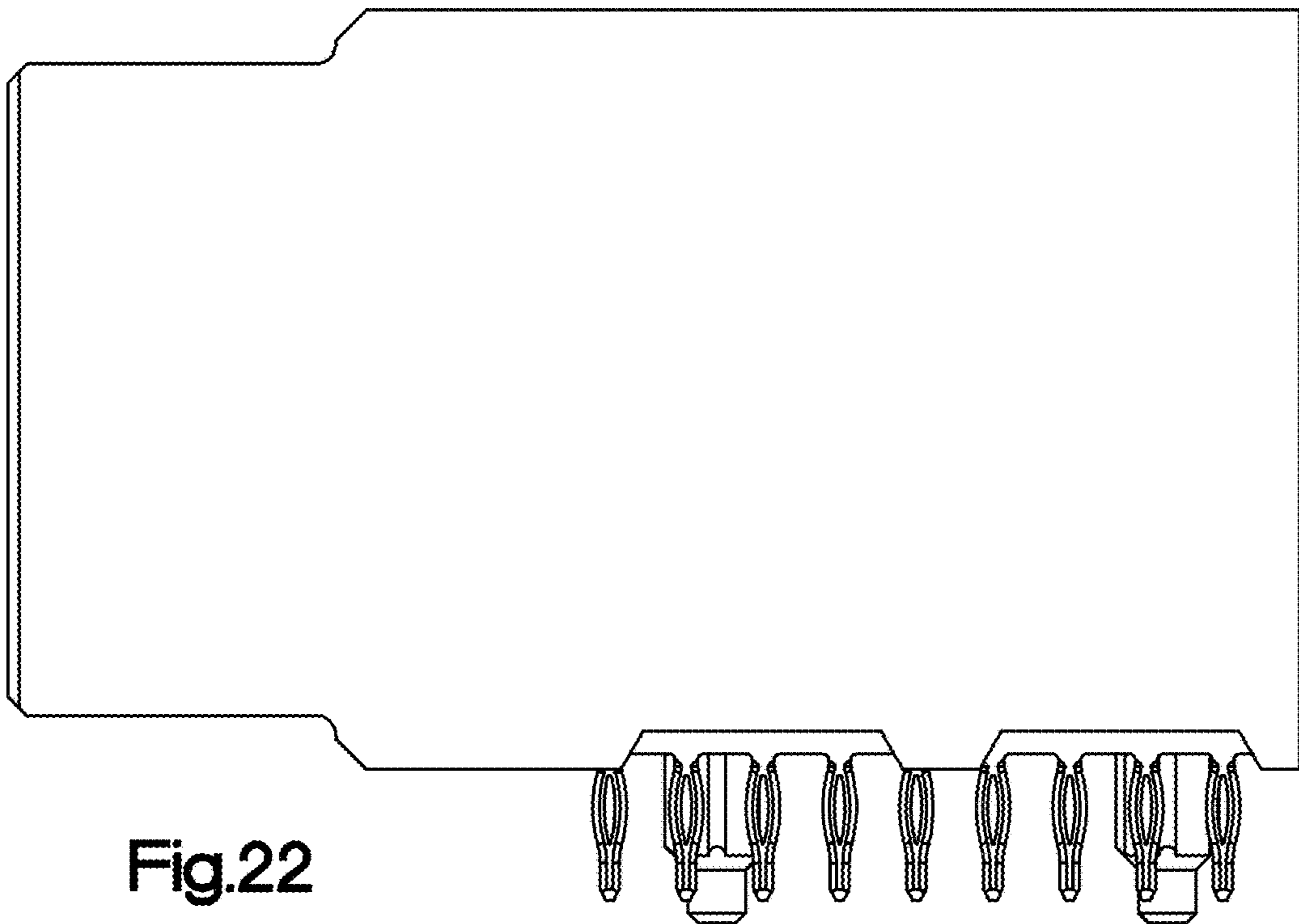
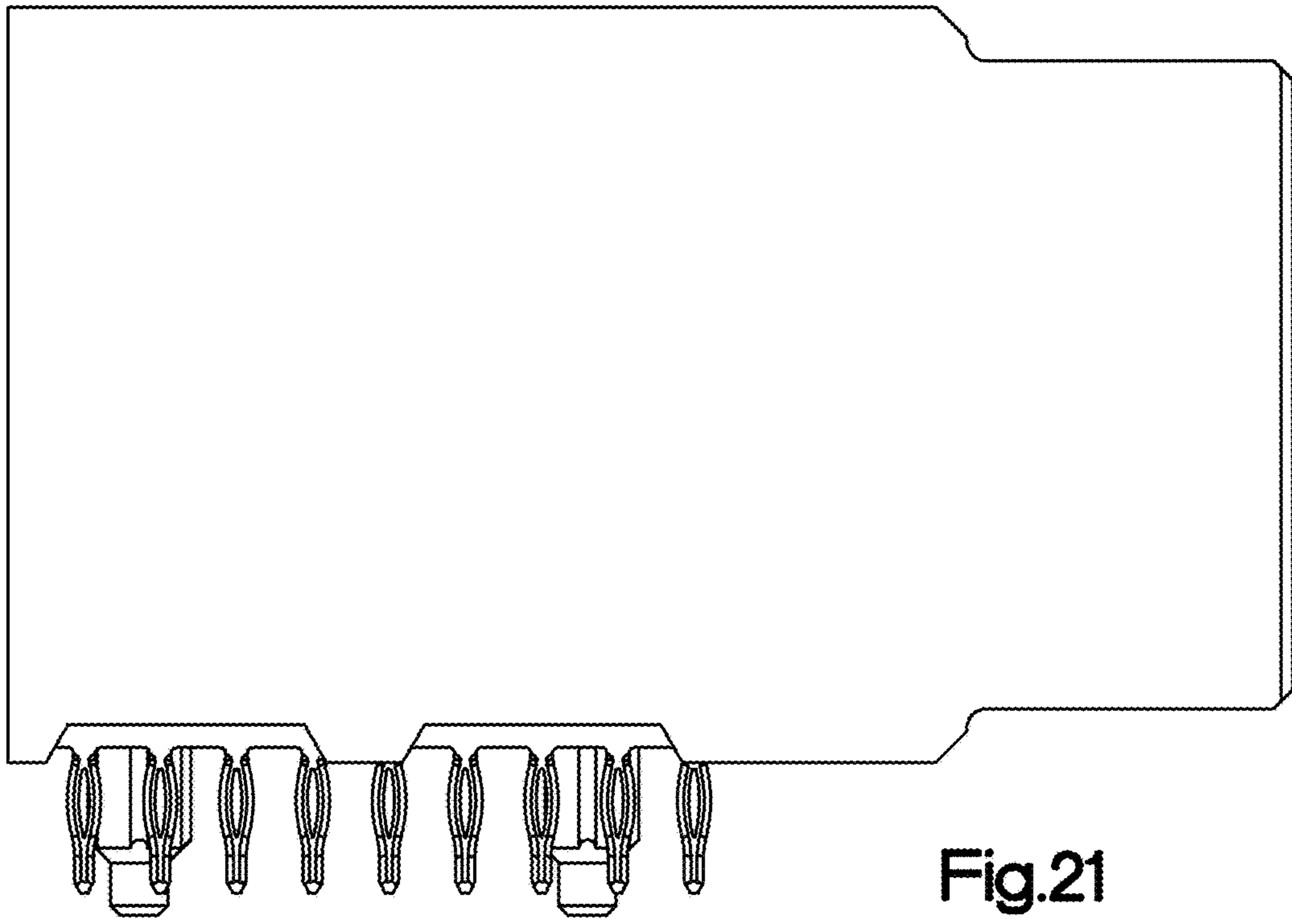


