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(12) **United States Design Patent** (10) **Patent No.:** **US D542,734 S**
Thorsteinsson et al. (45) **Date of Patent:** **** May 15, 2007**

(54) **ELECTRICAL TRANSFORMERS**

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Richard Tinggren, Thalwil (CH)

(73) Assignee: **ABB Technology AG** (CH)

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

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(30) **Foreign Application Priority Data**

Nov. 12, 2003 (EM) 000102397

(51) **LOC (8) Cl.** **13-02**

(52) **U.S. Cl.** **D13/110**

(58) **Field of Classification Search** D13/110,
D13/4, 11, 101, 199; 174/52 R; 220/4.02;
336/92, 94, 98, 107; 363/153, 171
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for “electrical transformers,” as
shown and described.

DESCRIPTION

FIG. 1 is a front view of a first embodiment of an electrical
transformer;

FIG. 2 is a top view of said first embodiment of an electrical
transformer;

FIG. 3 is a side view of said first embodiment of an electrical
transformer;

FIG. 4 is a rear perspective view of said first embodiment of
an electrical transformer;

FIG. 5 is a front perspective view of said first embodiment
of an electrical transformer;

FIG. 6 is a front view of a second embodiment of an
electrical transformer;

FIG. 7 is a top view of said second embodiment of an
electrical transformer;

FIG. 8 is a side view of said second embodiment of an
electrical transformer;

FIG. 9 is a rear perspective view of said second embodiment
of an electrical transformer;

FIG. 10 is a front perspective view of said second embodi-
ment of an electrical transformer;

FIG. 11 is a front view of a third embodiment of an electrical
transformer;

FIG. 12 is a top view of said third embodiment of an
electrical transformer;

FIG. 13 is a side view of said third embodiment of an
electrical transformer;

FIG. 14 is a rear perspective view of said third embodiment
of an electrical transformer;

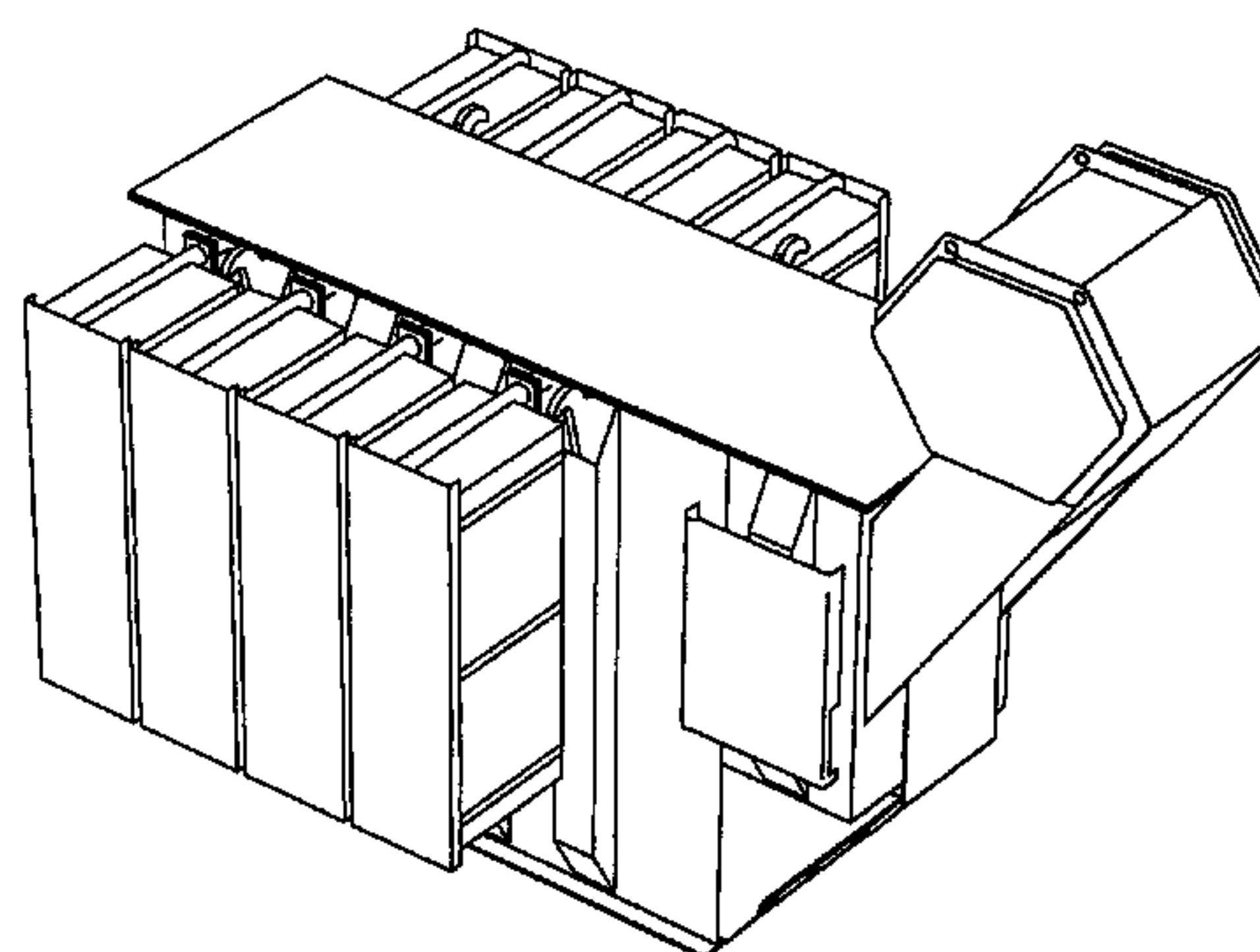
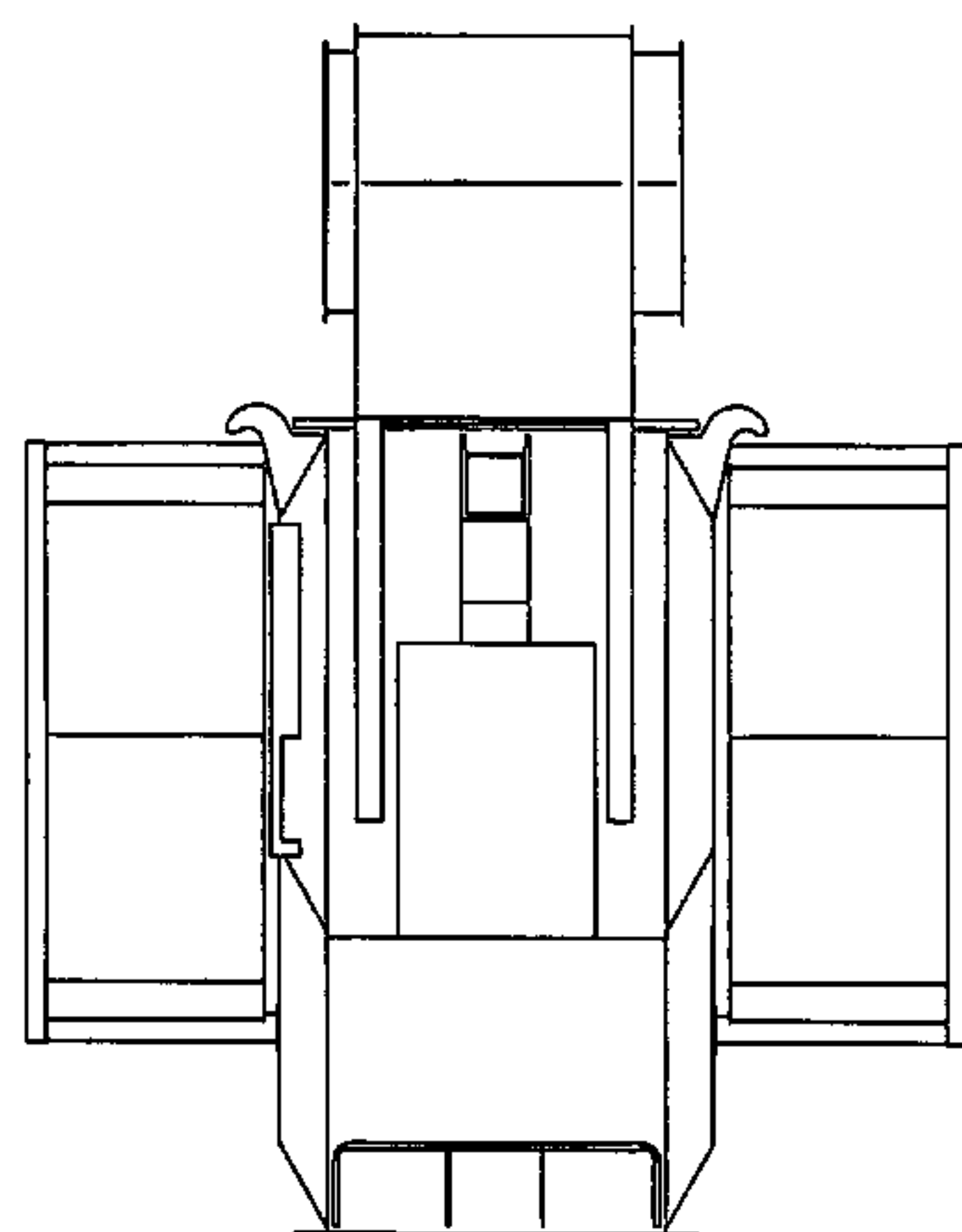


FIG. 15 is a front perspective view of said third embodiment of an electrical transformer;

FIG. 16 is a front view of a fourth embodiment of an electrical transformer;

FIG. 17 is a top view of said fourth embodiment of an electrical transformer;

FIG. 18 is a side view of said fourth embodiment of an electrical transformer;

FIG. 19 is a rear perspective view of said fourth embodiment of an electrical transformer;

FIG. 20 is a front perspective view of said fourth embodiment of an electrical transformer;

FIG. 21 is a front view of a fifth embodiment of an electrical transformer;

FIG. 22 is a top view of said fifth embodiment of an electrical transformer;

FIG. 23 is a side view of said fifth embodiment of an electrical transformer;

FIG. 24 is a rear perspective view of said fifth embodiment of an electrical transformer;

FIG. 25 is a front perspective view of said fifth embodiment of an electrical transformer;

FIG. 26 is a front view of a sixth embodiment of an electrical transformer;

FIG. 27 is a top view of said sixth embodiment of an electrical transformer;

FIG. 28 is a side view of said sixth embodiment of an electrical transformer;

FIG. 29 is a rear perspective view of said sixth embodiment of an electrical transformer;

FIG. 30 is a front perspective view of said sixth embodiment of an electrical transformer;

FIG. 31 is a front view of a seventh embodiment of an electrical transformer;

FIG. 32 is a top view of said seventh embodiment of an electrical transformer;

FIG. 33 is a side view of said seventh embodiment of an electrical transformer;

FIG. 34 is a rear perspective view of said seventh embodiment of an electrical transformer; and,

FIG. 35 is a front perspective view of said seventh embodiment of an electrical transformer.

