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(12) **United States Design Patent** (10) **Patent No.:** **US D791,085 S**  
**Rosenberg et al.** (45) **Date of Patent:** **\*\* Jul. 4, 2017**

(54) **SWITCH-DISCONNECTOR**

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(73) Assignee: **ABB Oy**, Helsinki (FI)

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

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(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/158**

(58) **Field of Classification Search**

USPC ..... D13/110, 112, 118, 123, 158-160,  
D13/165-173, 177, 178, 184, 199

CPC ..... H01H 33/60; H01H 33/00; H01H 37/04;  
H01H 37/5427; H01H 71/00; H01H  
71/02; H01H 71/06; H01H 73/08; H01H  
3/22; H01H 9/02; H01H 9/20; H01H  
9/30; H01H 71/12; H01H 75/00; H01H  
9/00; H01H 13/00; H01H 13/44; H01H  
33/10; H01H 37/52; H01H 71/08; H01H  
83/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D246,851 S \* 1/1978 Tarchalski ..... D13/160  
5,493,083 A \* 2/1996 Olivier ..... H01H 71/56  
200/17 R

D468,687 S \* 1/2003 Hamada ..... D13/113  
D511,502 S \* 11/2005 Kim ..... D13/160  
D629,367 S \* 12/2010 Detemple ..... D13/160  
D654,441 S \* 2/2012 Mattlar ..... D13/158  
8,587,240 B2 \* 11/2013 Wolfe ..... H02P 1/28  
318/400.19  
D707,636 S \* 6/2014 Besana ..... D13/160  
D714,733 S \* 10/2014 Johansson ..... D13/123  
D733,070 S \* 6/2015 Engblom ..... D13/158  
D737,221 S \* 8/2015 Andersson ..... D13/158  
2002/0192990 A1 \* 12/2002 Alexandre ..... H01H 50/326  
439/135

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a switch-disconnector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front side perspective view of a switch-disconnector of the present invention.

FIG. 2 is a bottom view of the switch-disconnector of FIG. 1.

FIG. 3 is a top view of the switch-disconnector of FIG. 1.

FIG. 4 is a right view of the switch-disconnector of FIG. 1.

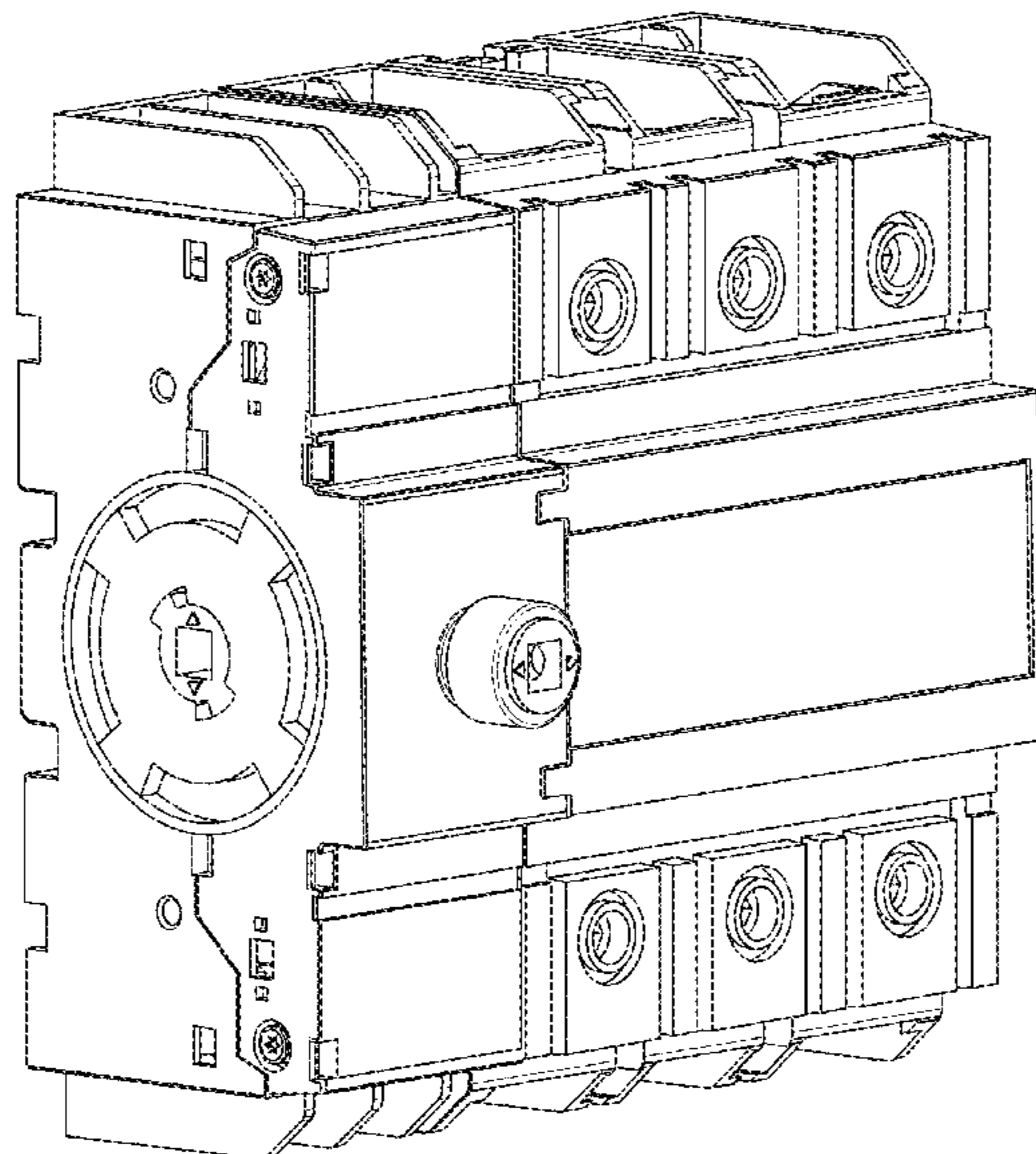
FIG. 5 is a left view of the switch-disconnector of FIG. 1.