Fig.19



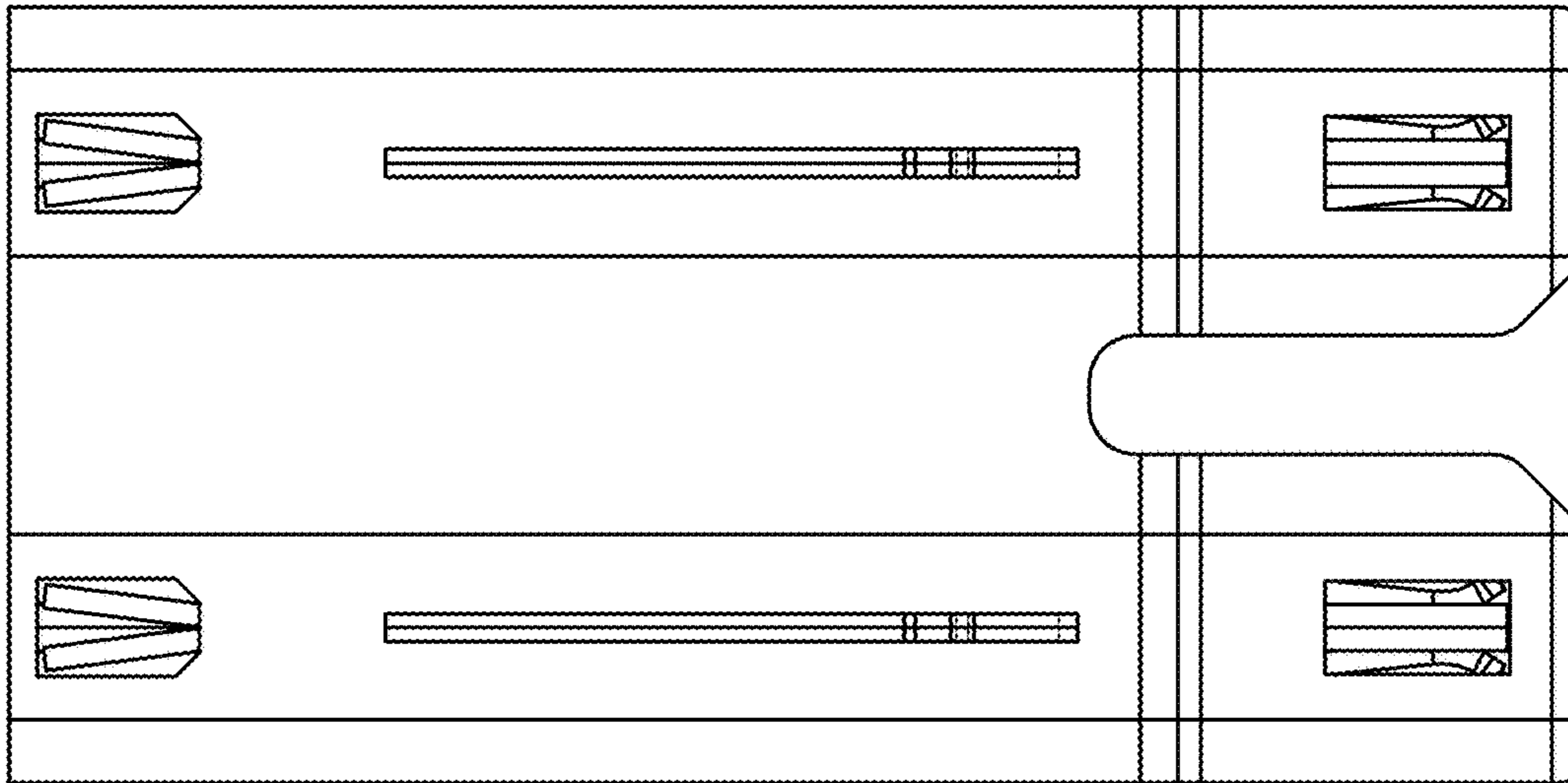


Fig.23

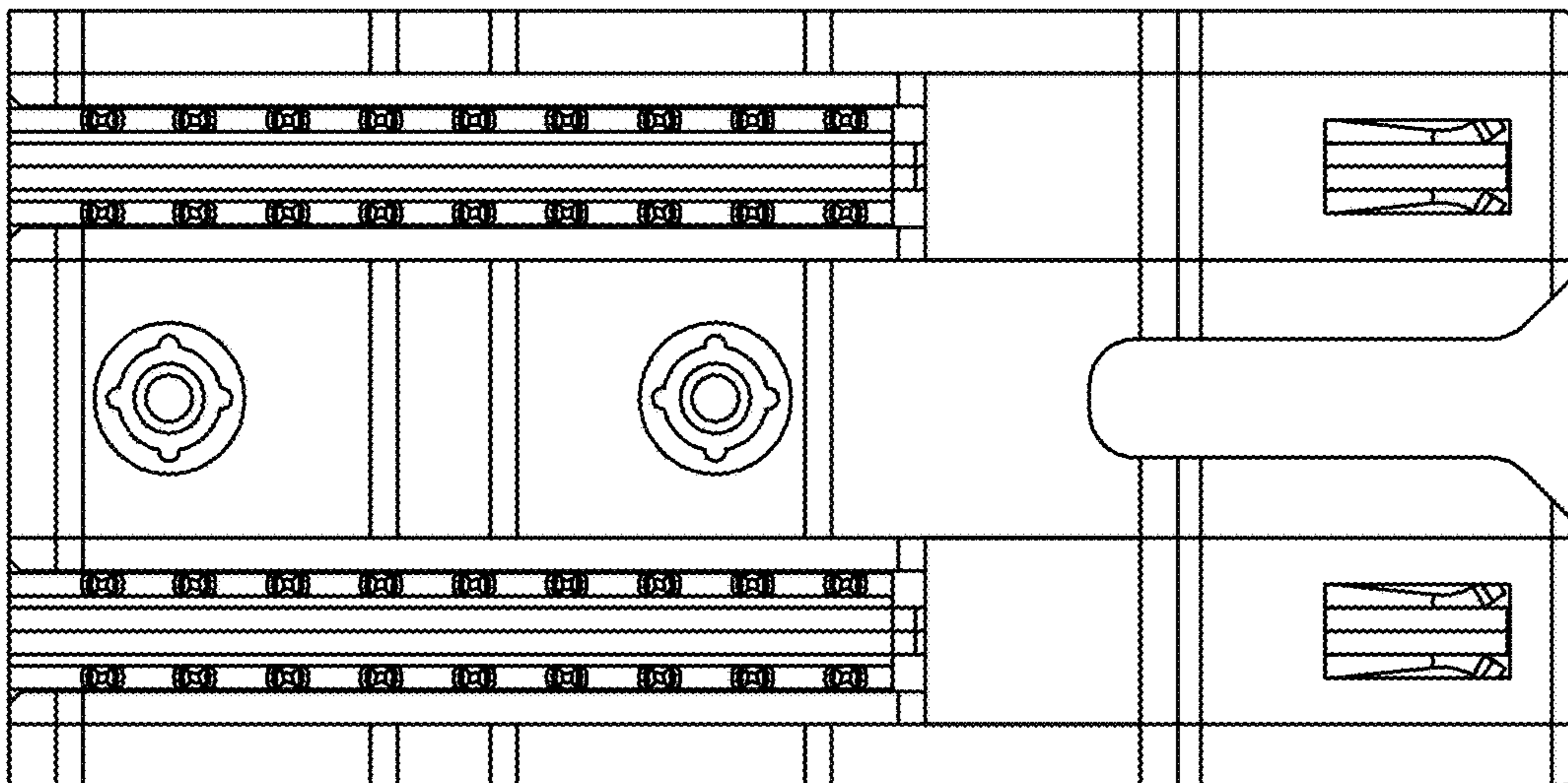