1 Claim, 28 Drawing Sheets

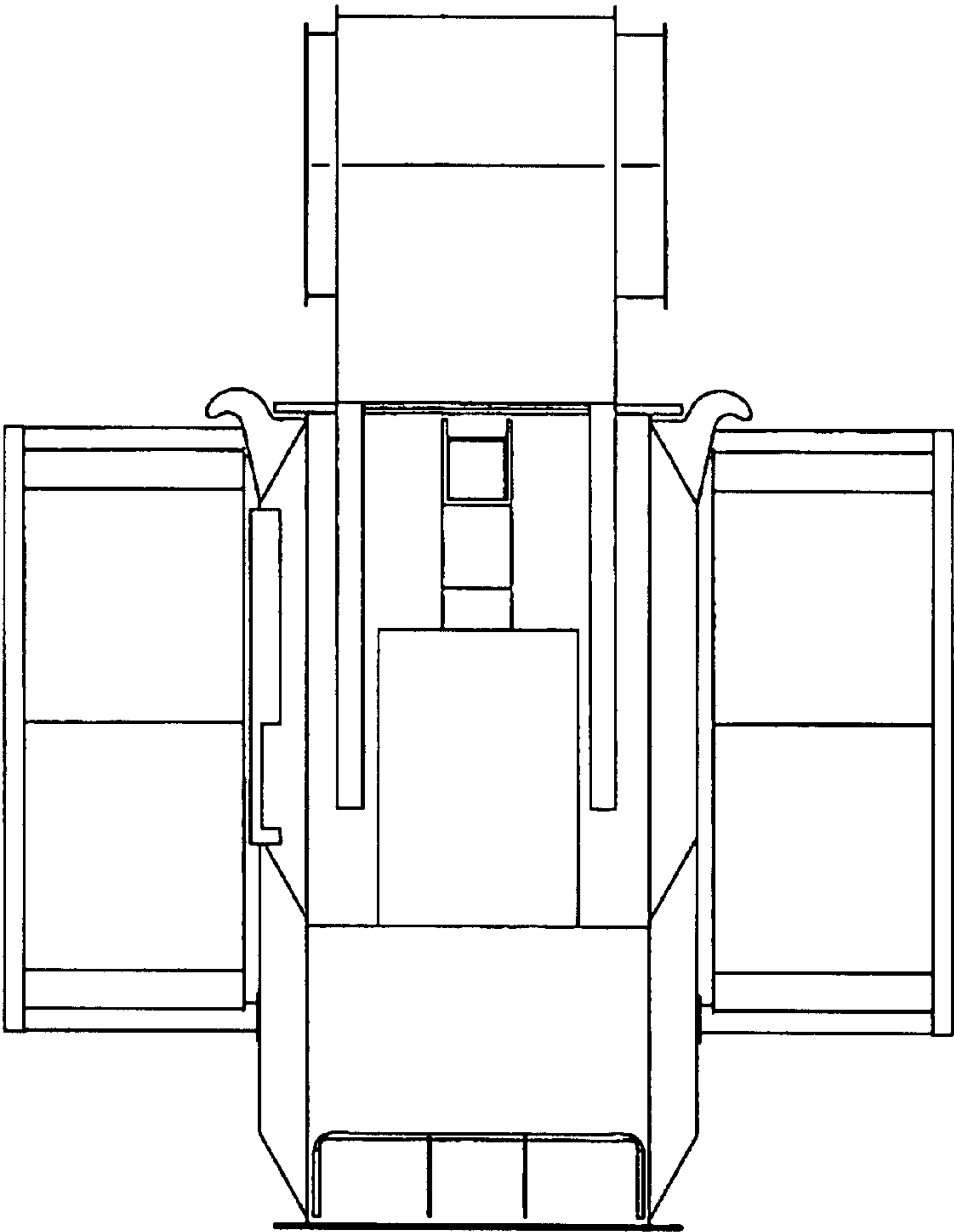


Fig. 1

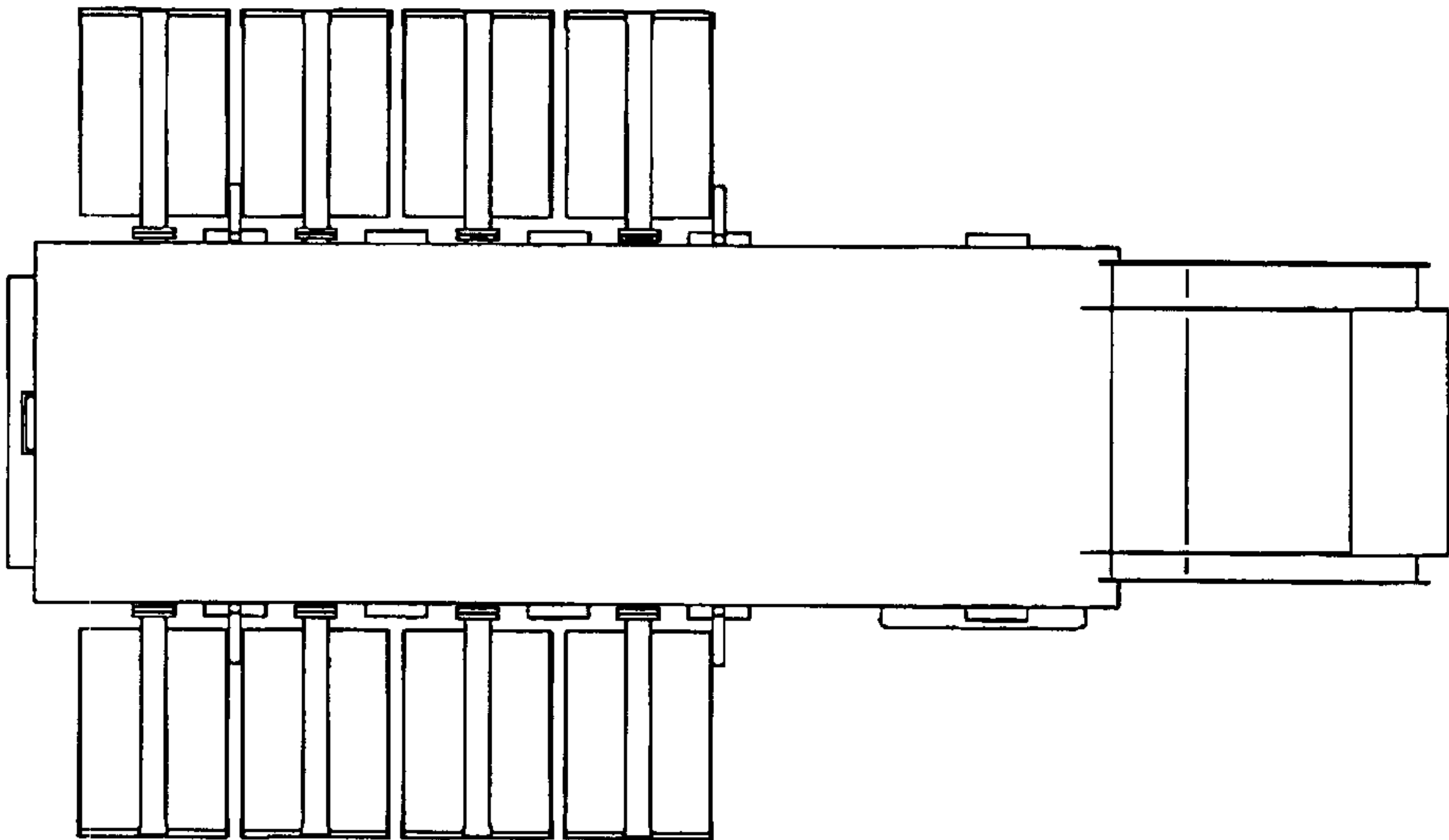


Fig. 2

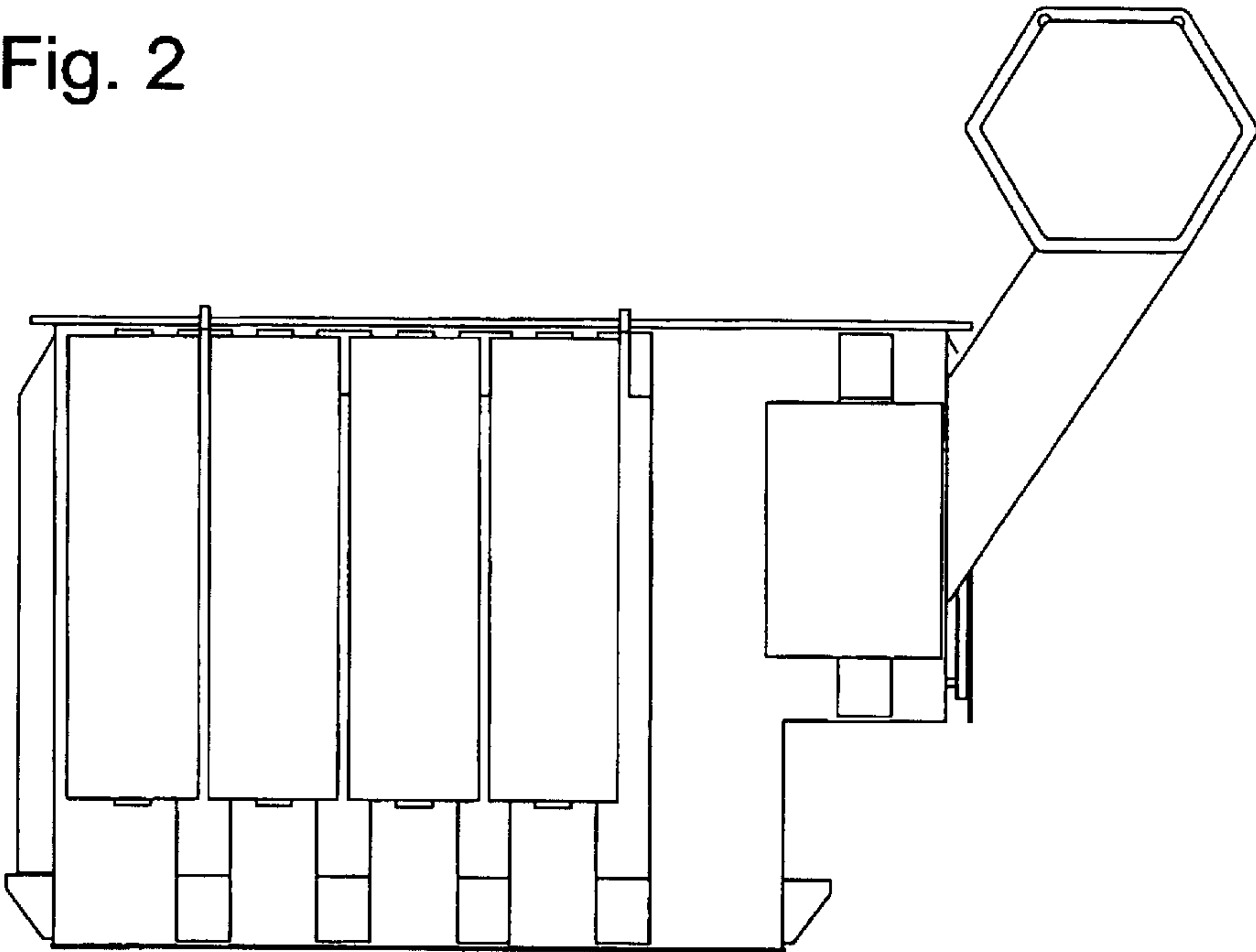


Fig. 3

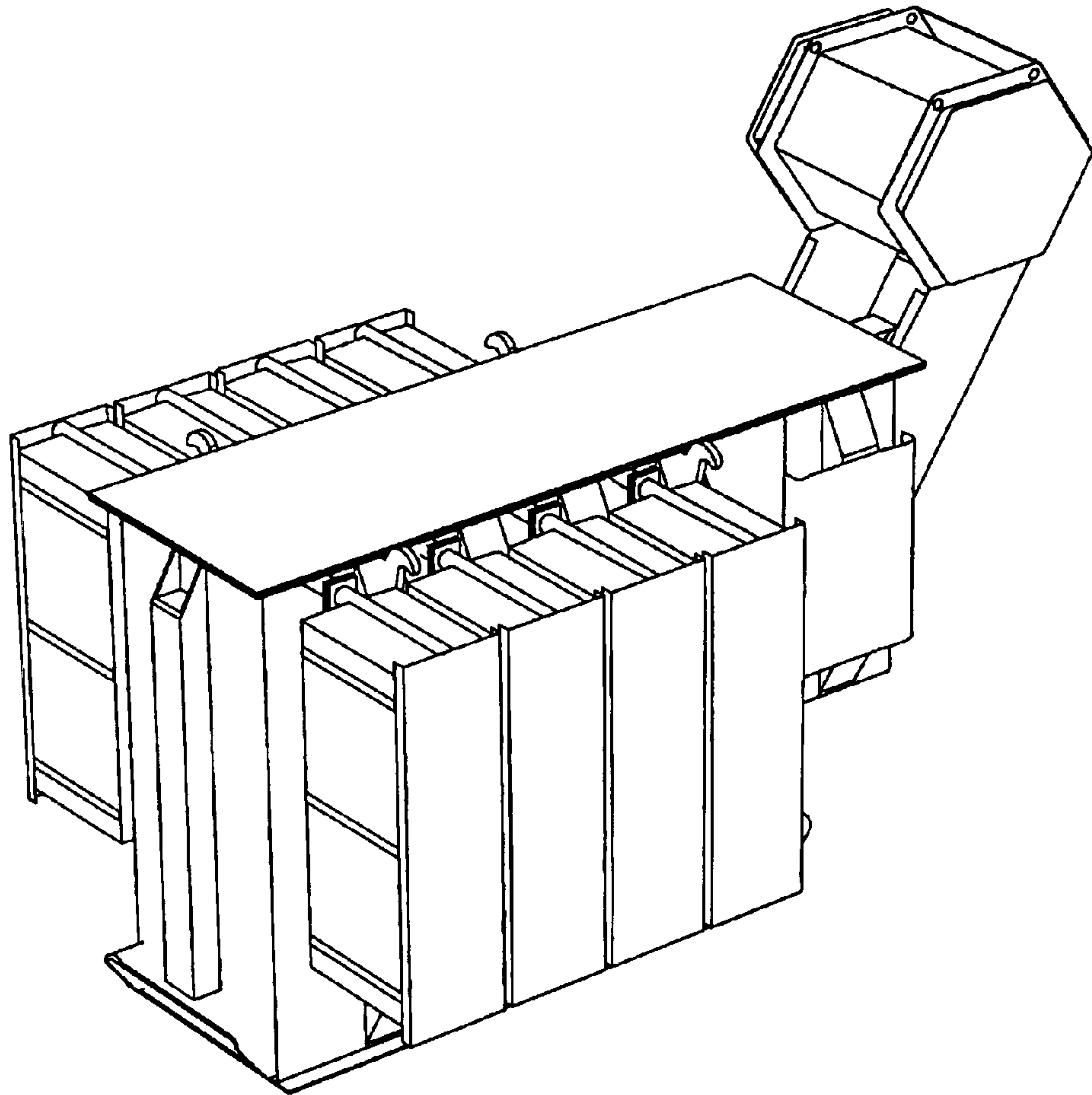


Fig. 4

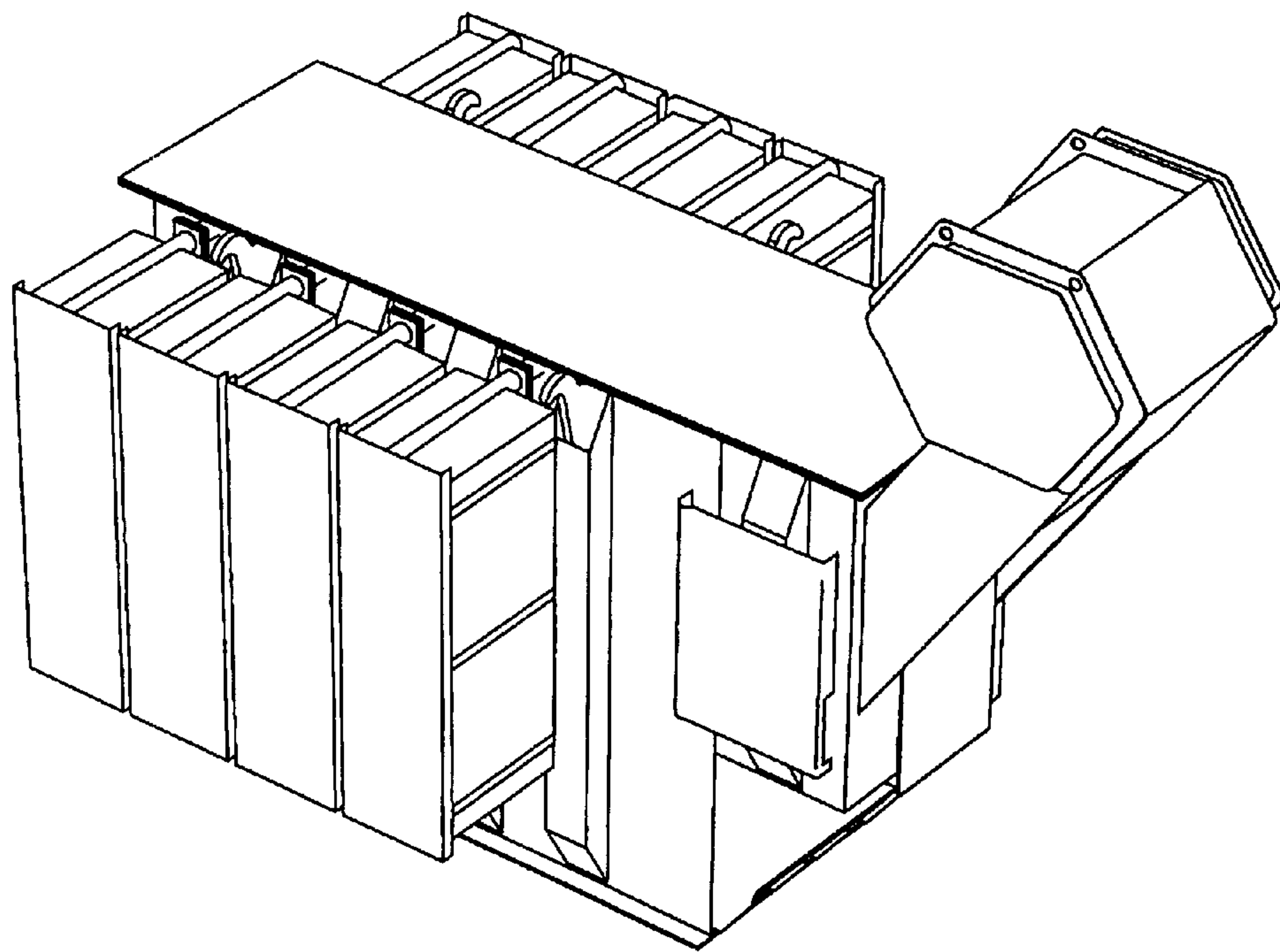


Fig. 5

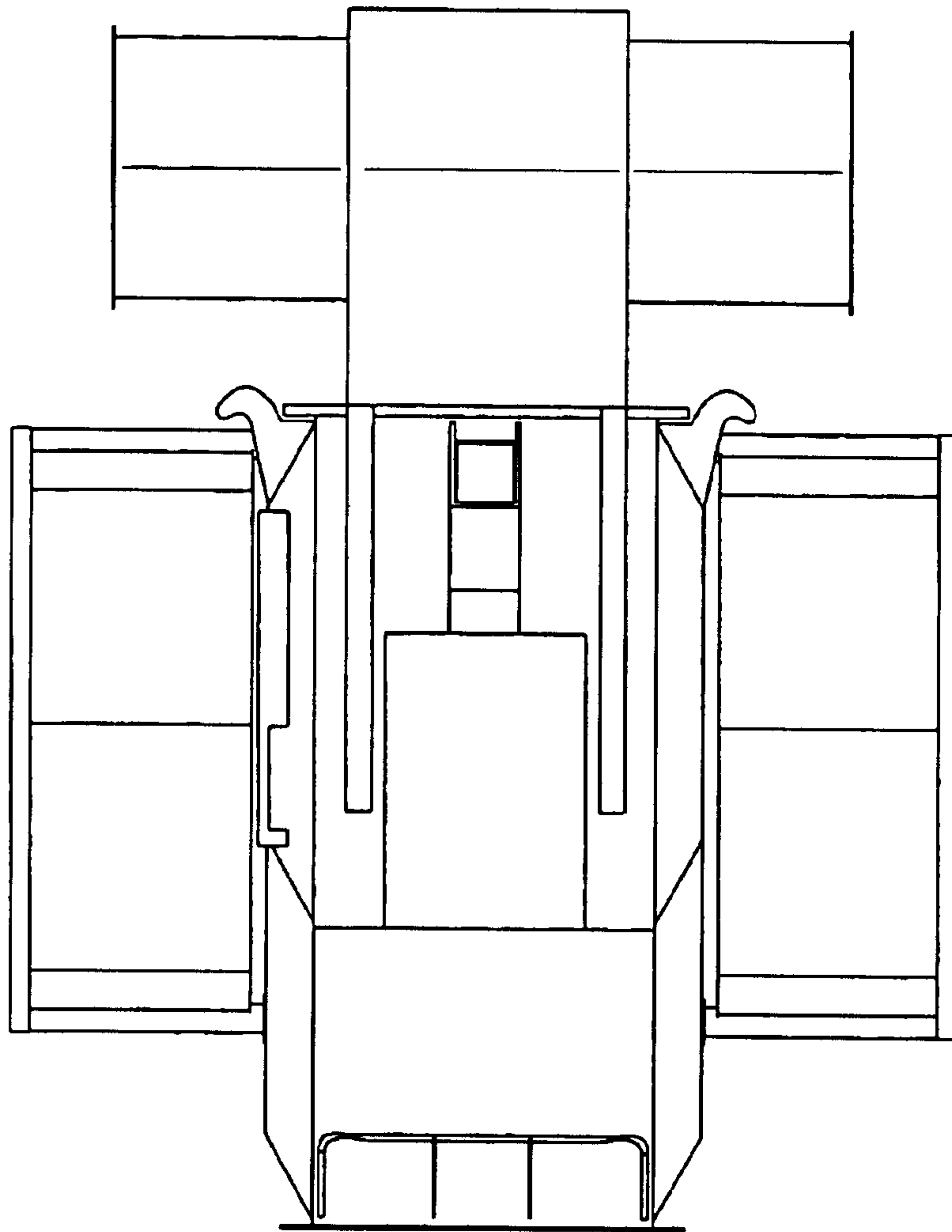


Fig. 6

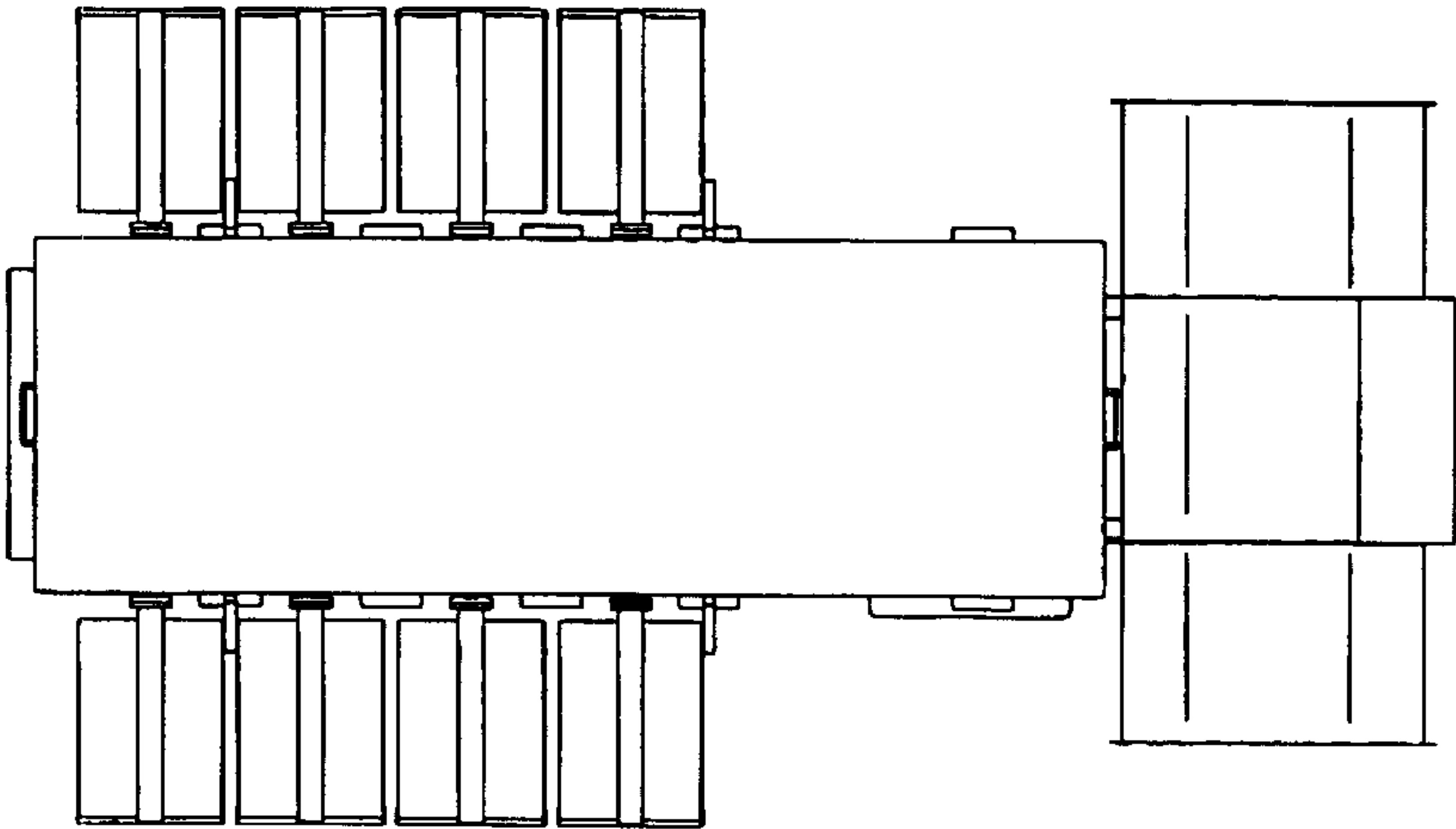


Fig. 7

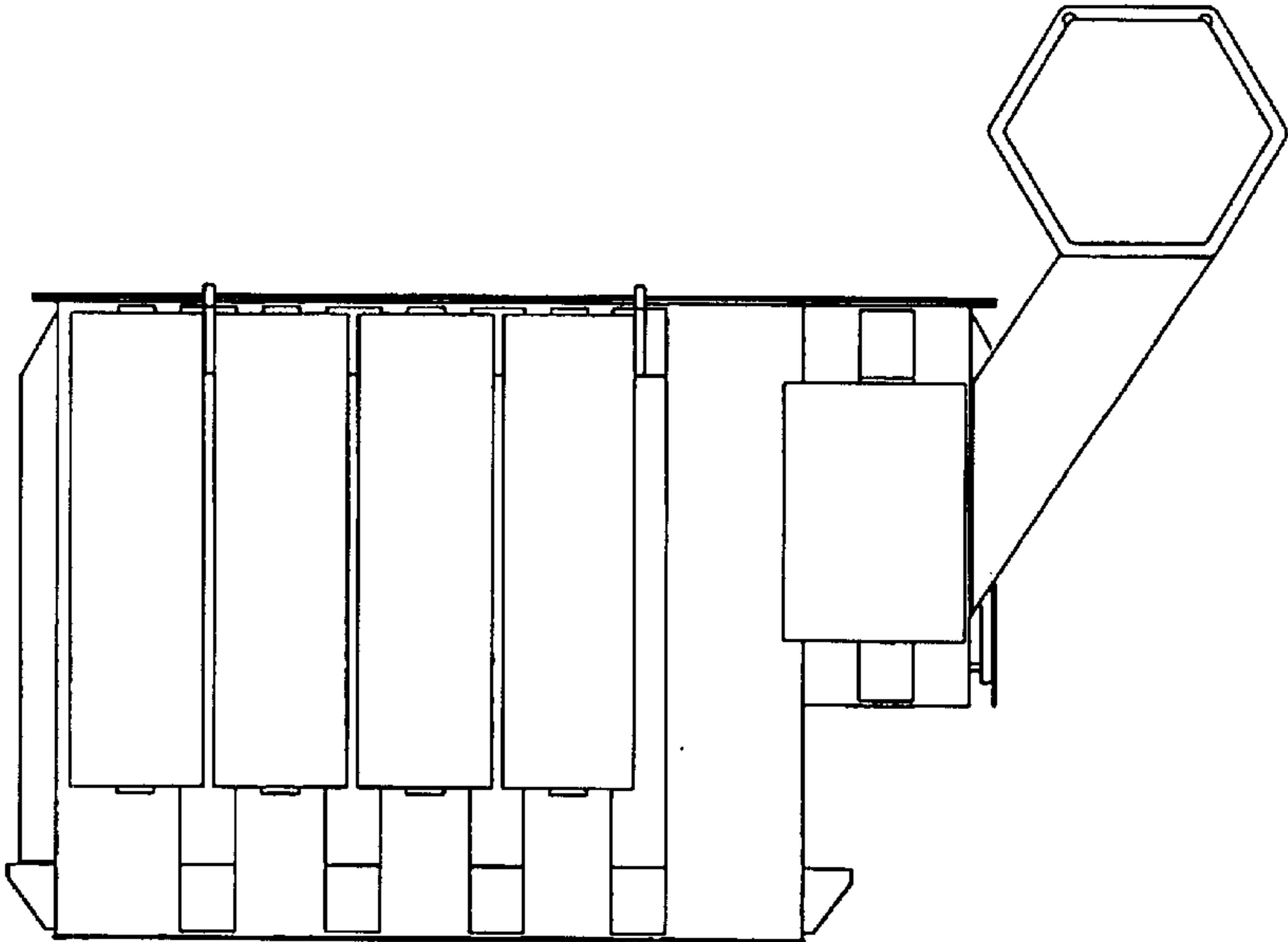


Fig. 8

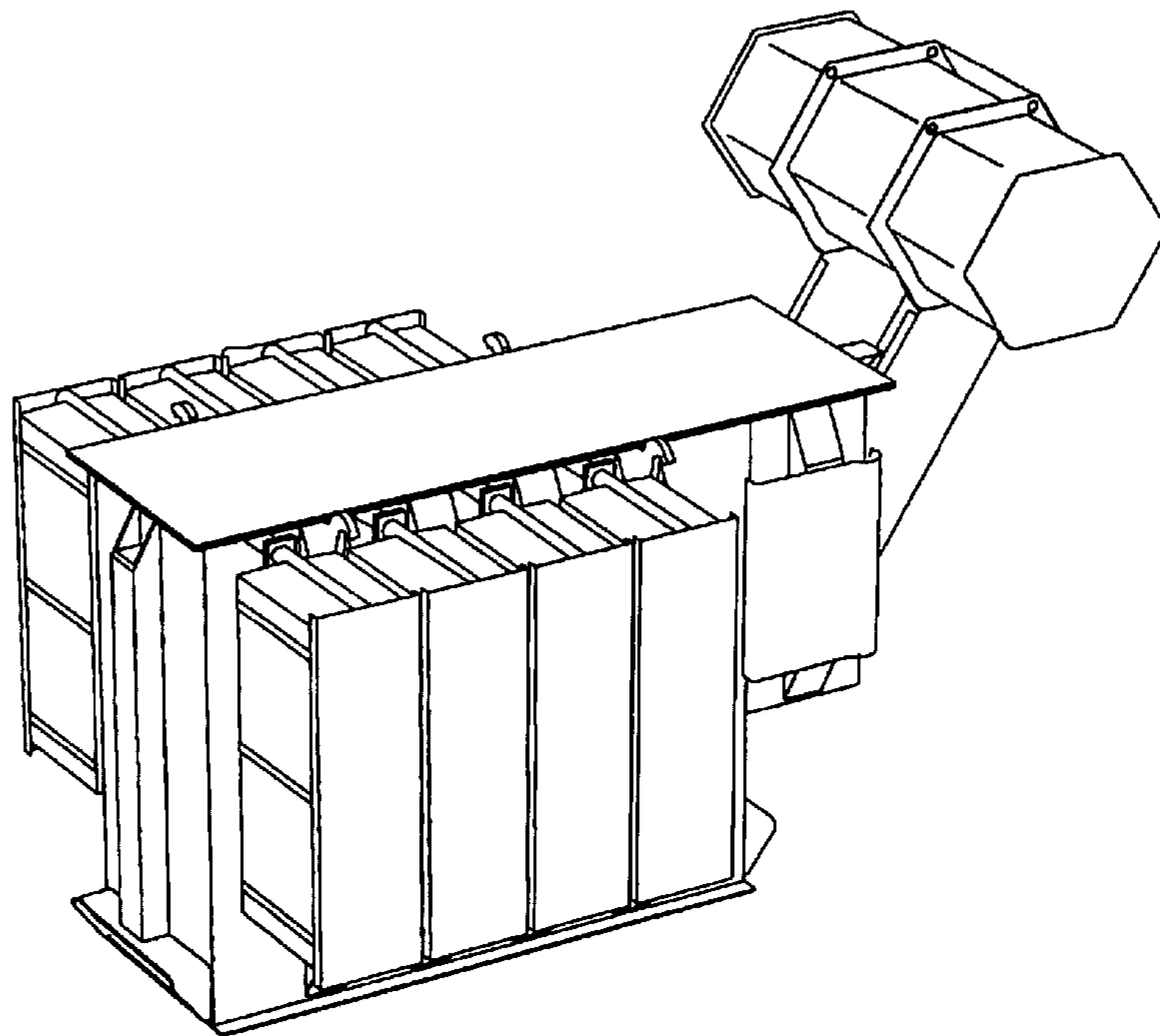


Fig. 9

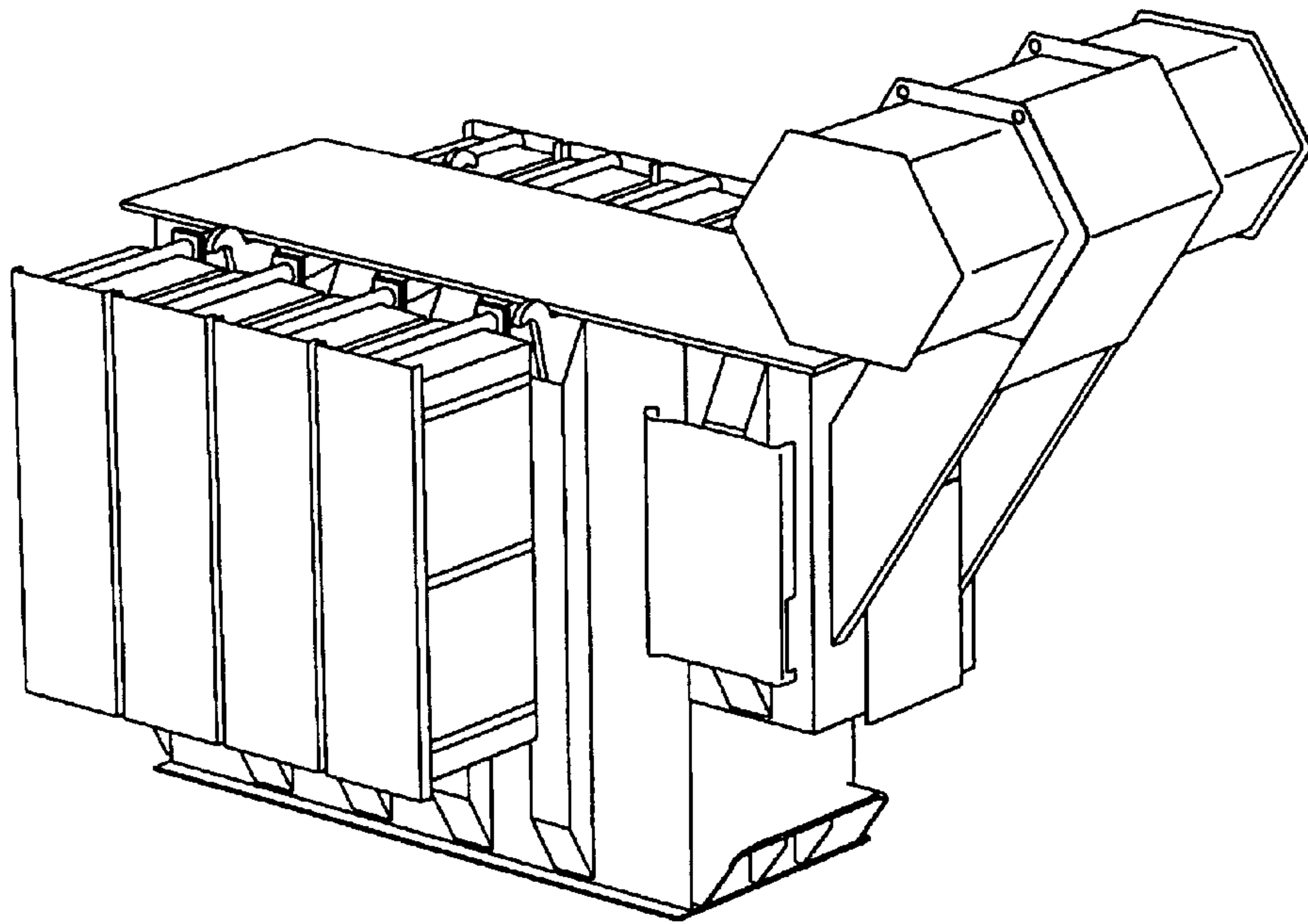