Fig.24

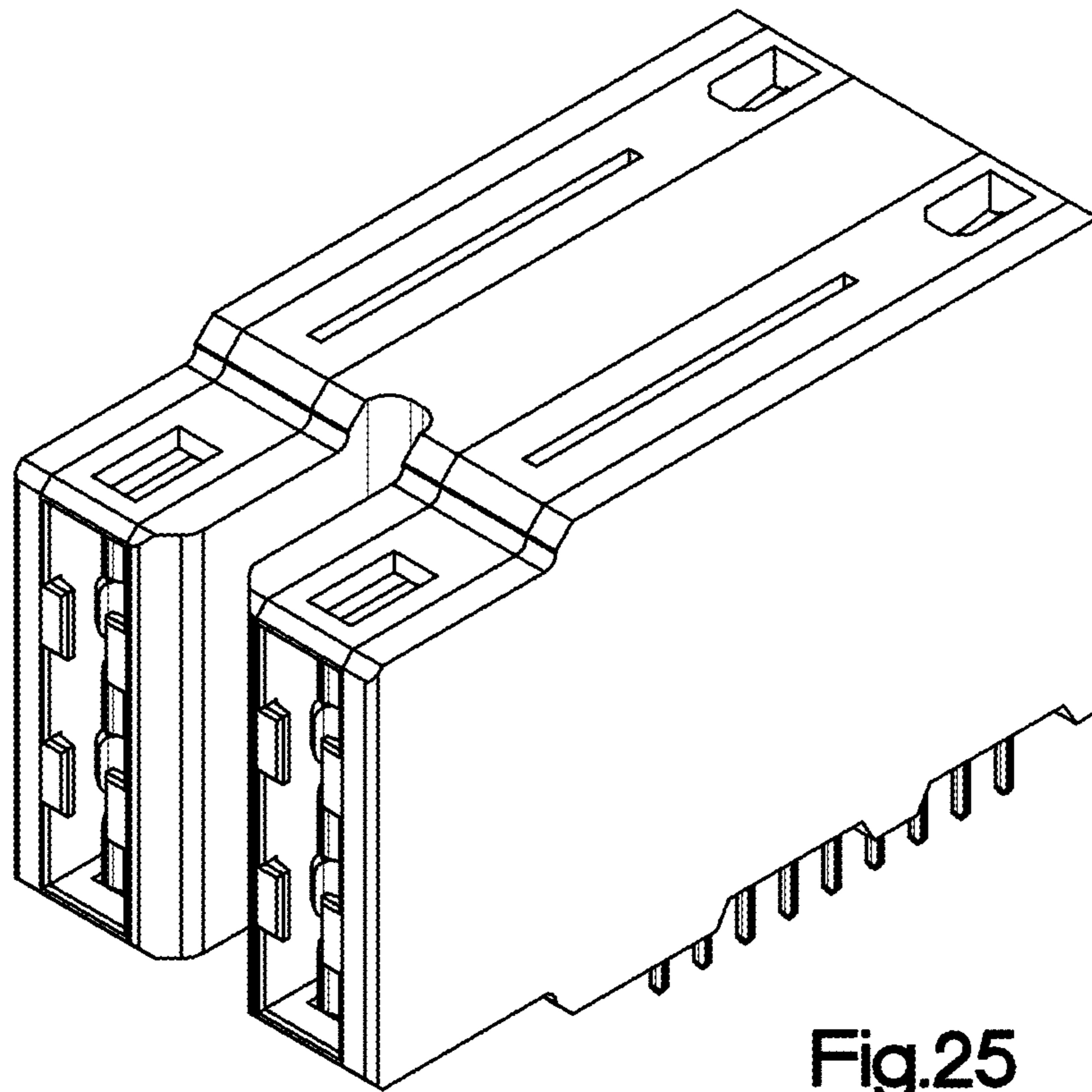


Fig.25

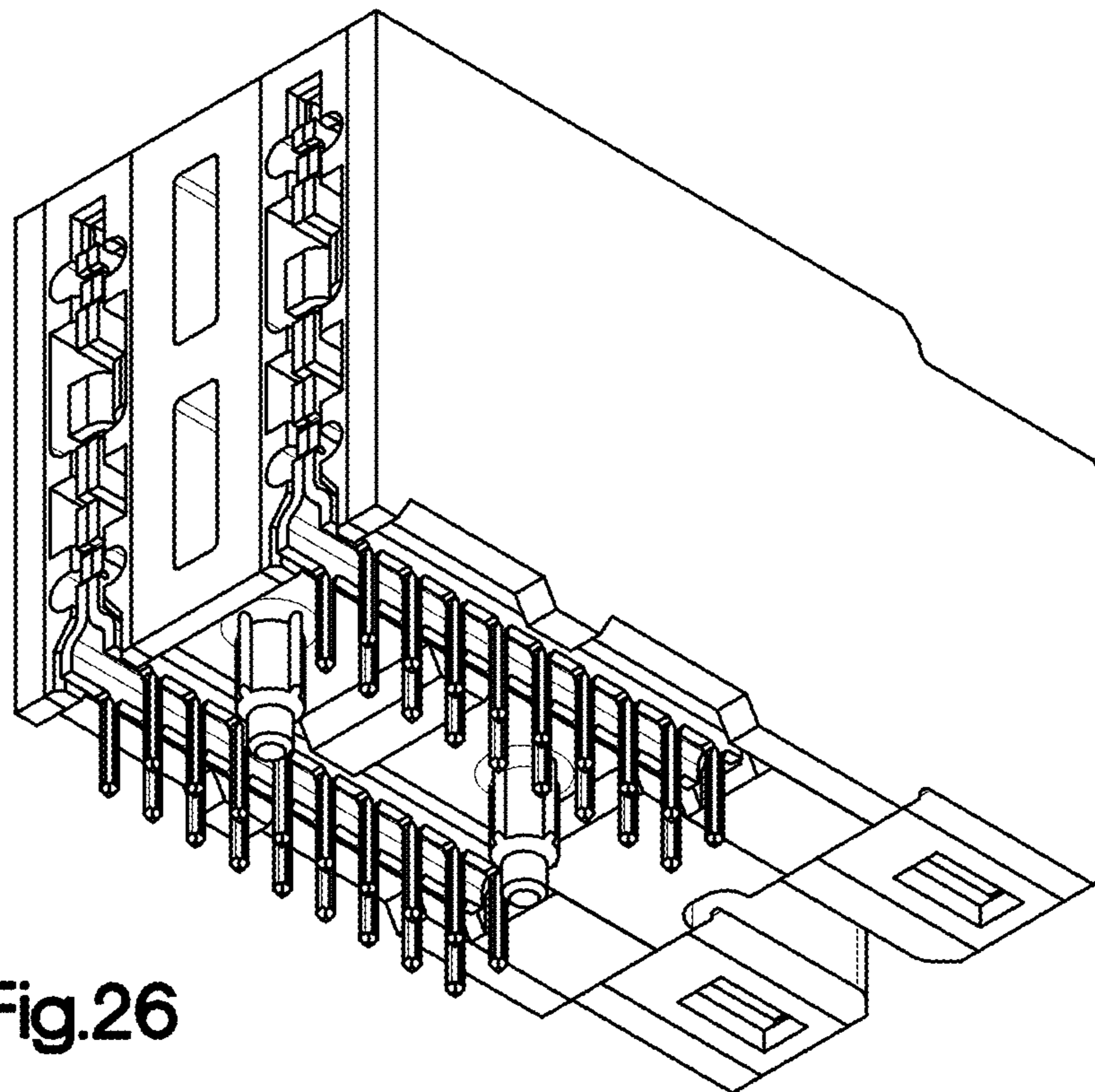


Fig.26

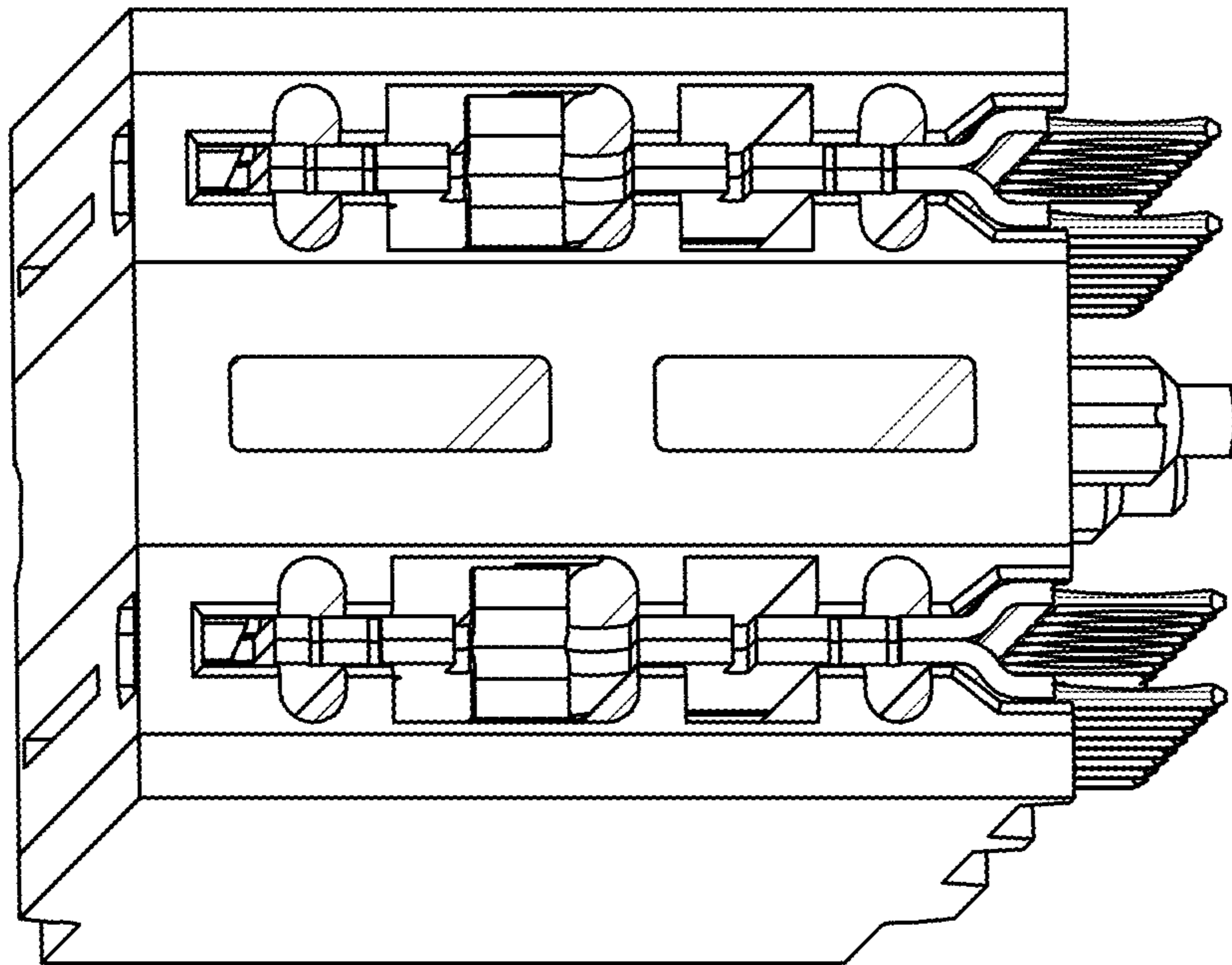


Fig.28

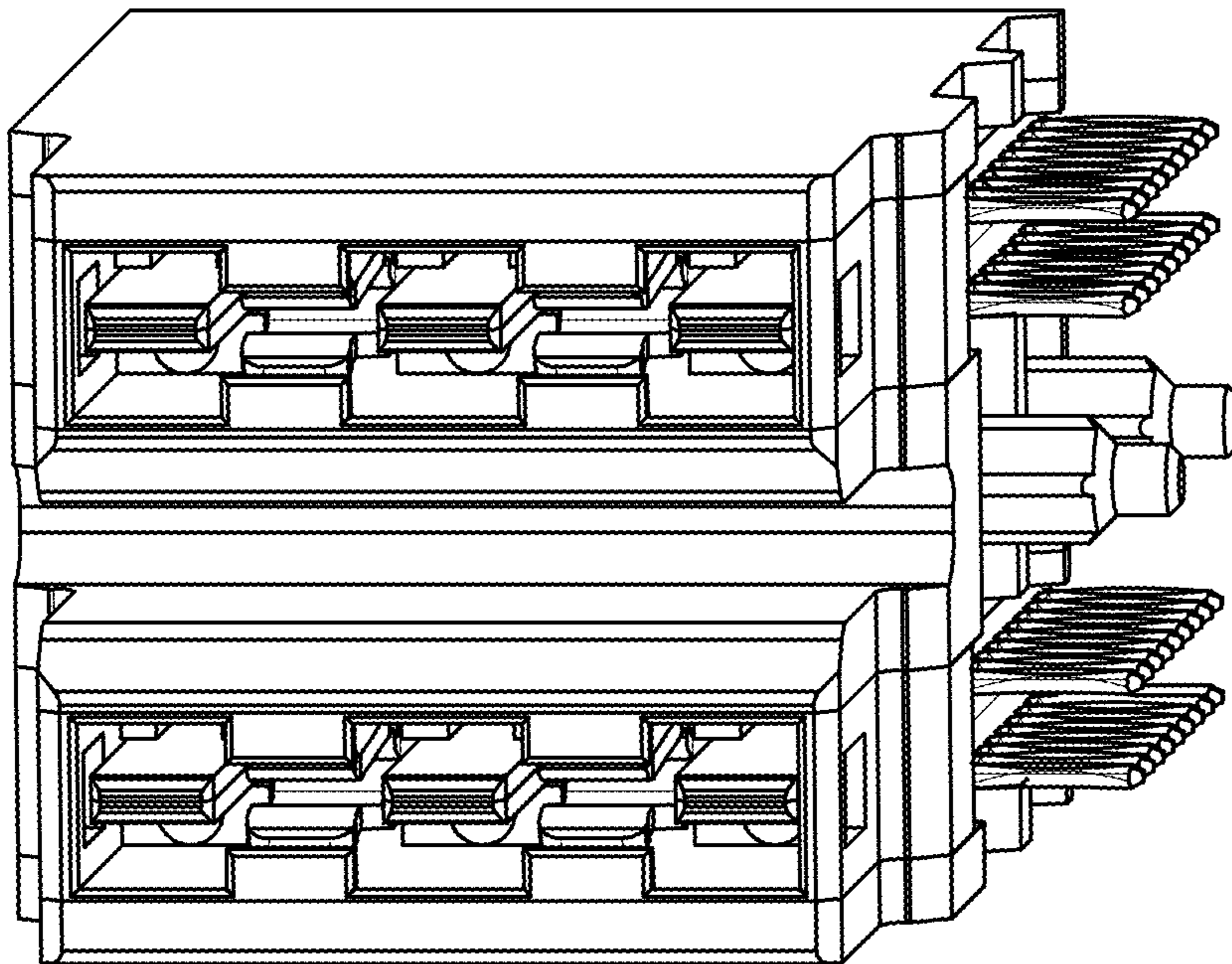