Fig. 10

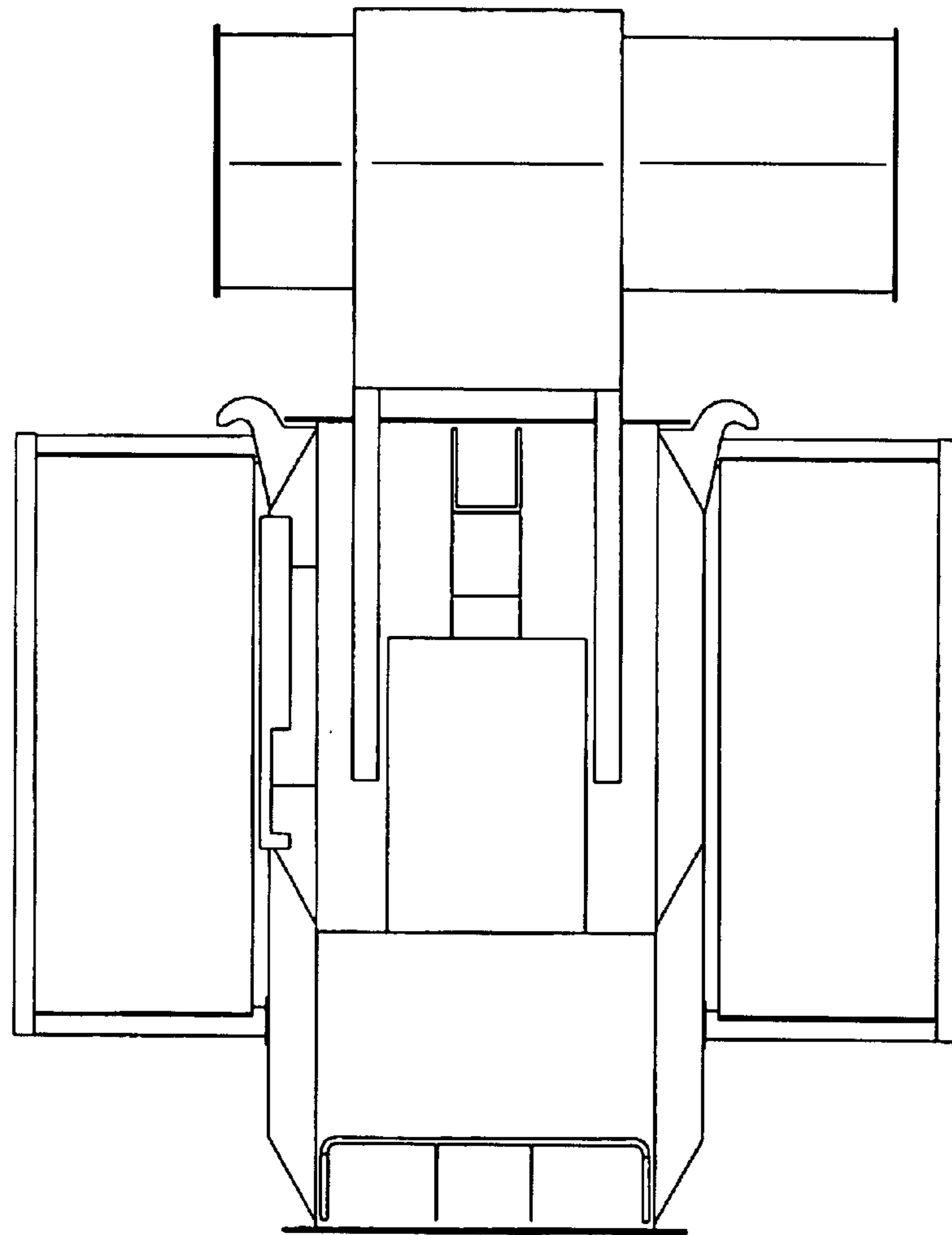


Fig. 11

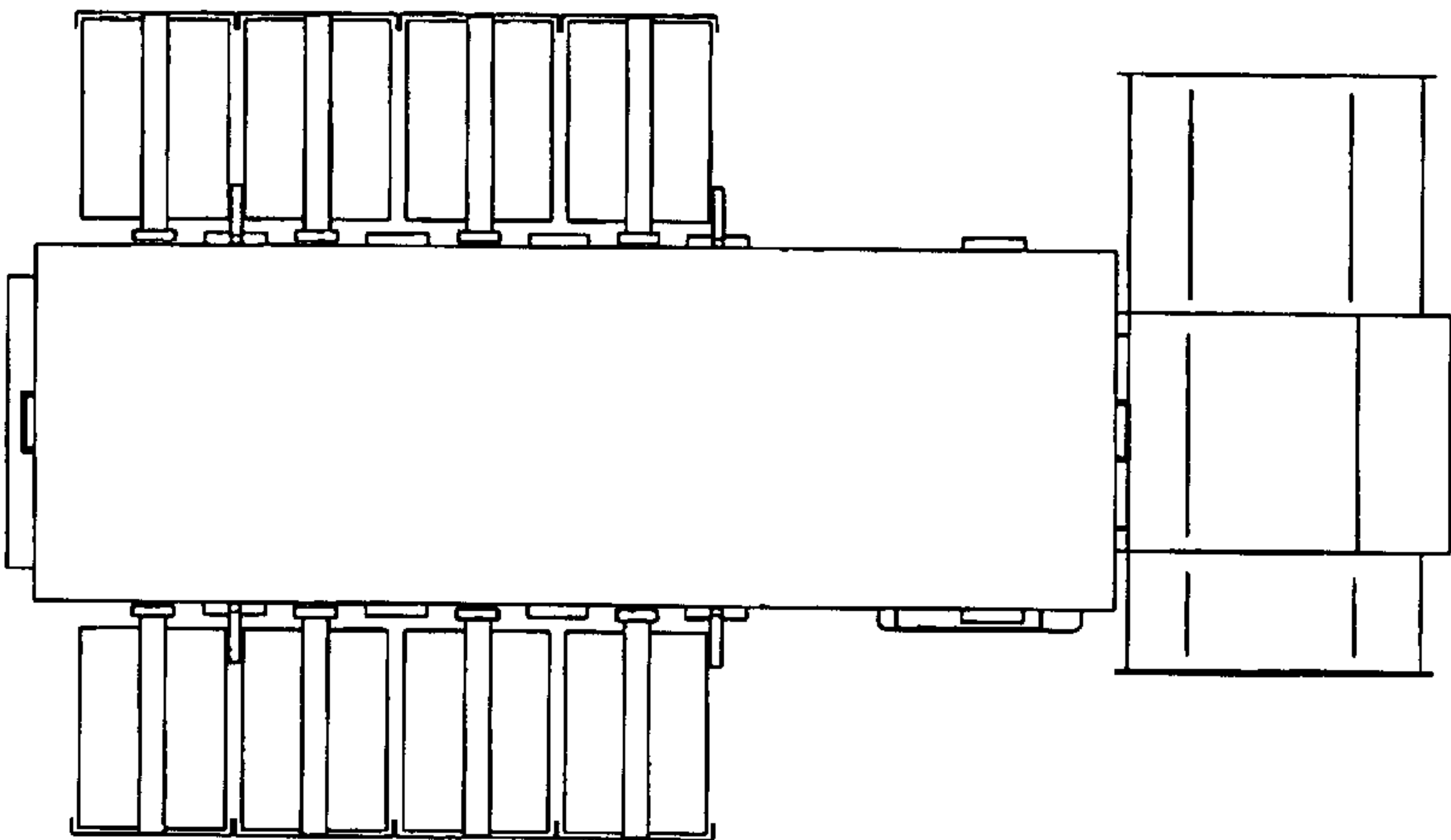


Fig. 12

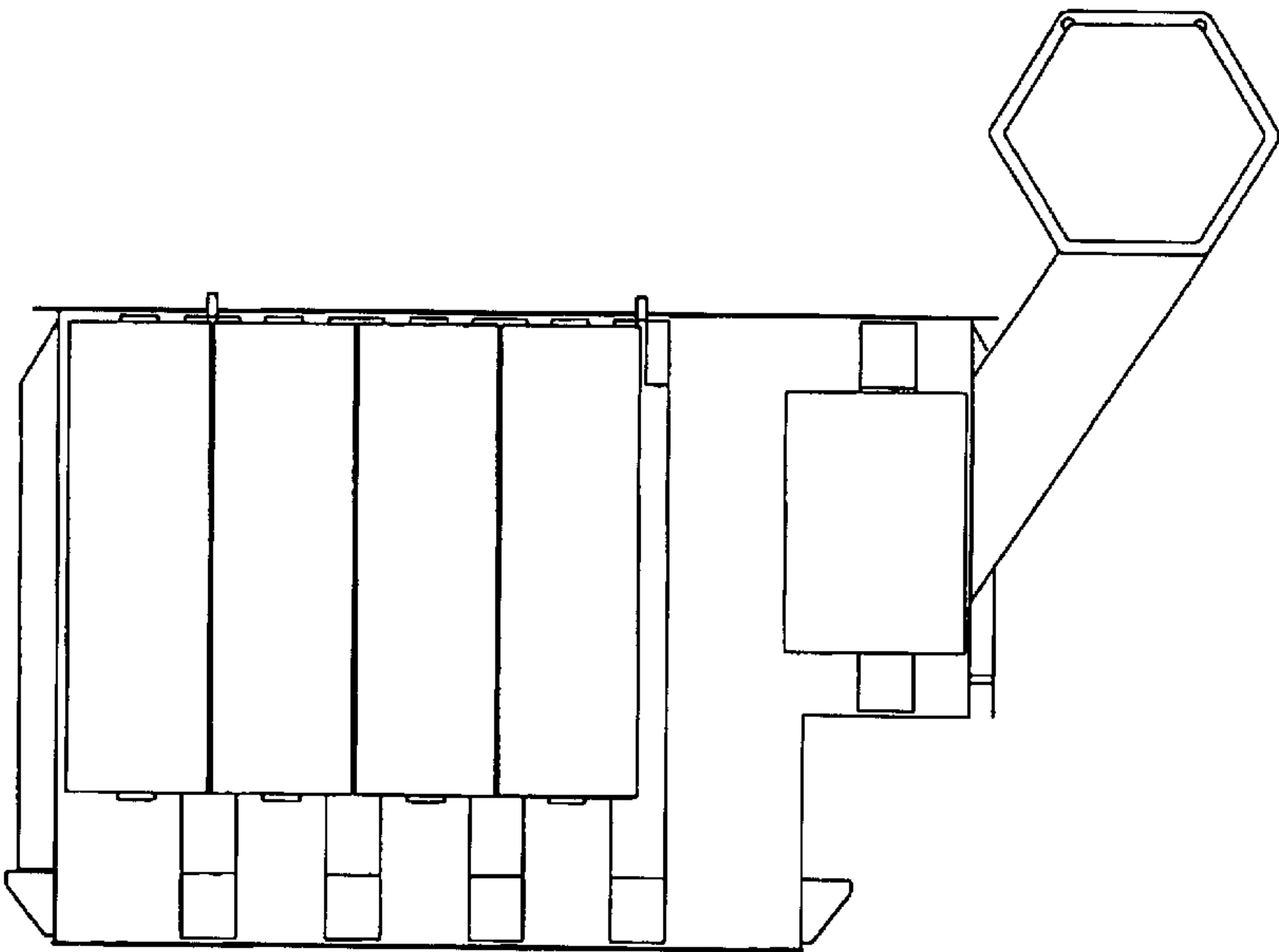


Fig. 13

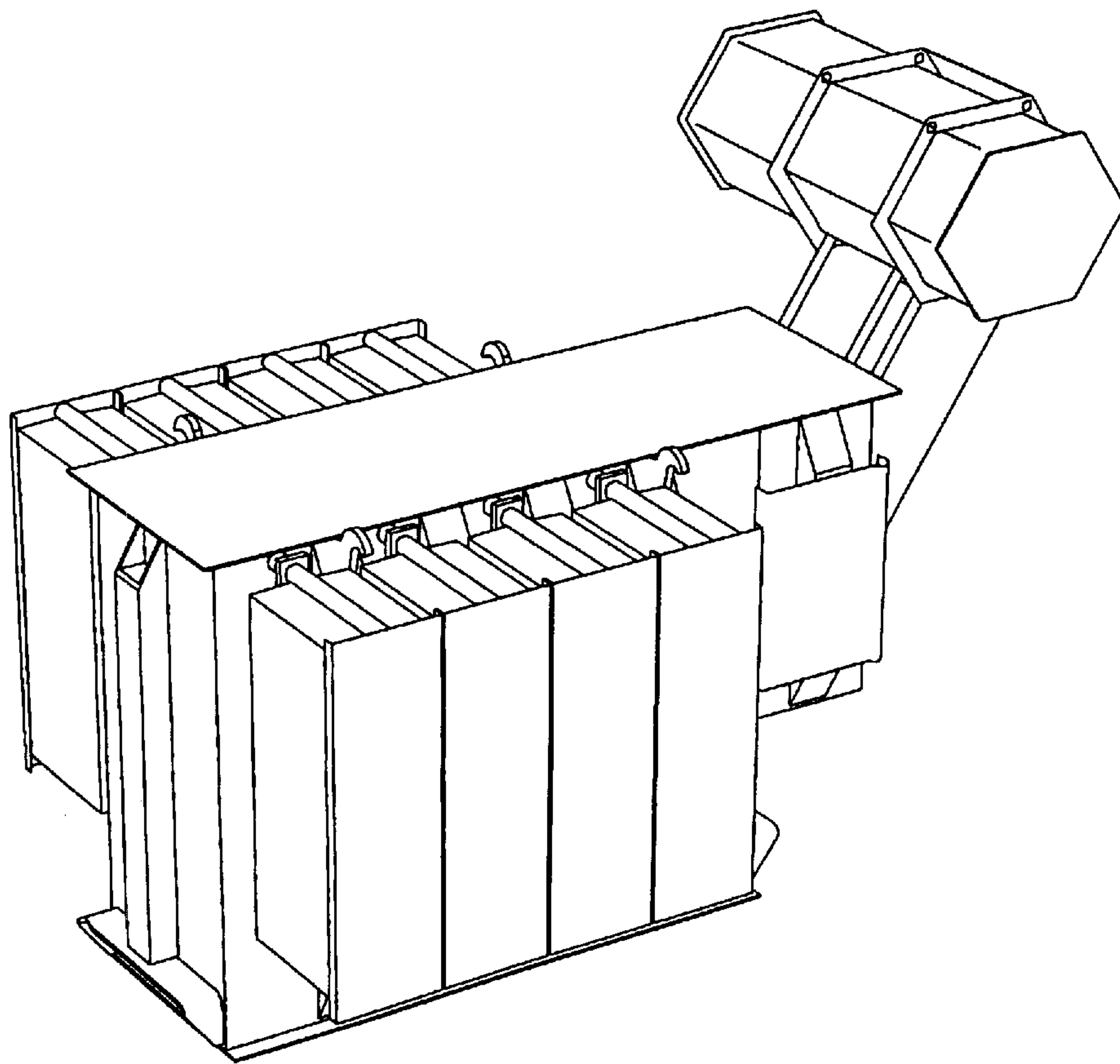


Fig. 14

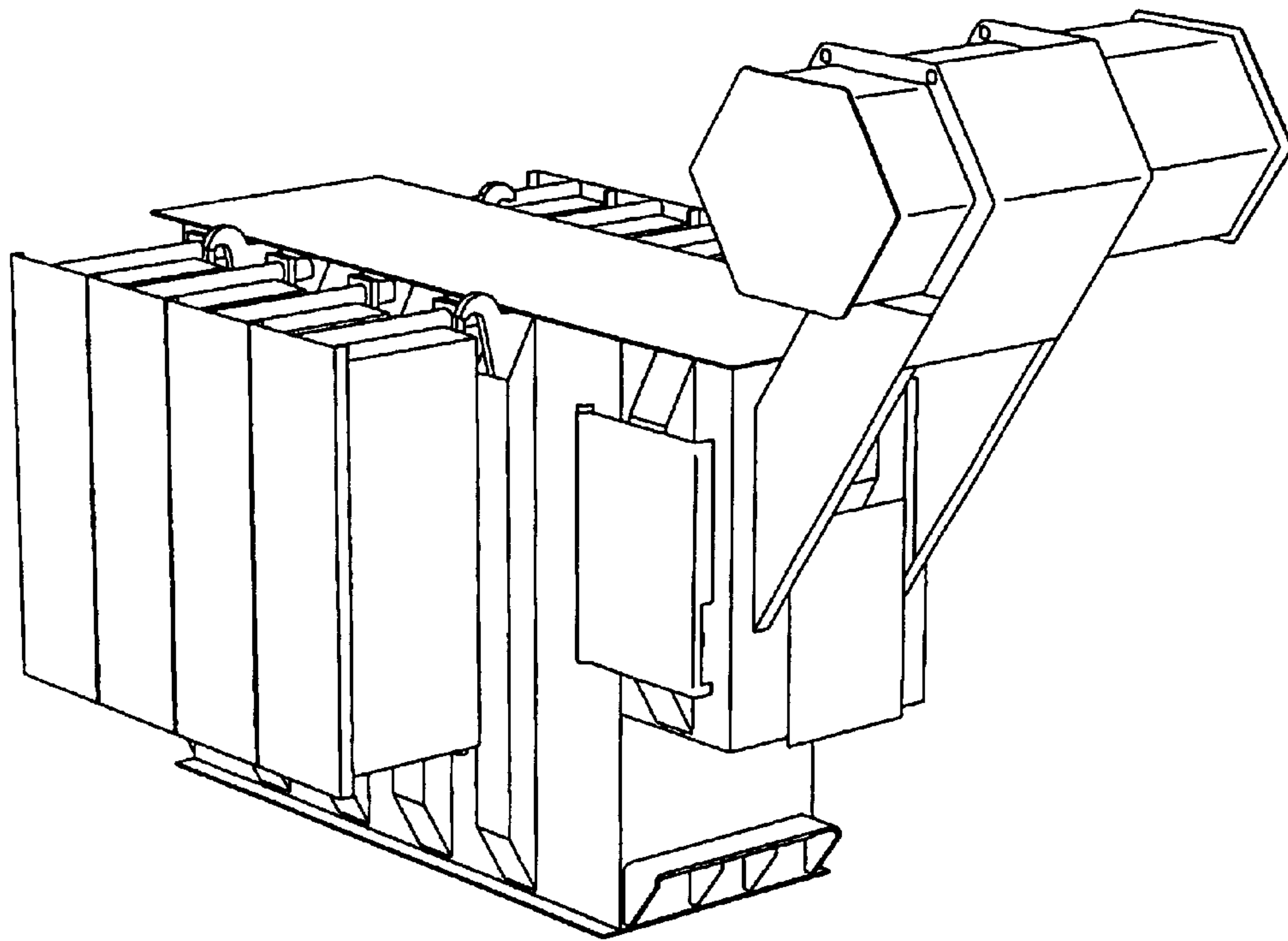