Fig.27

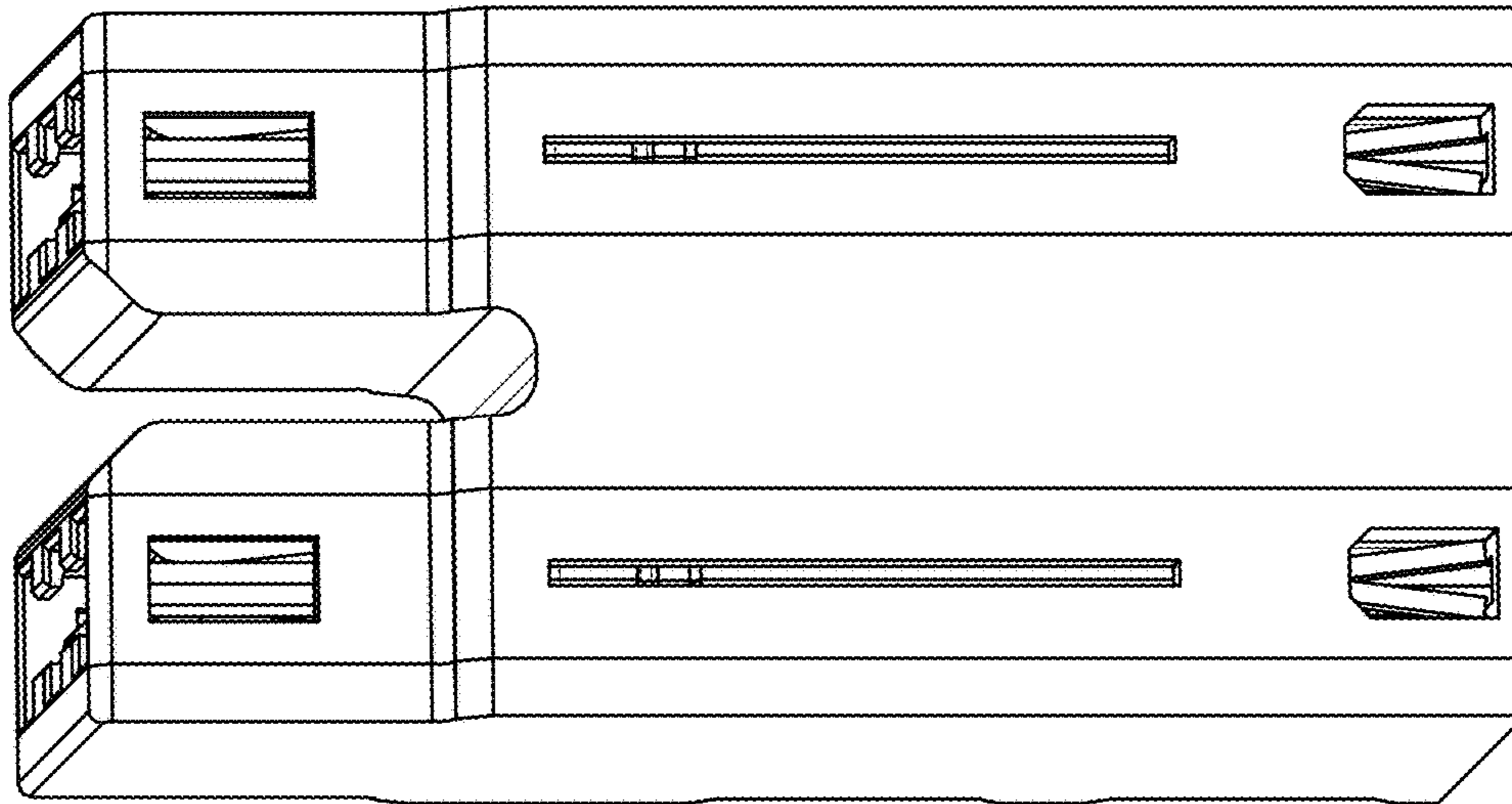


Fig.30

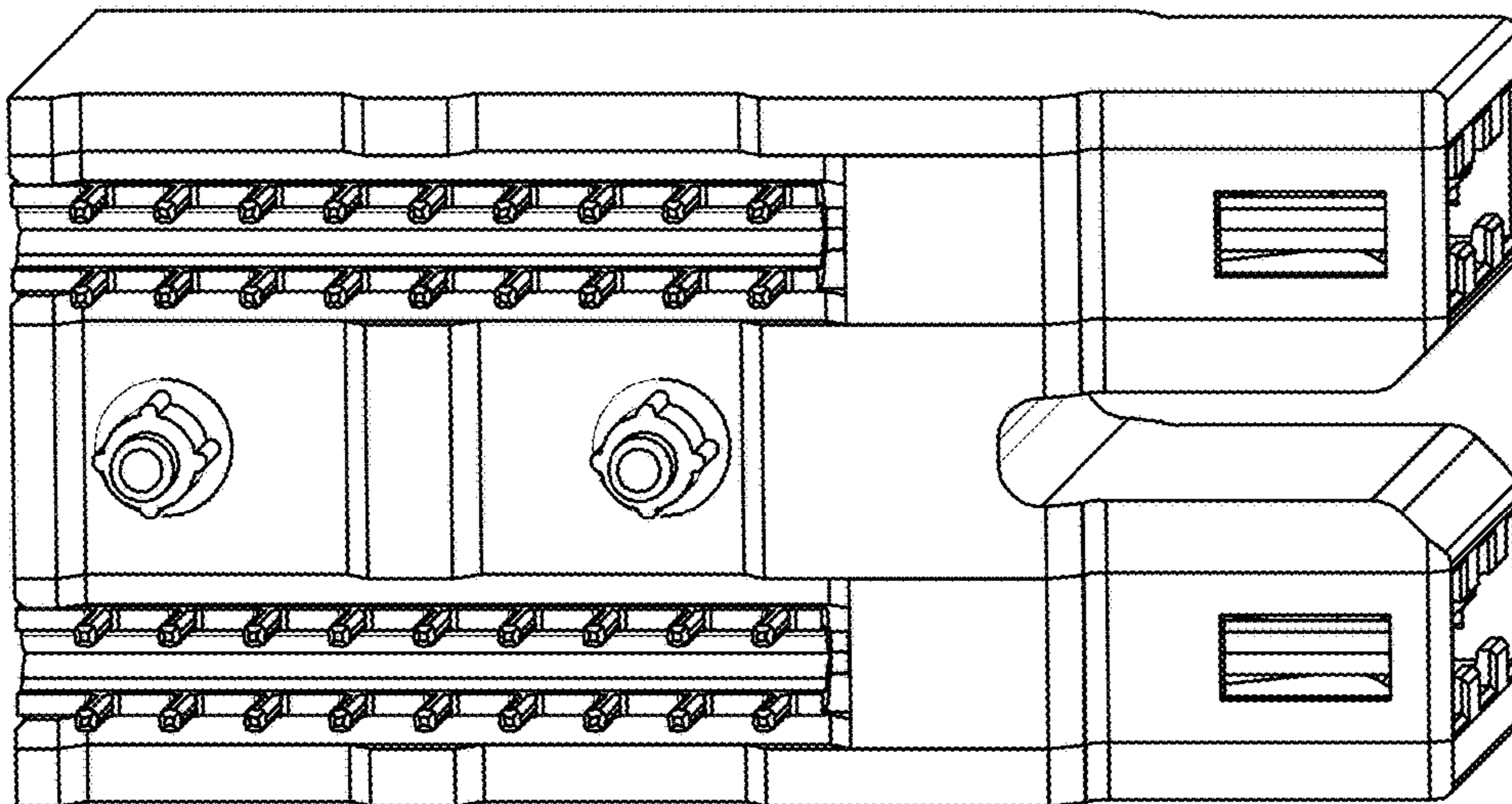


Fig.29

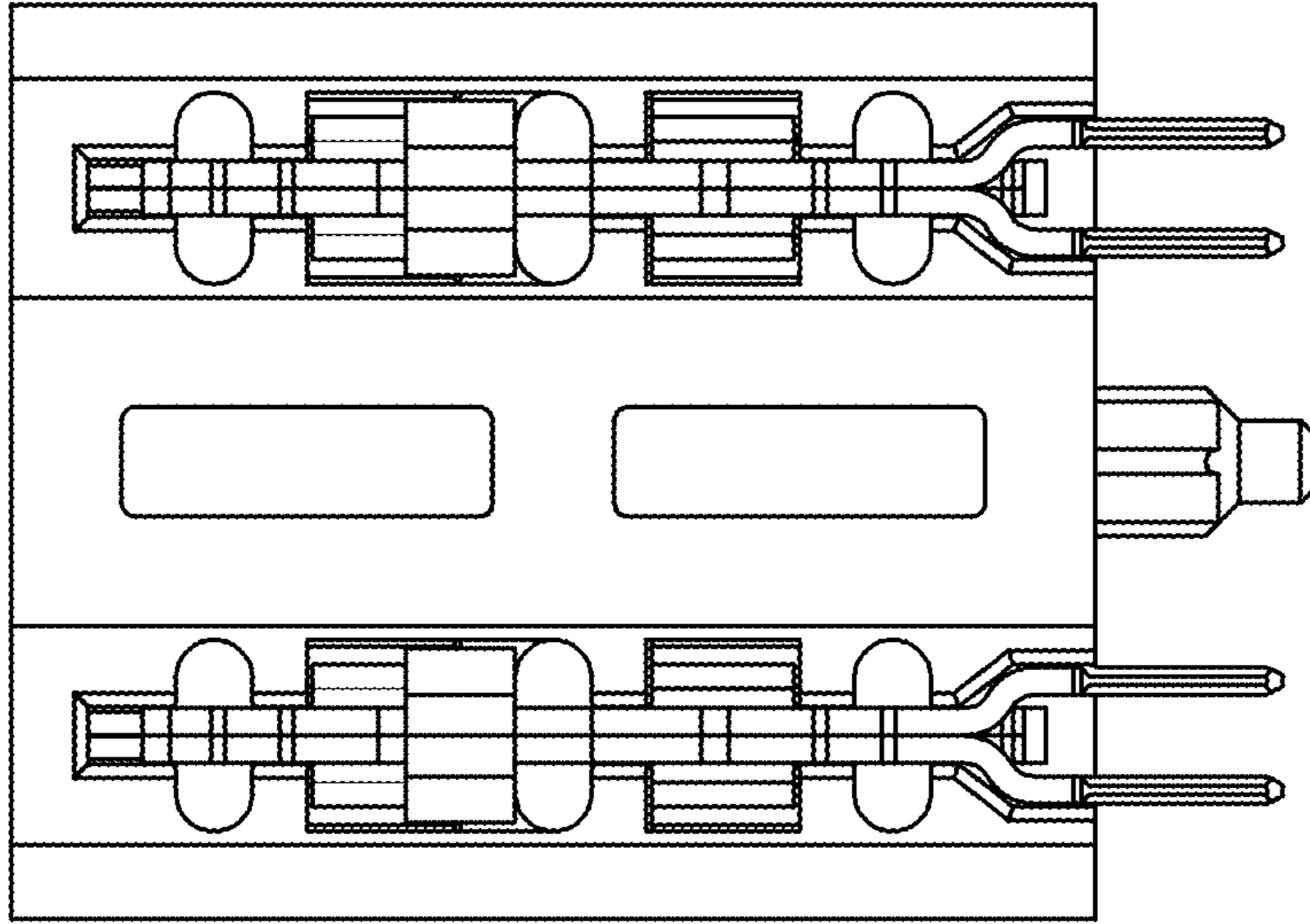


Fig.32

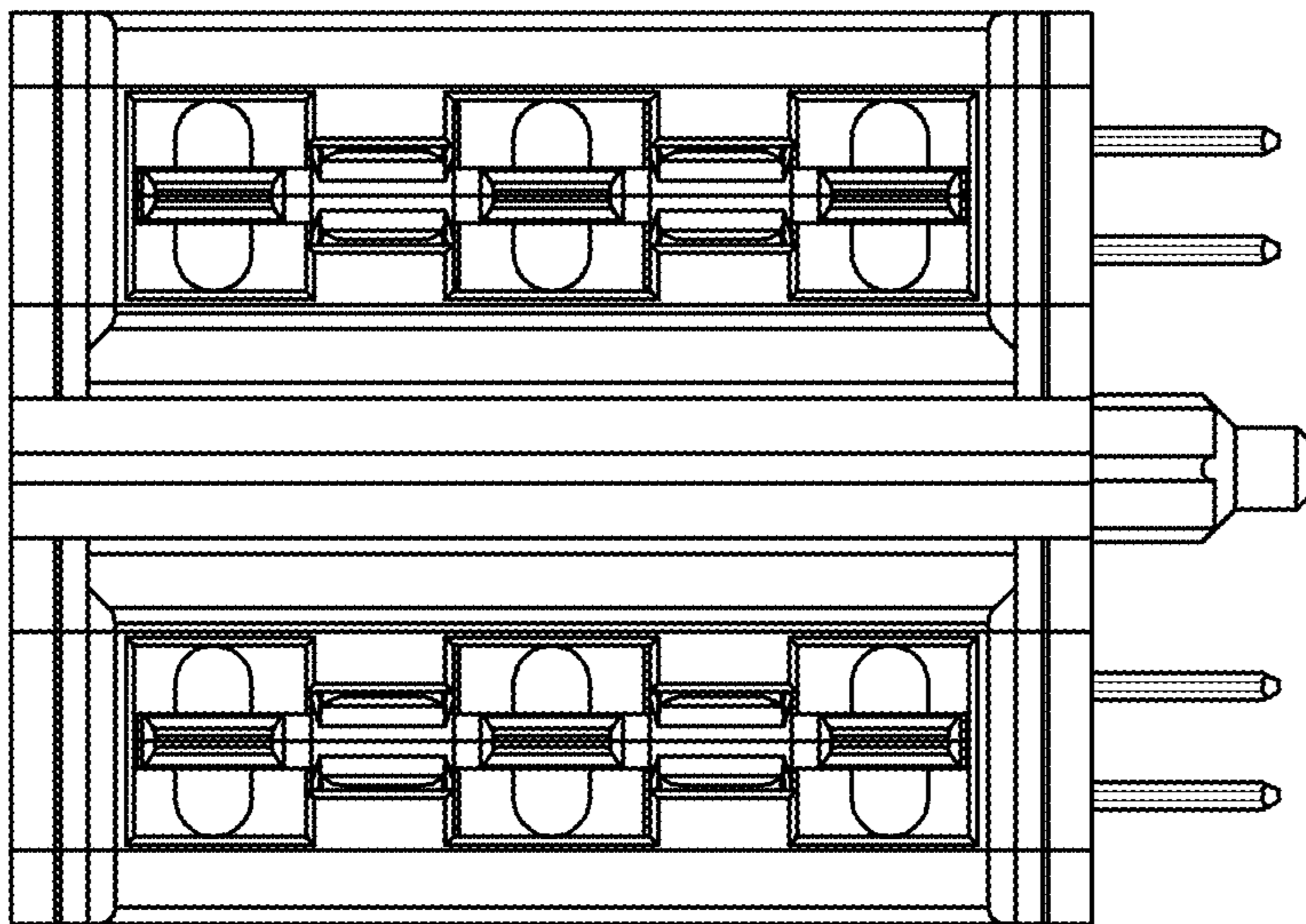