Fig. 15

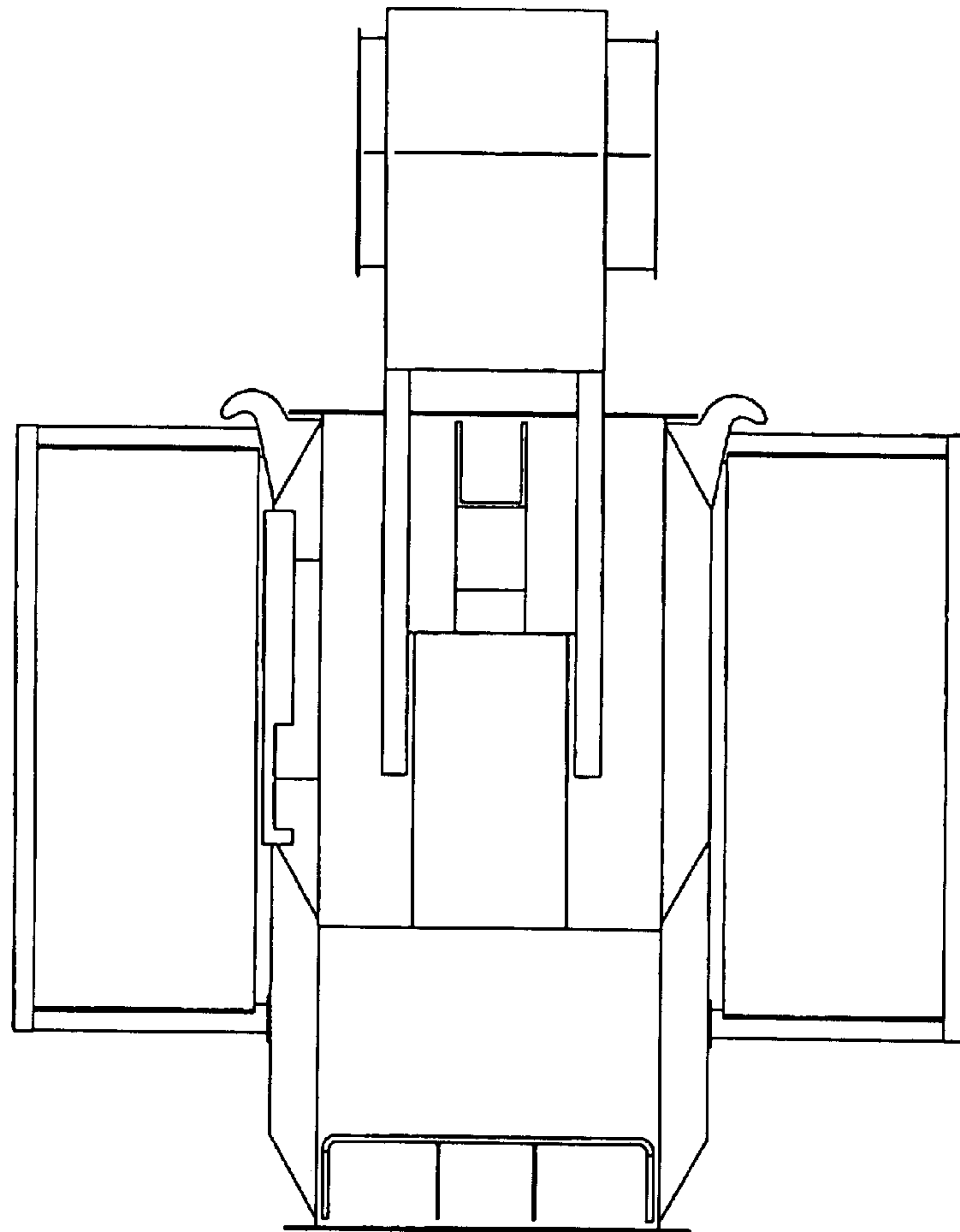


Fig. 16

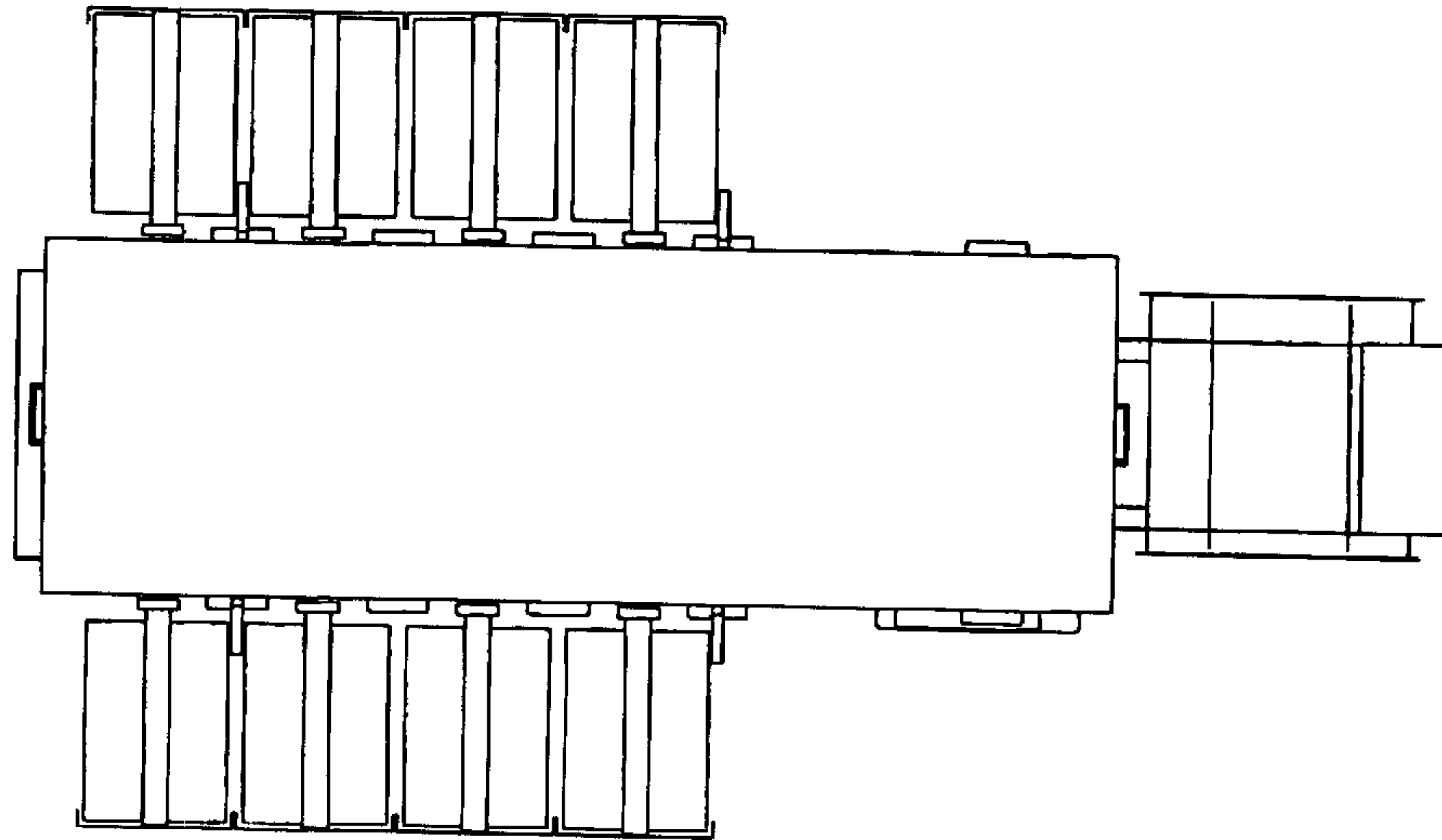


Fig. 17

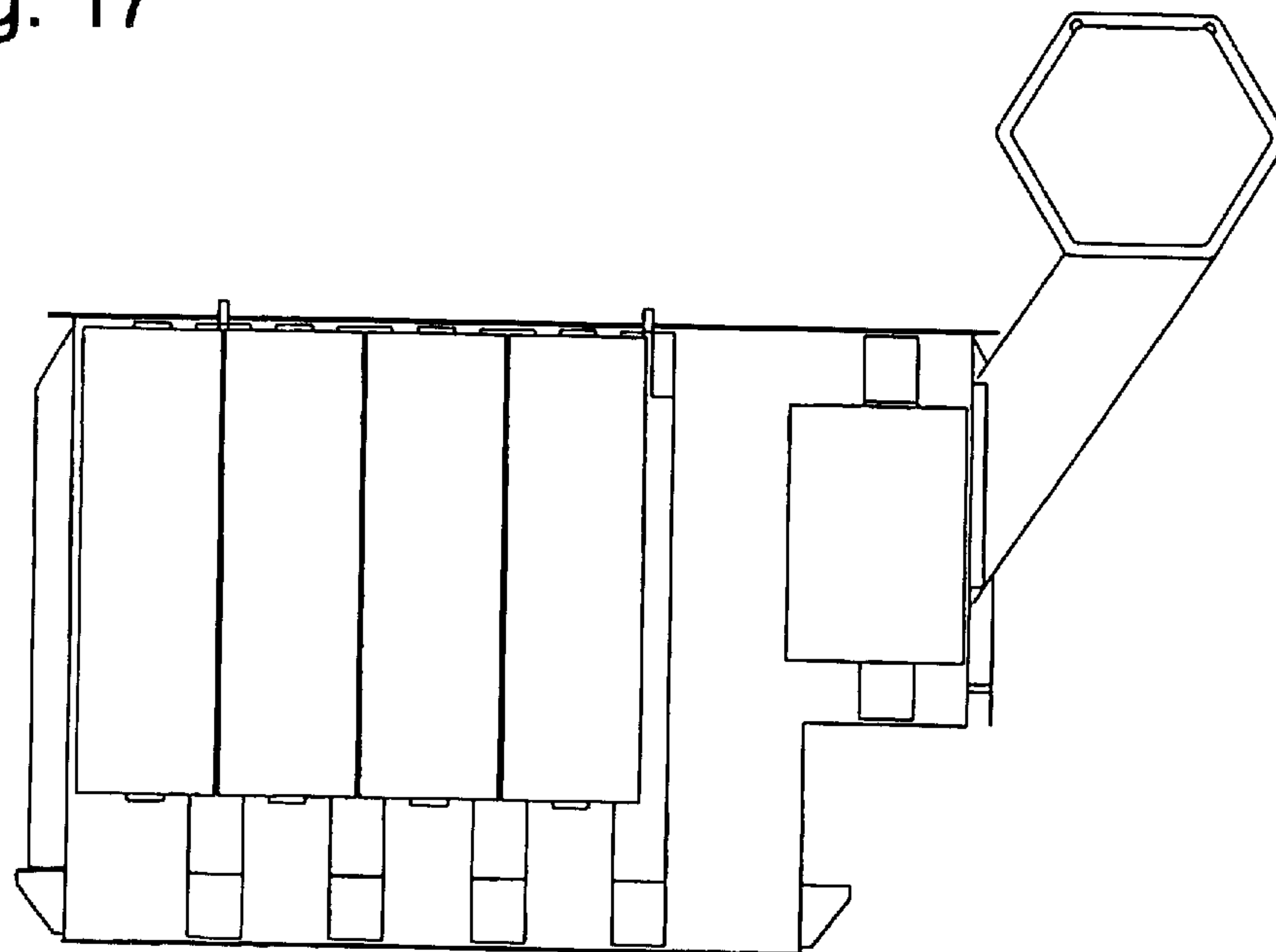


Fig. 18

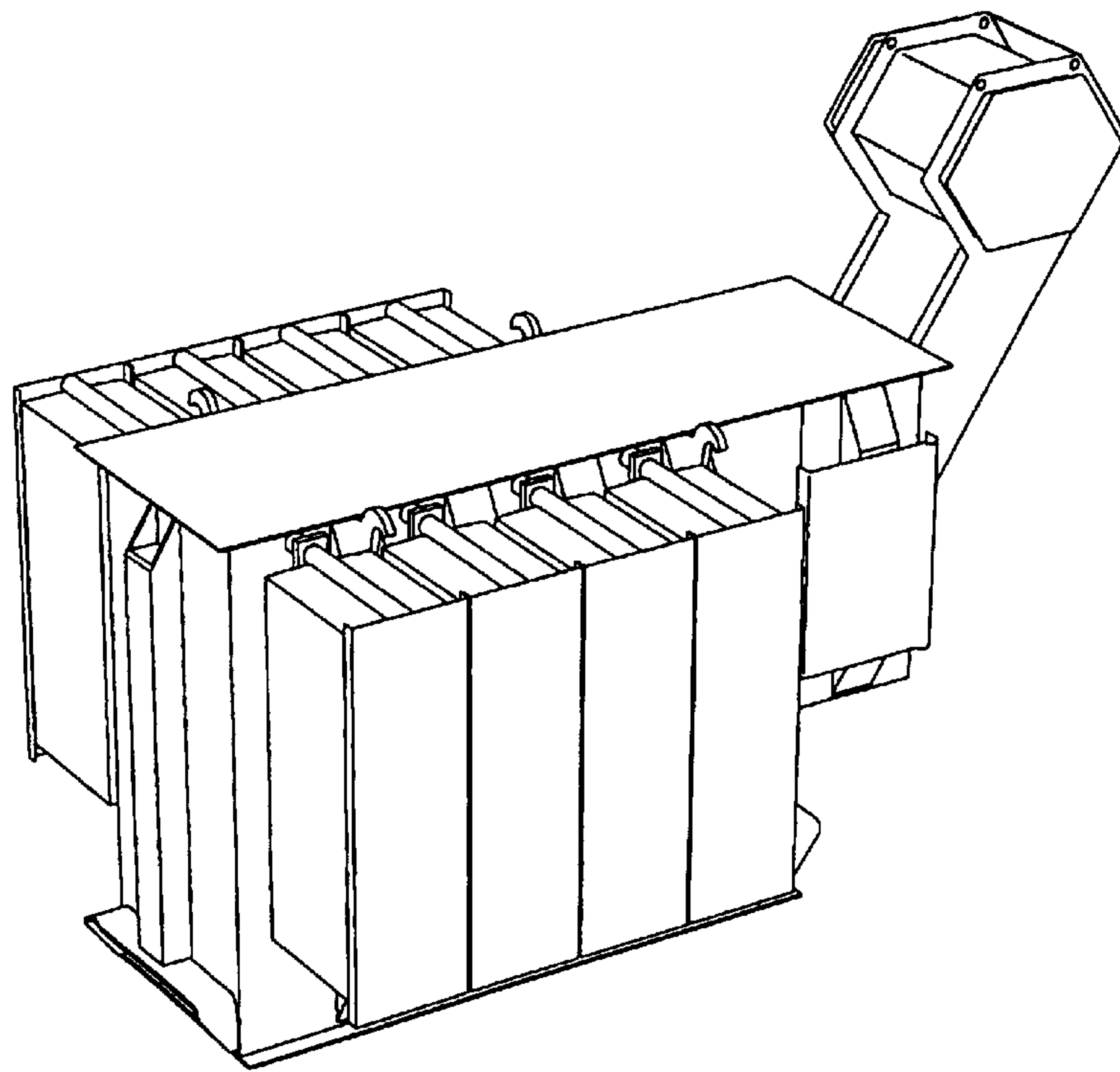


Fig. 19

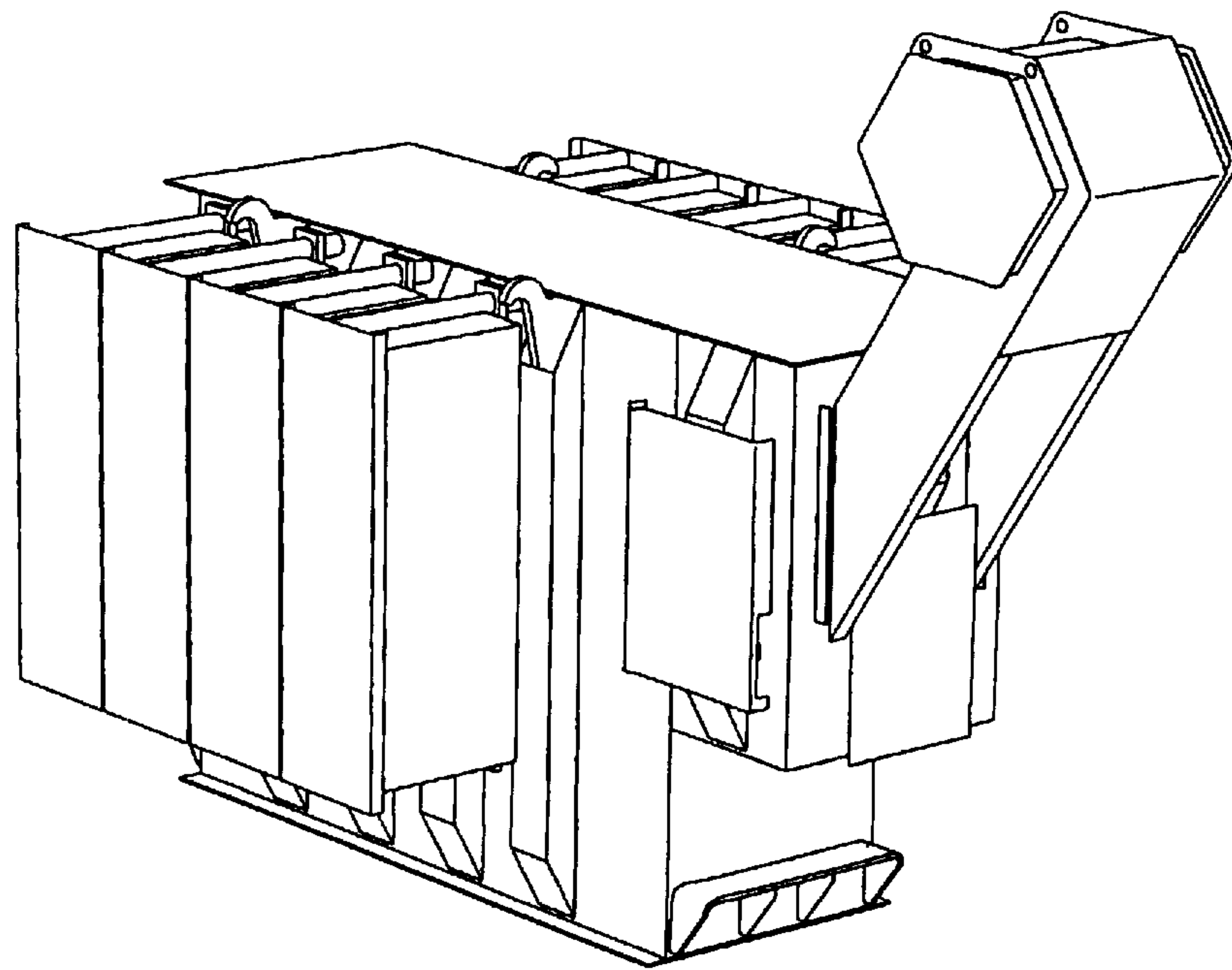