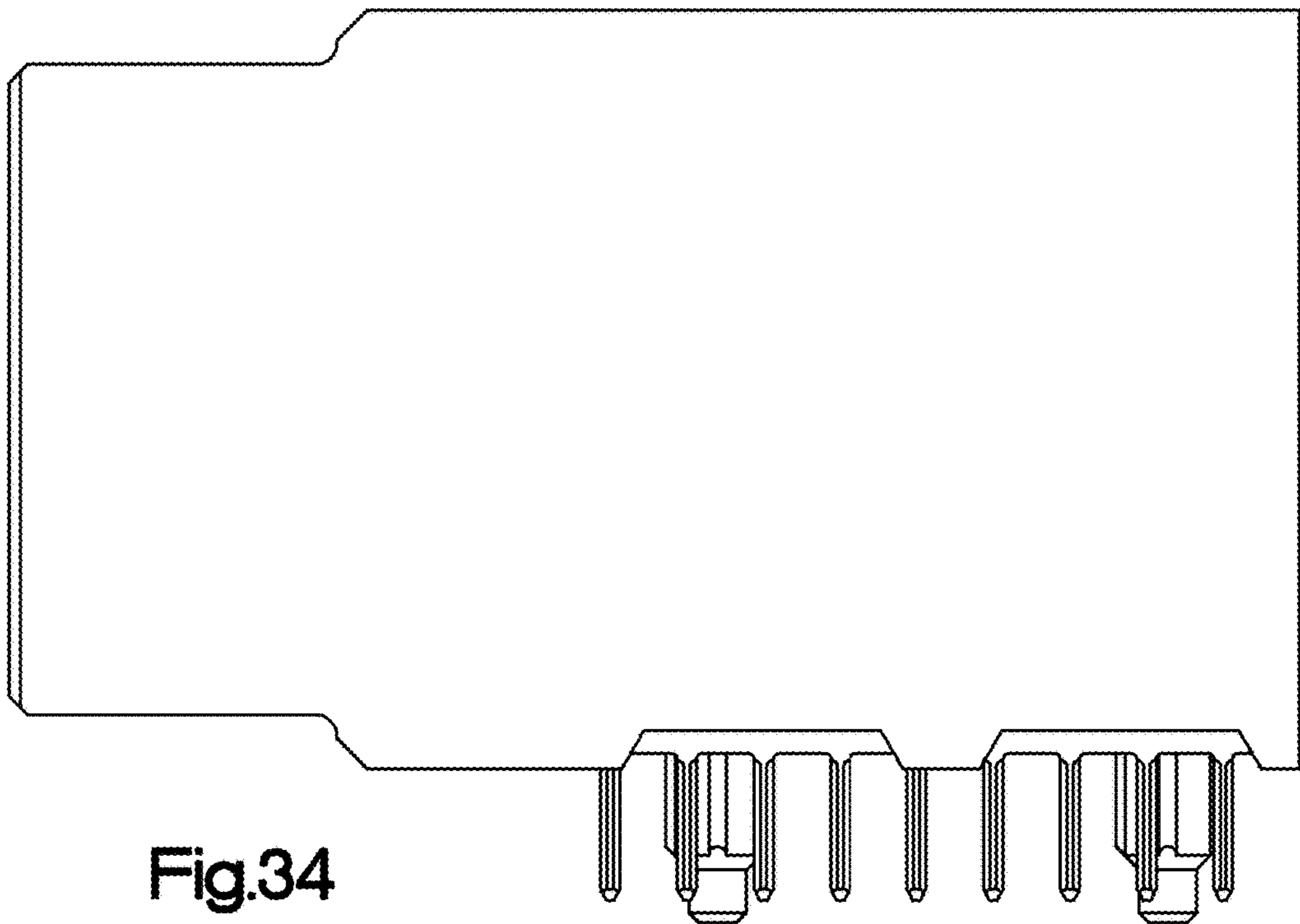
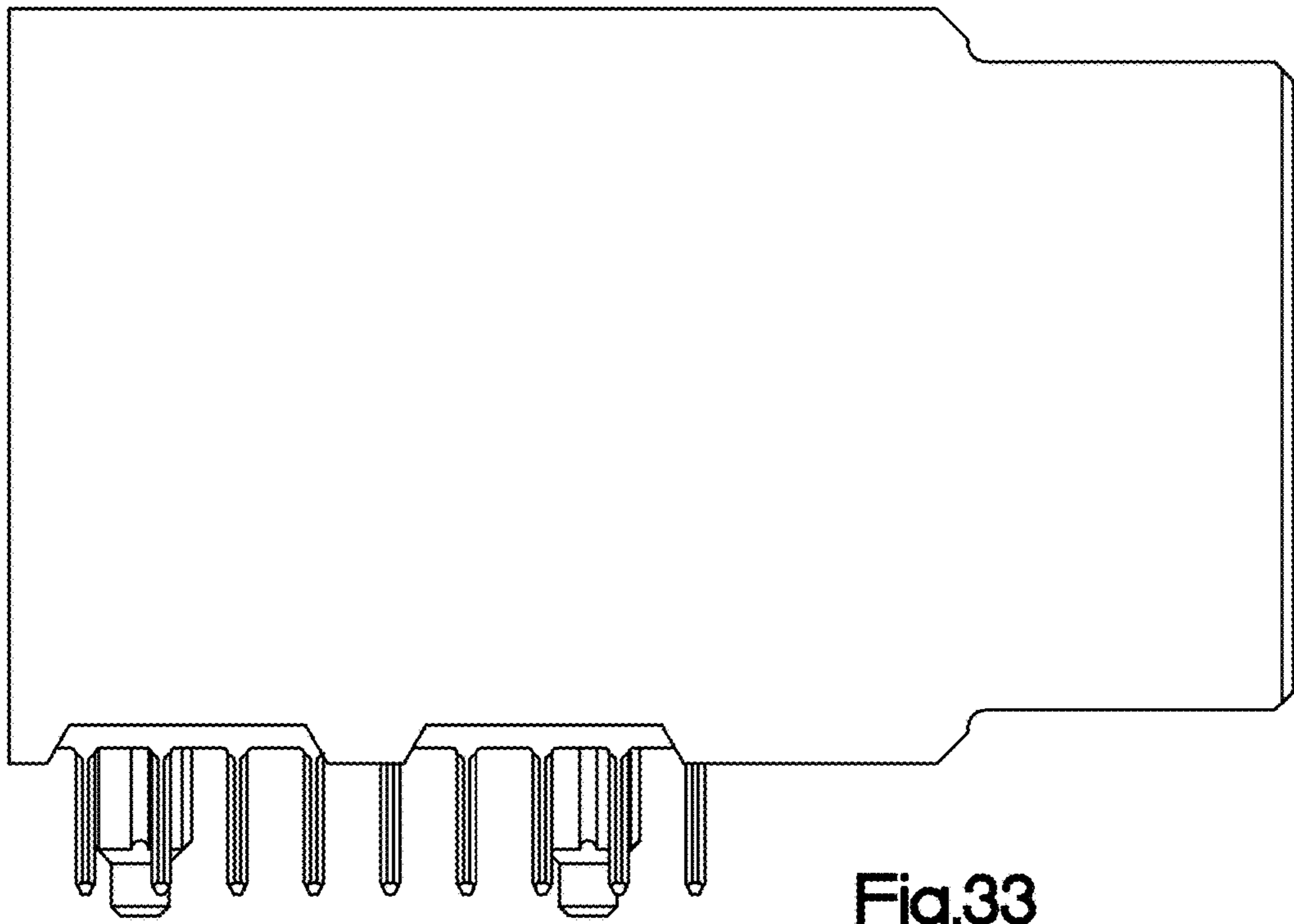


Fig.31



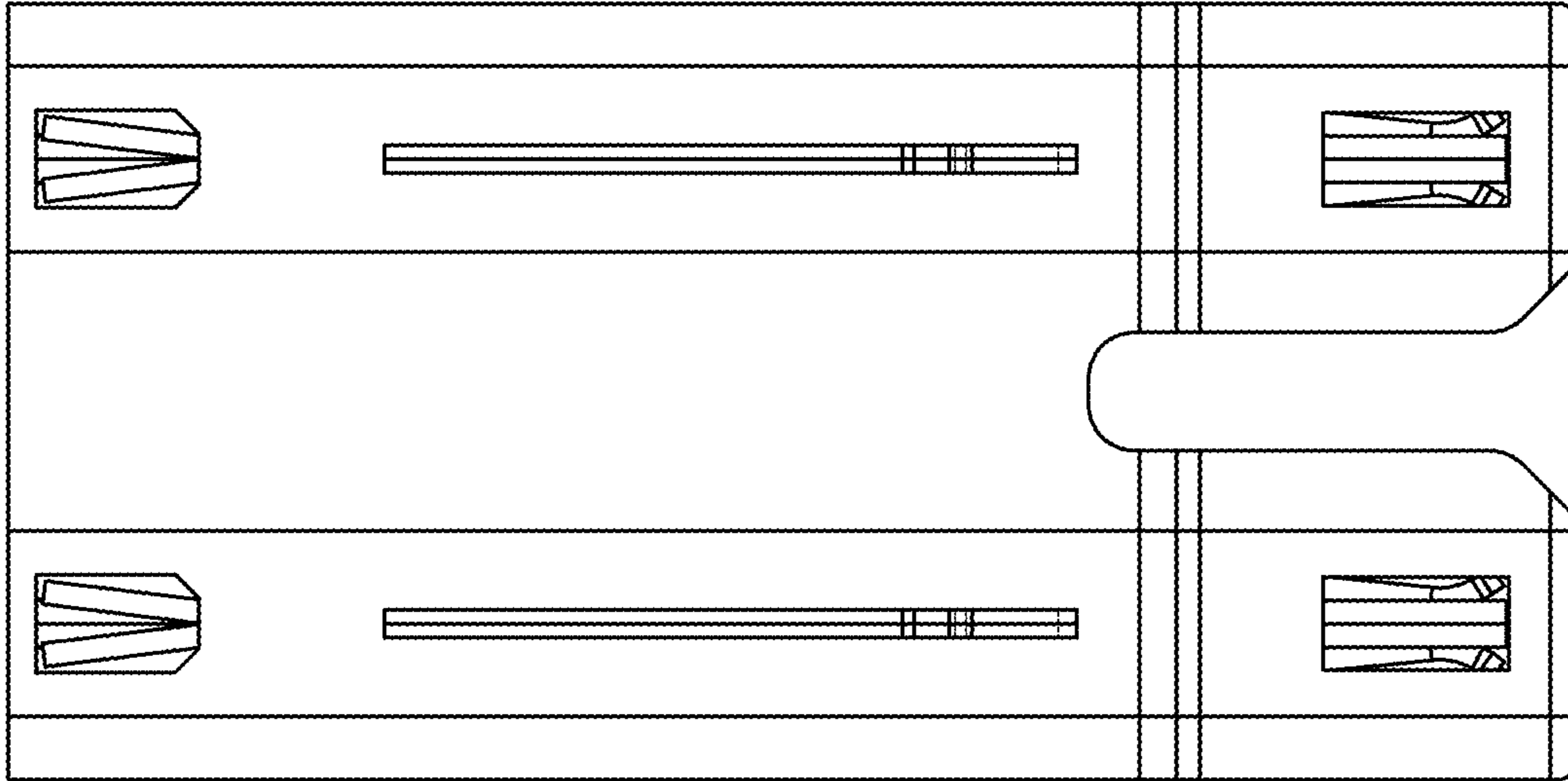


Fig.35

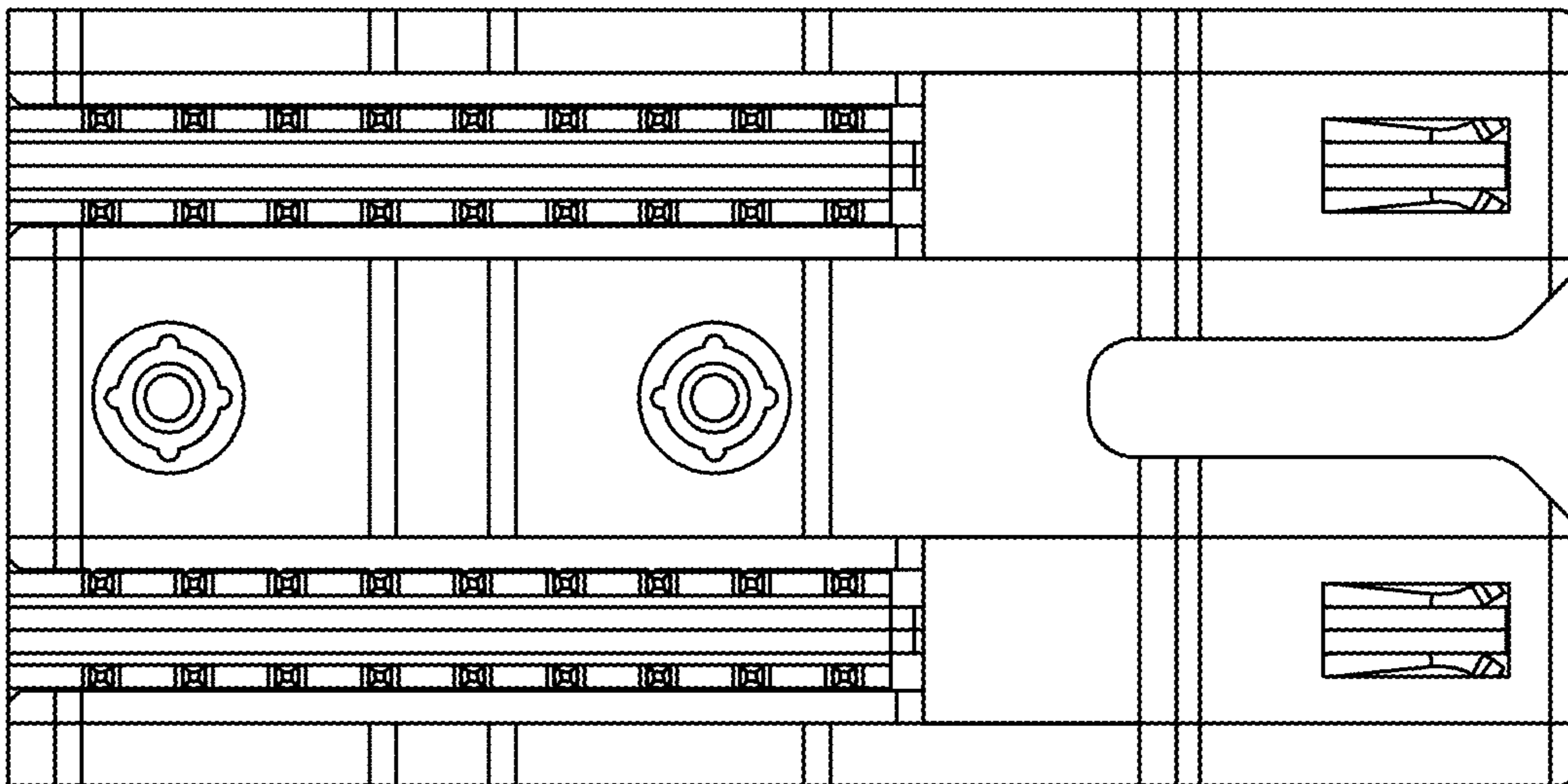


Fig.36