Fig. 20

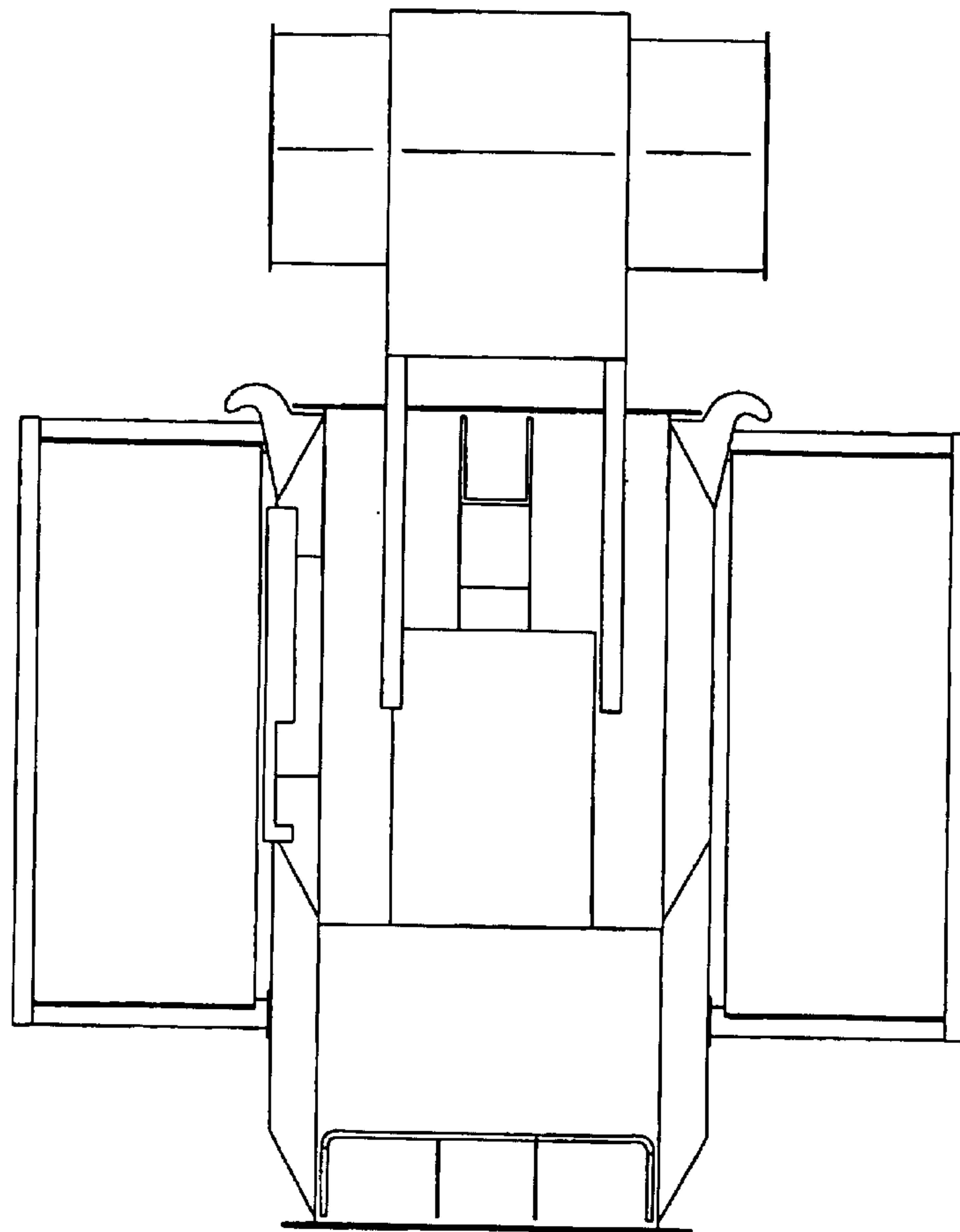


Fig. 21

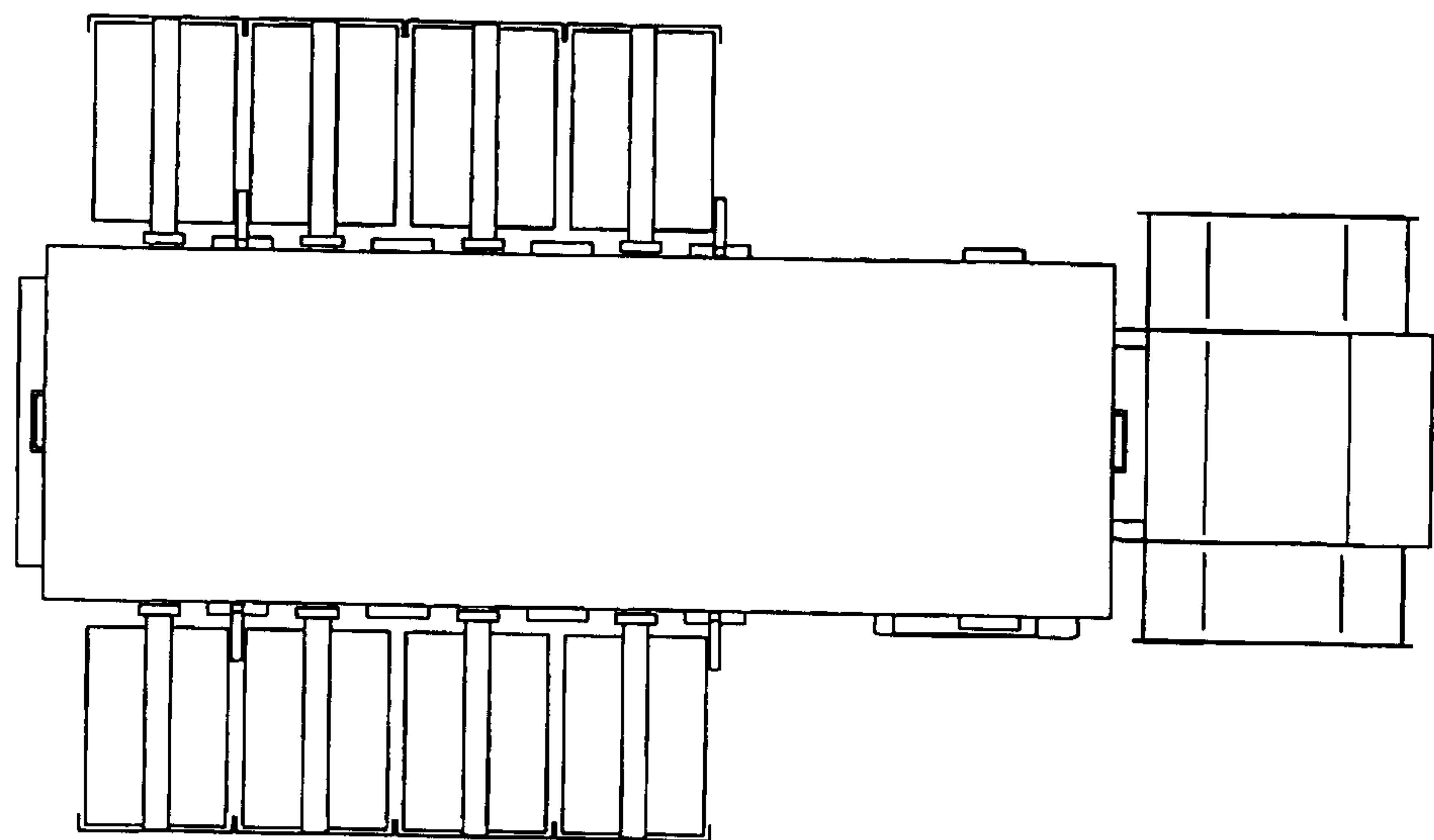


Fig. 22

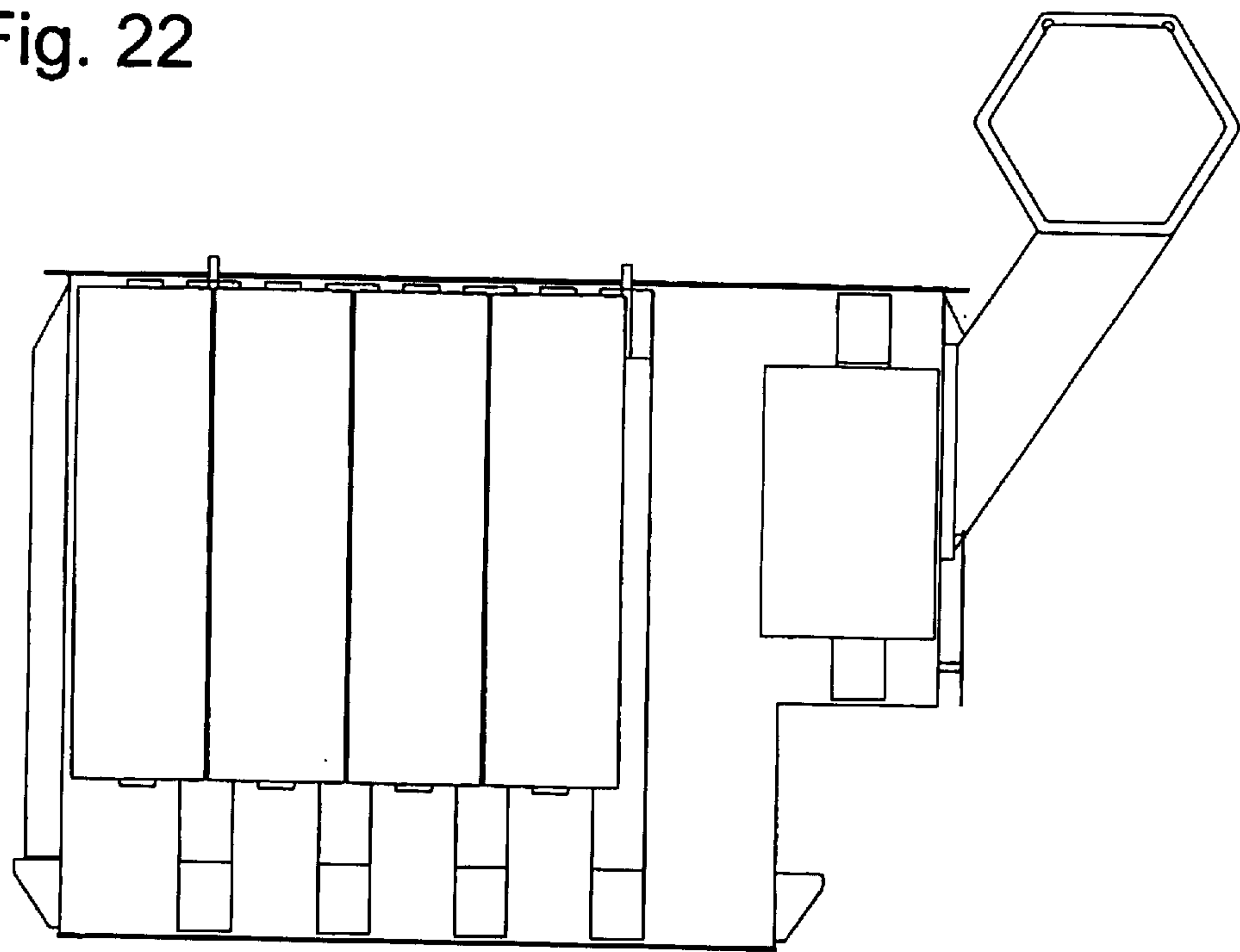


Fig. 23

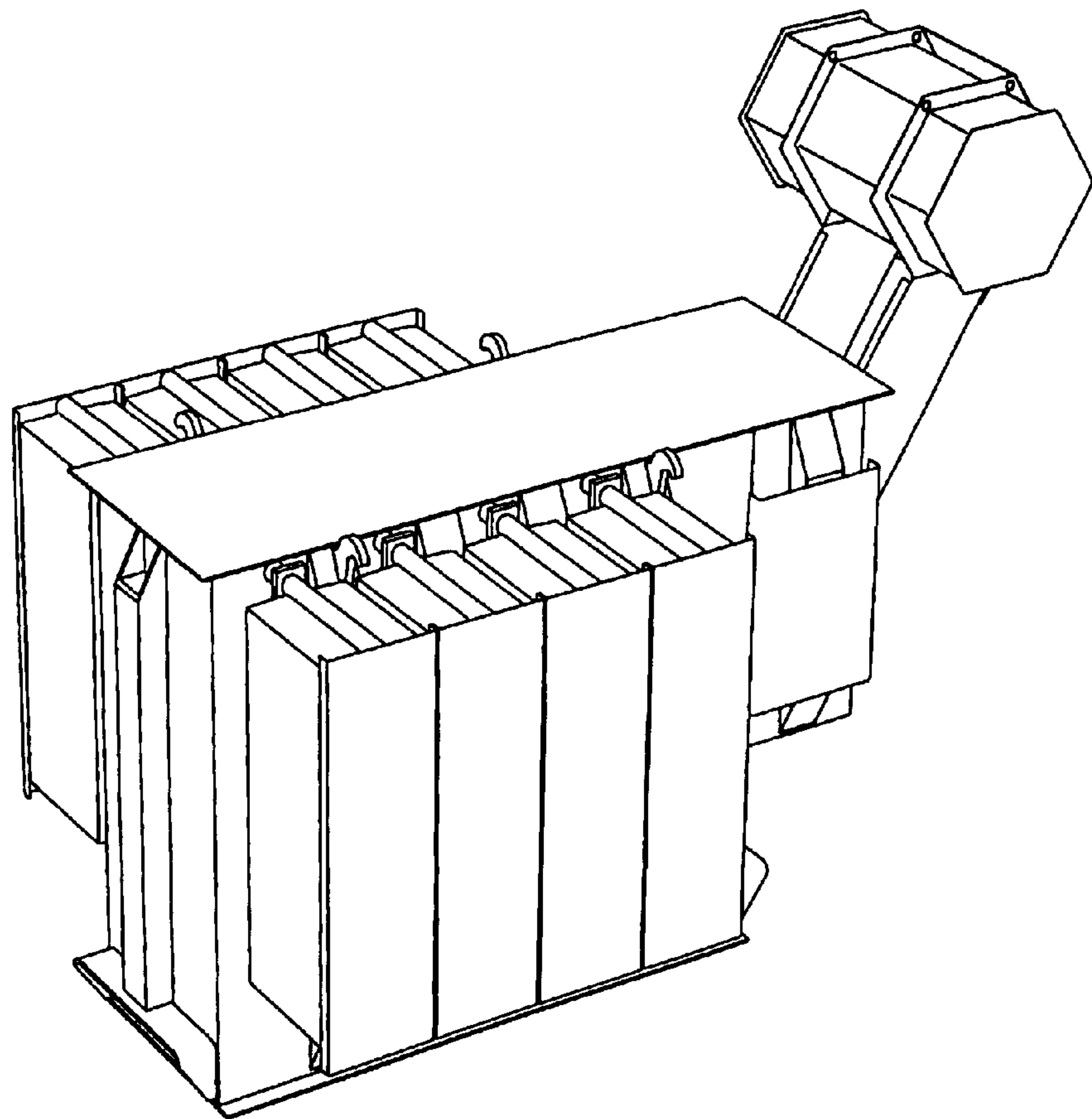


Fig. 24

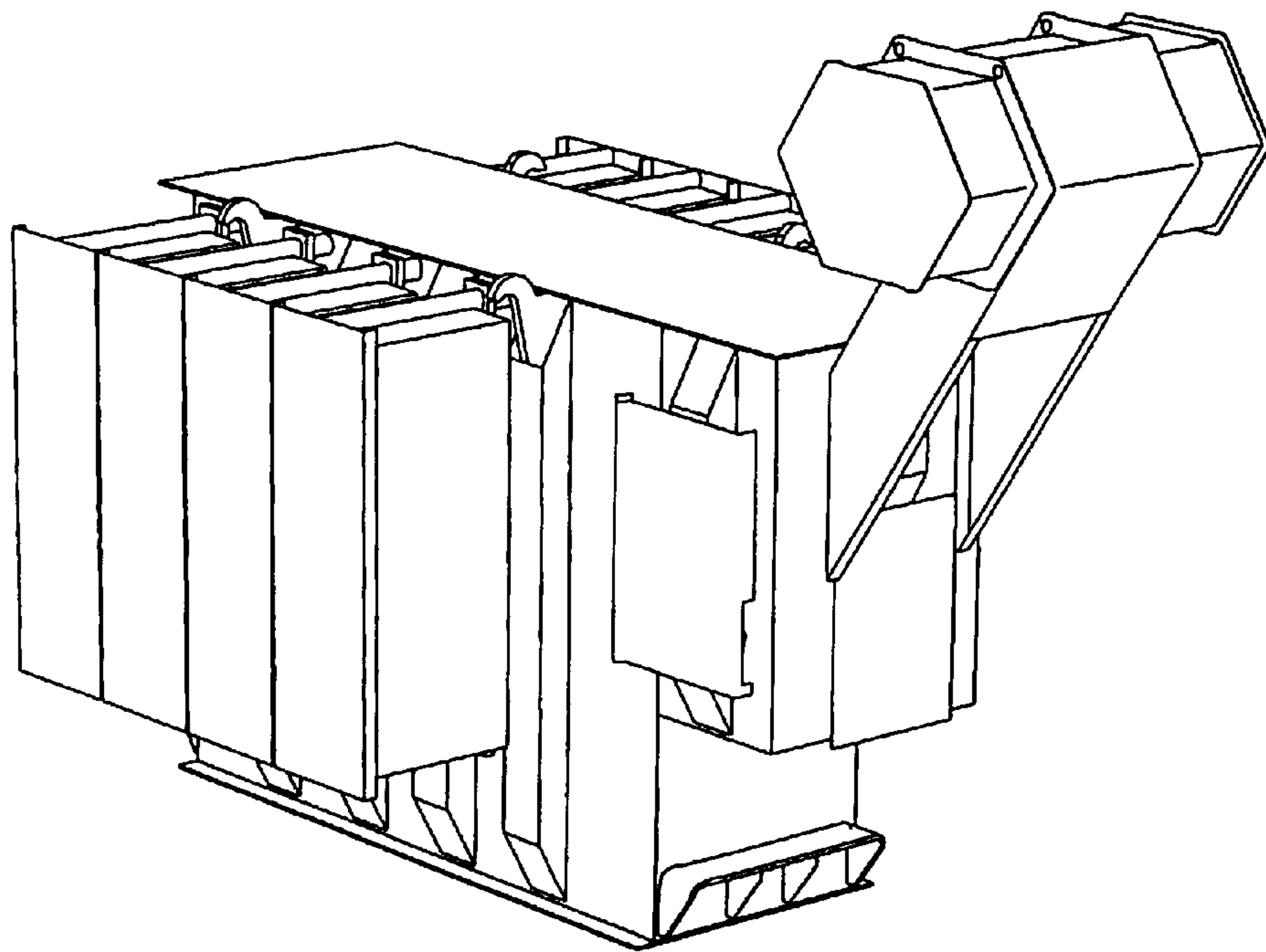


Fig. 25

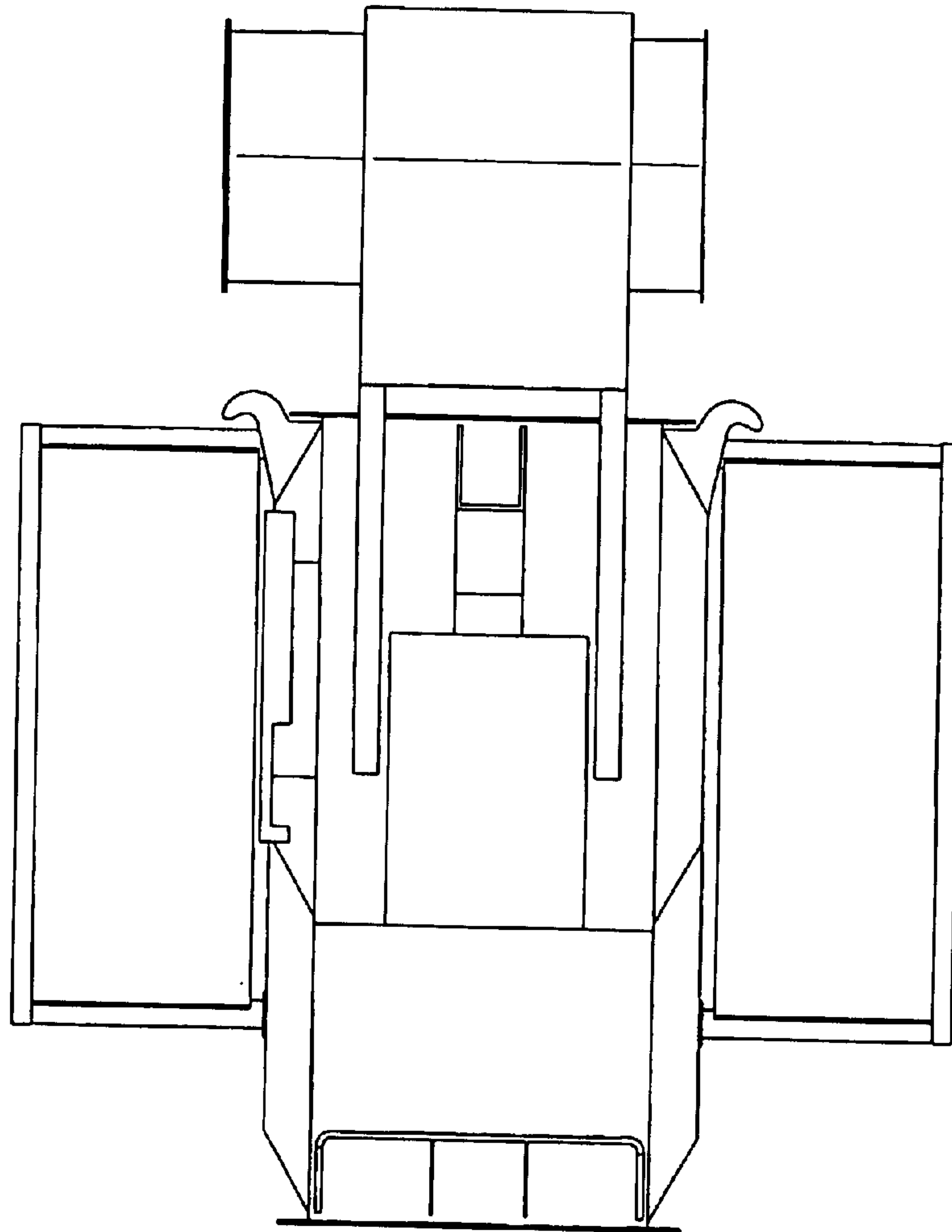


Fig. 26

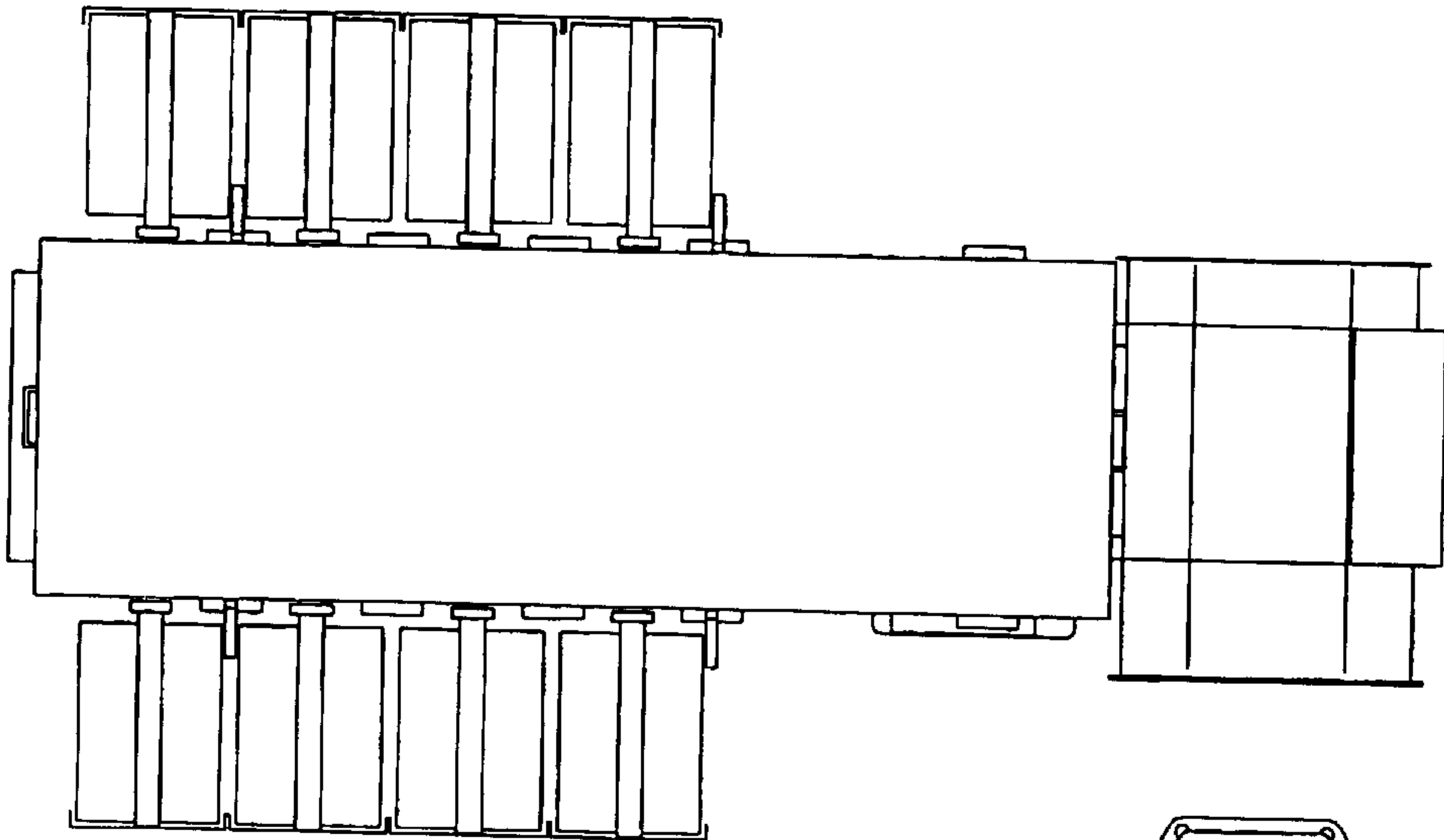


Fig. 27

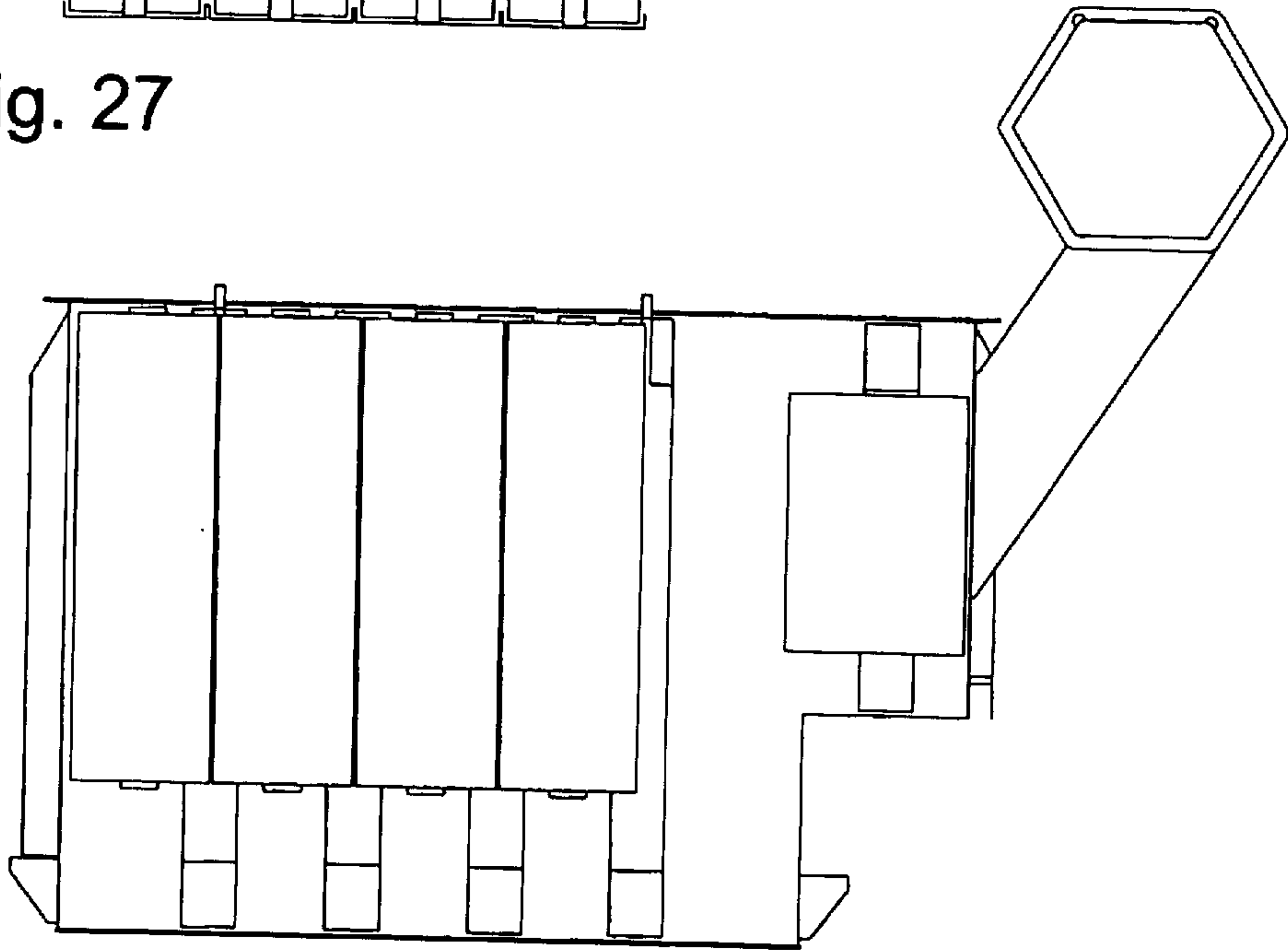


Fig. 28

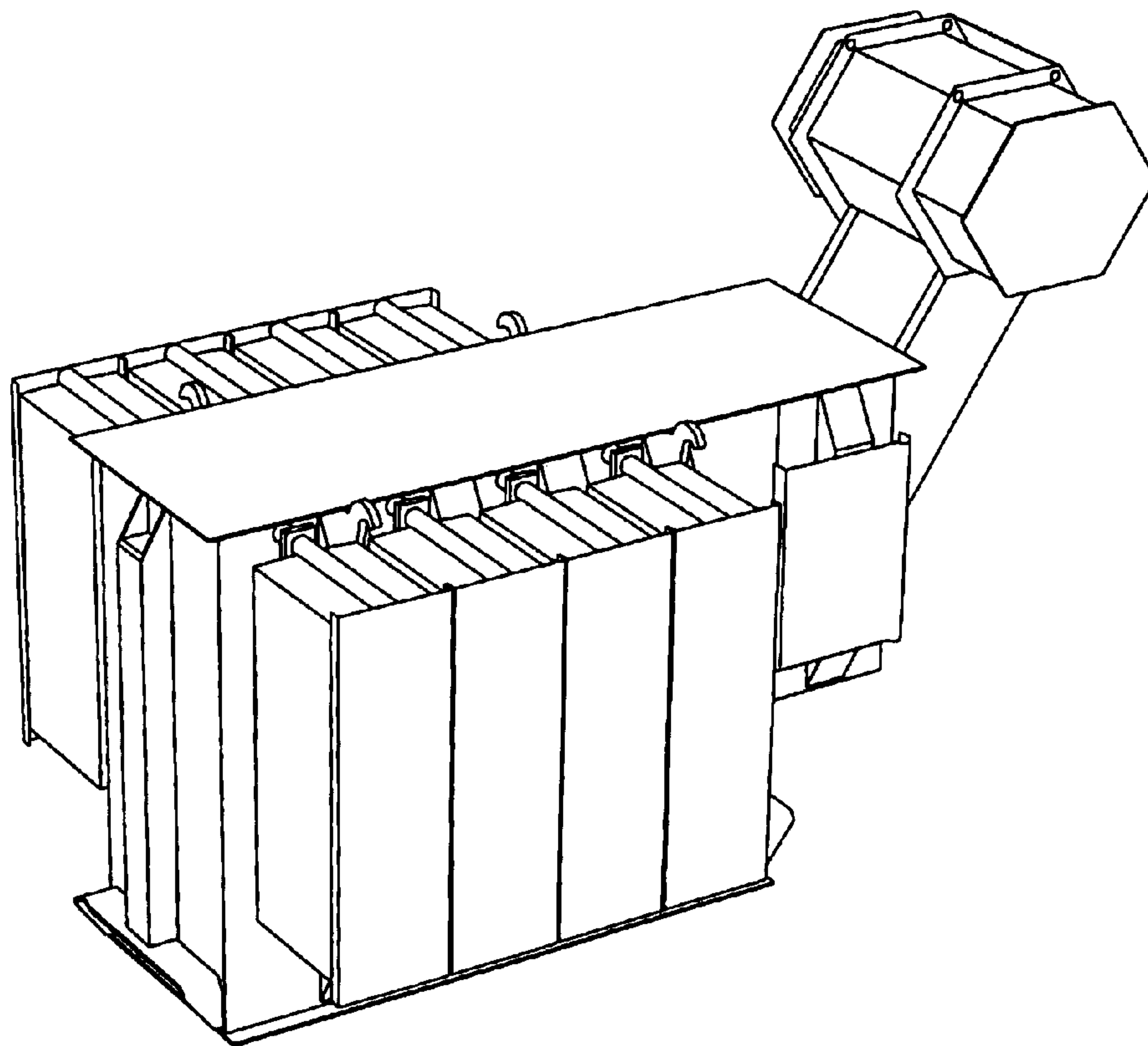


Fig. 29

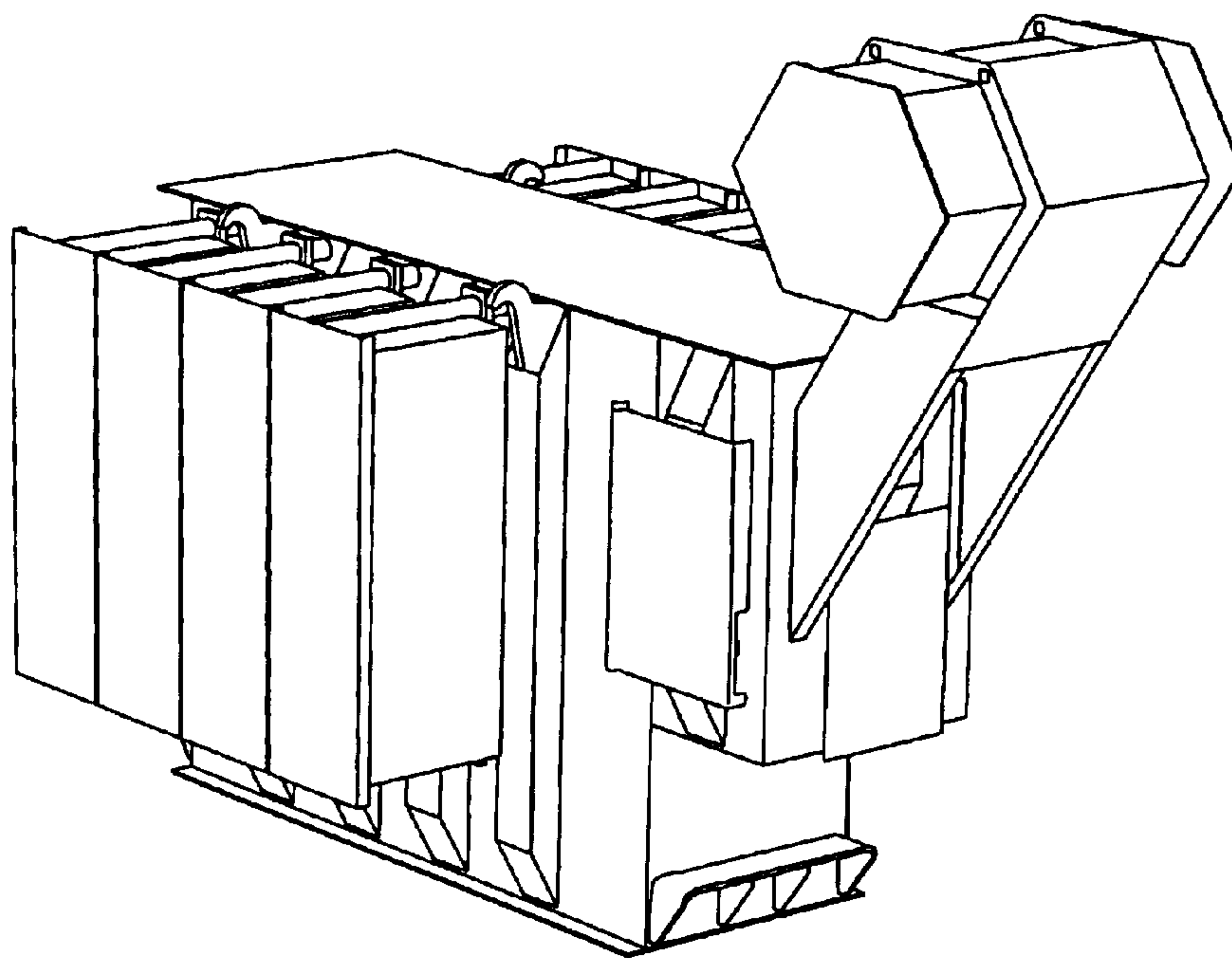


Fig. 30

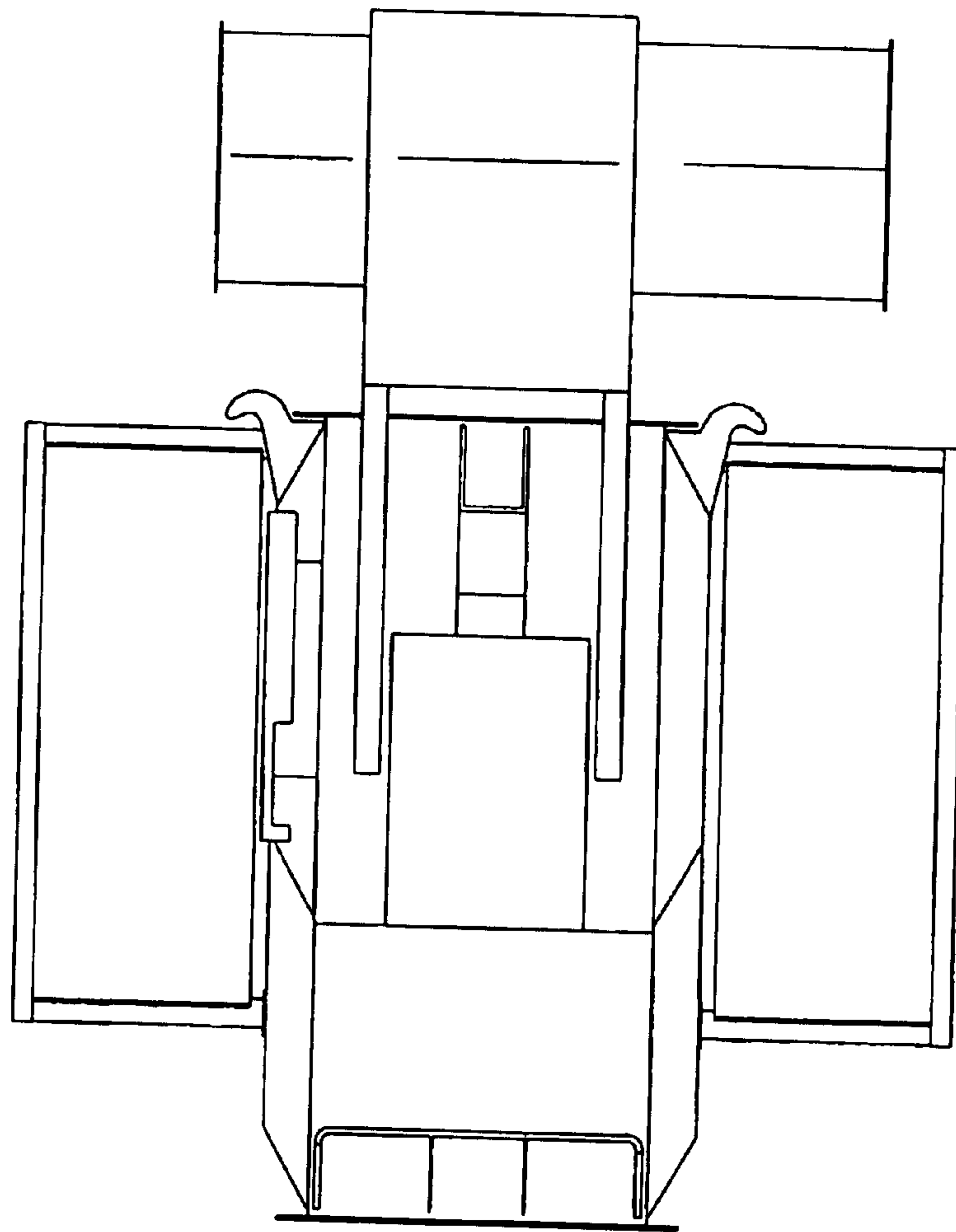


Fig. 31

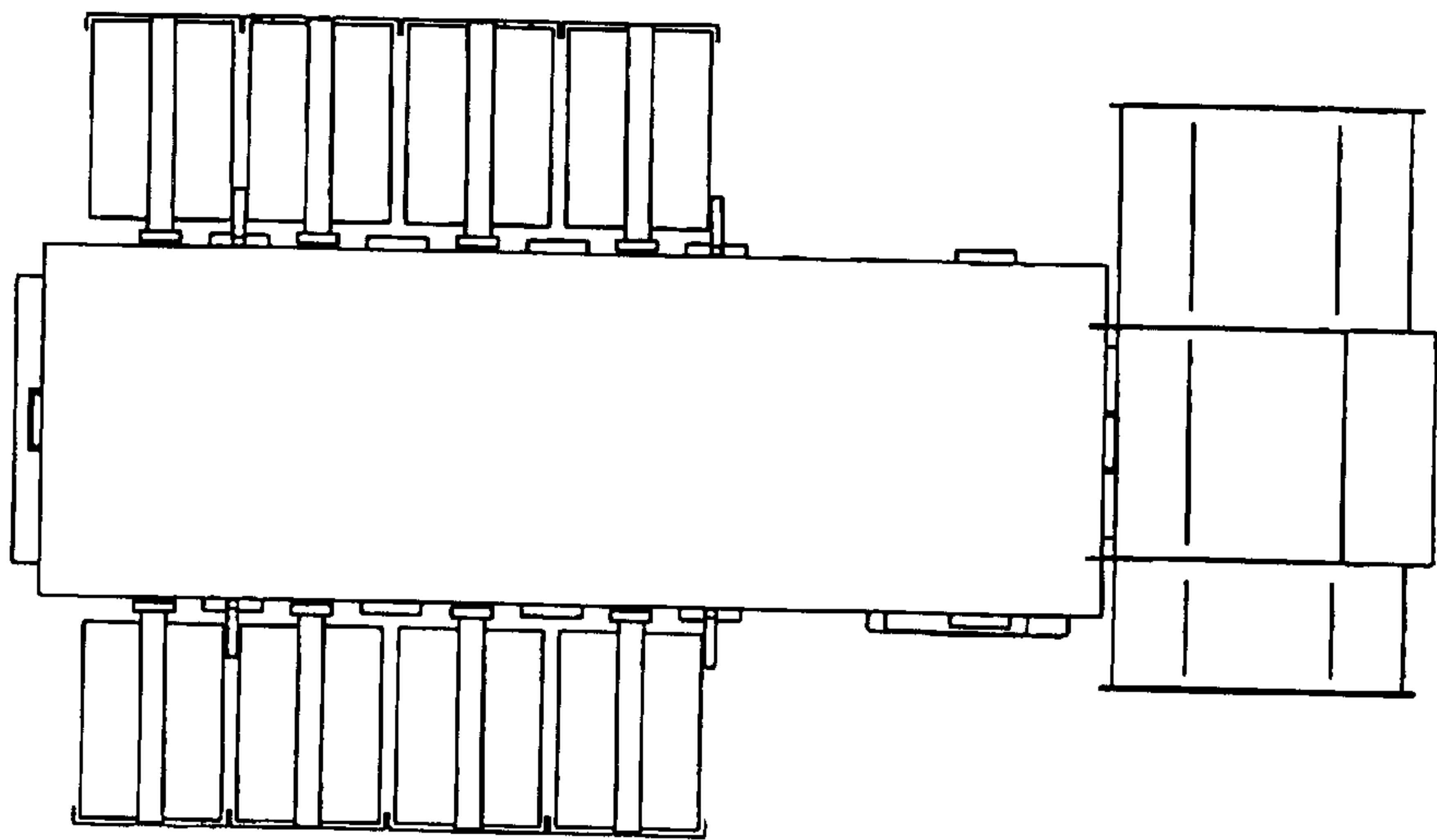


Fig. 32

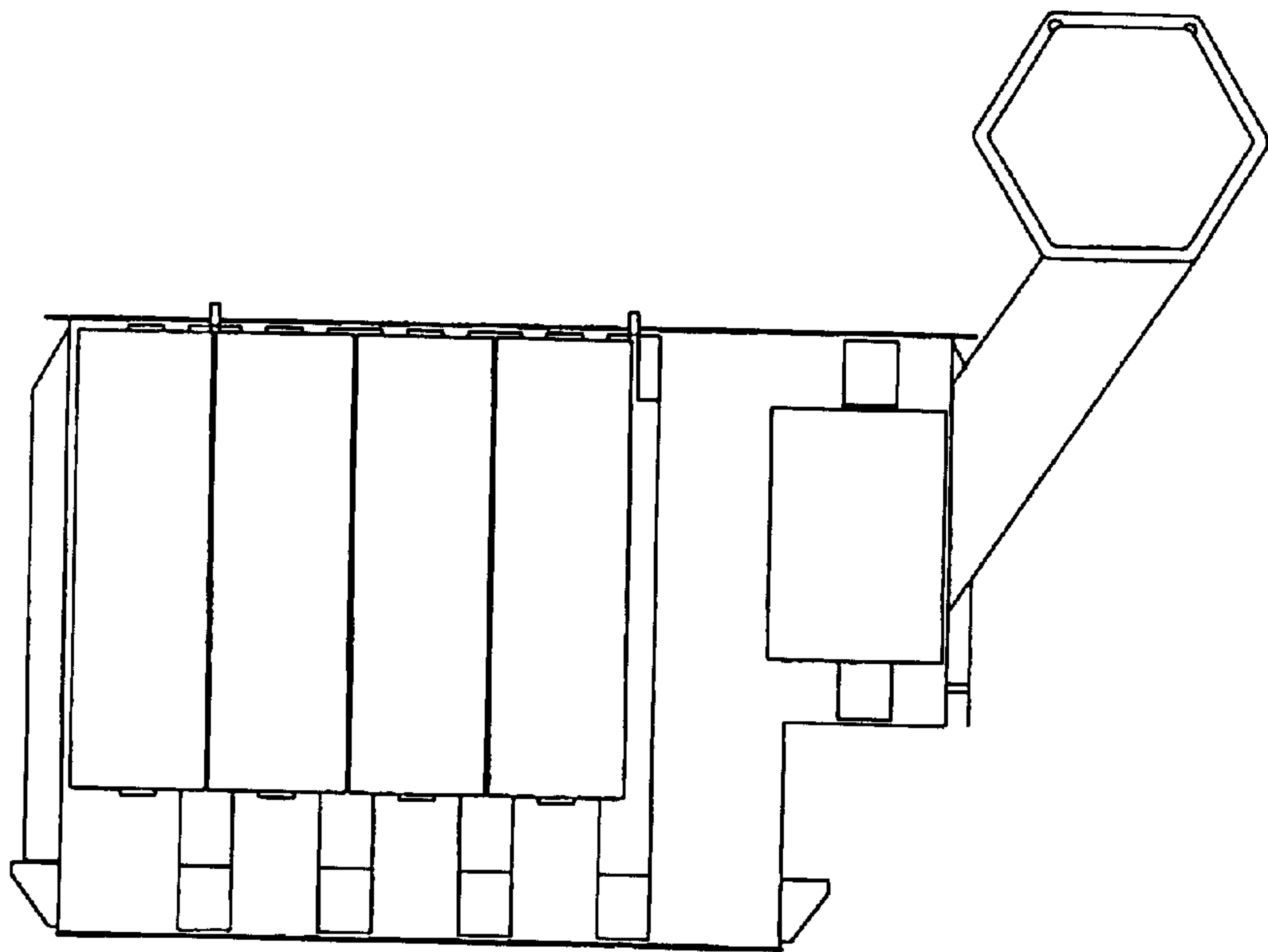


Fig. 33

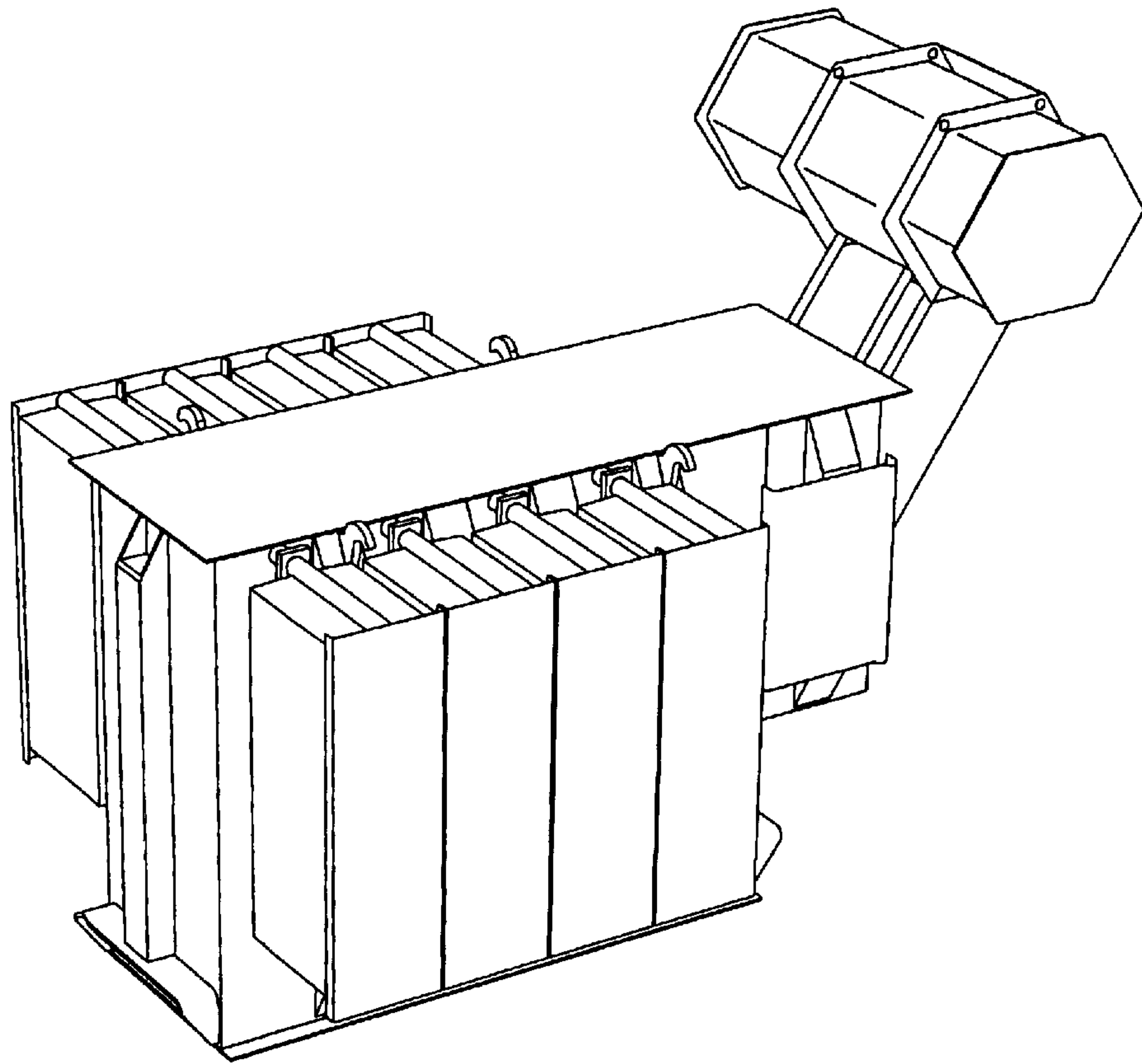


Fig. 34

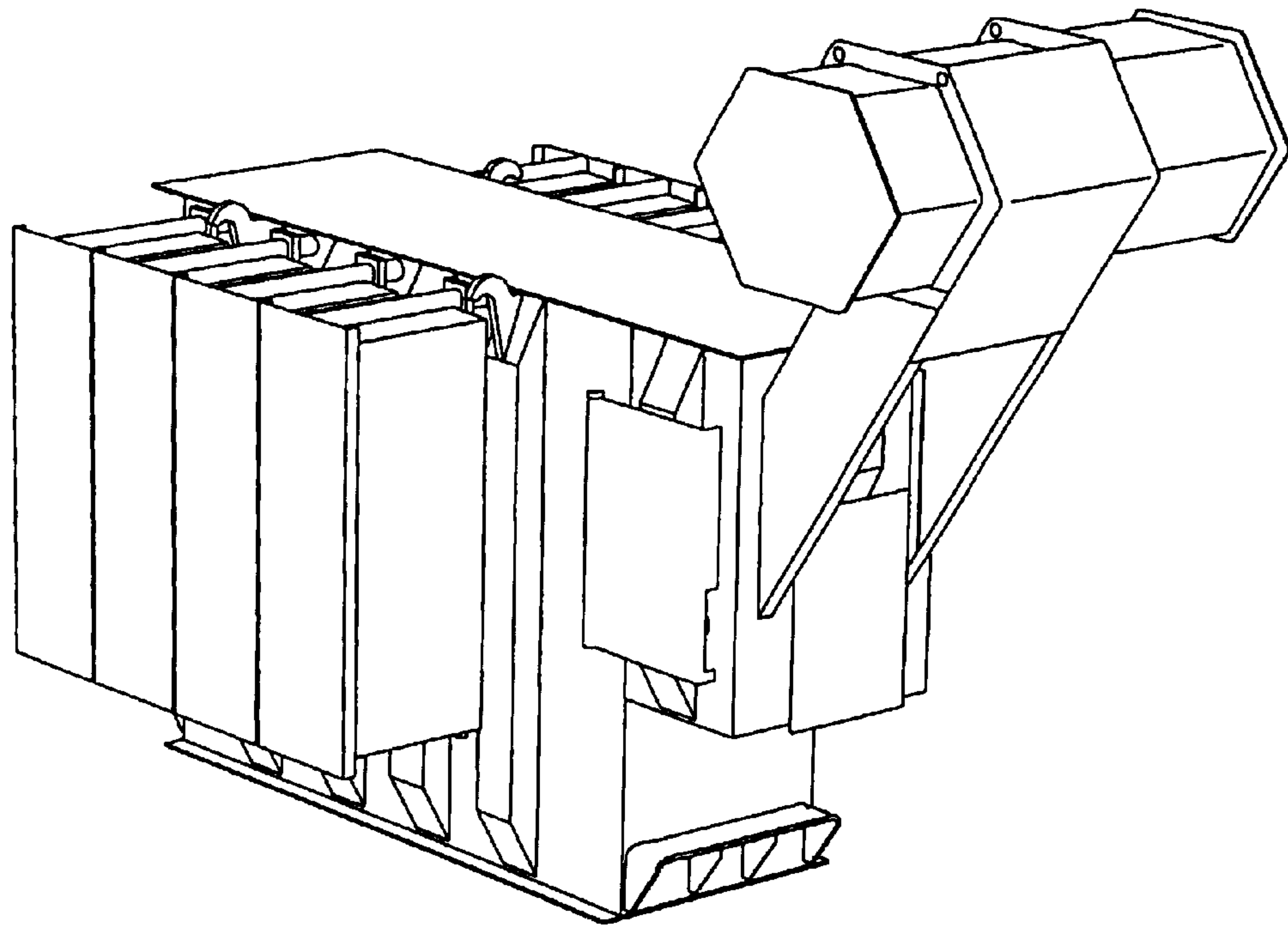


Fig. 35