FIG. 6 is a front view of the switch-disconnector of FIG. 1; and,

FIG. 7 is a back view of the switch-disconnector of FIG. 1.

The broken line portion of the figure drawings is included to show portions of the articule that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



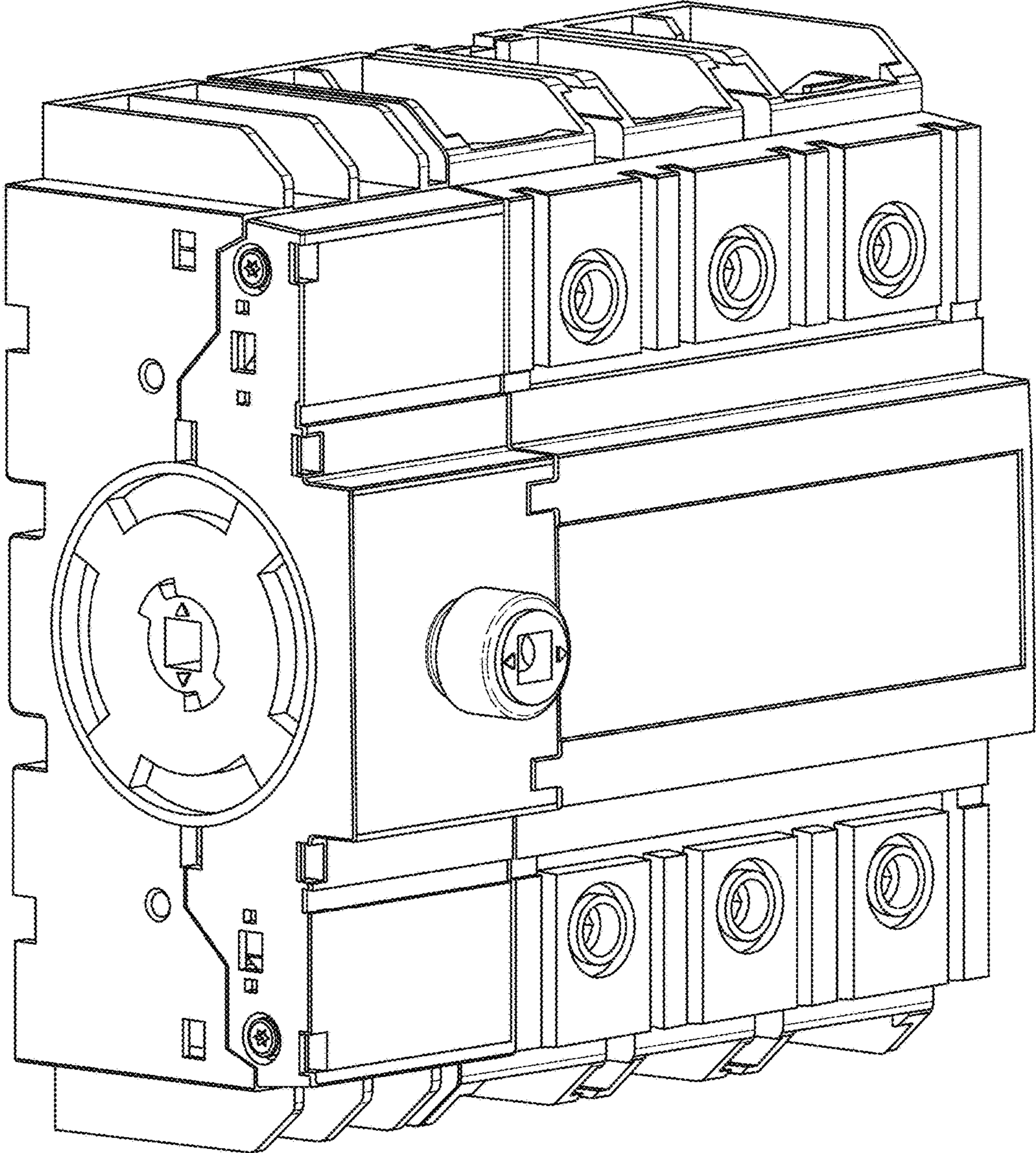


FIG. 1

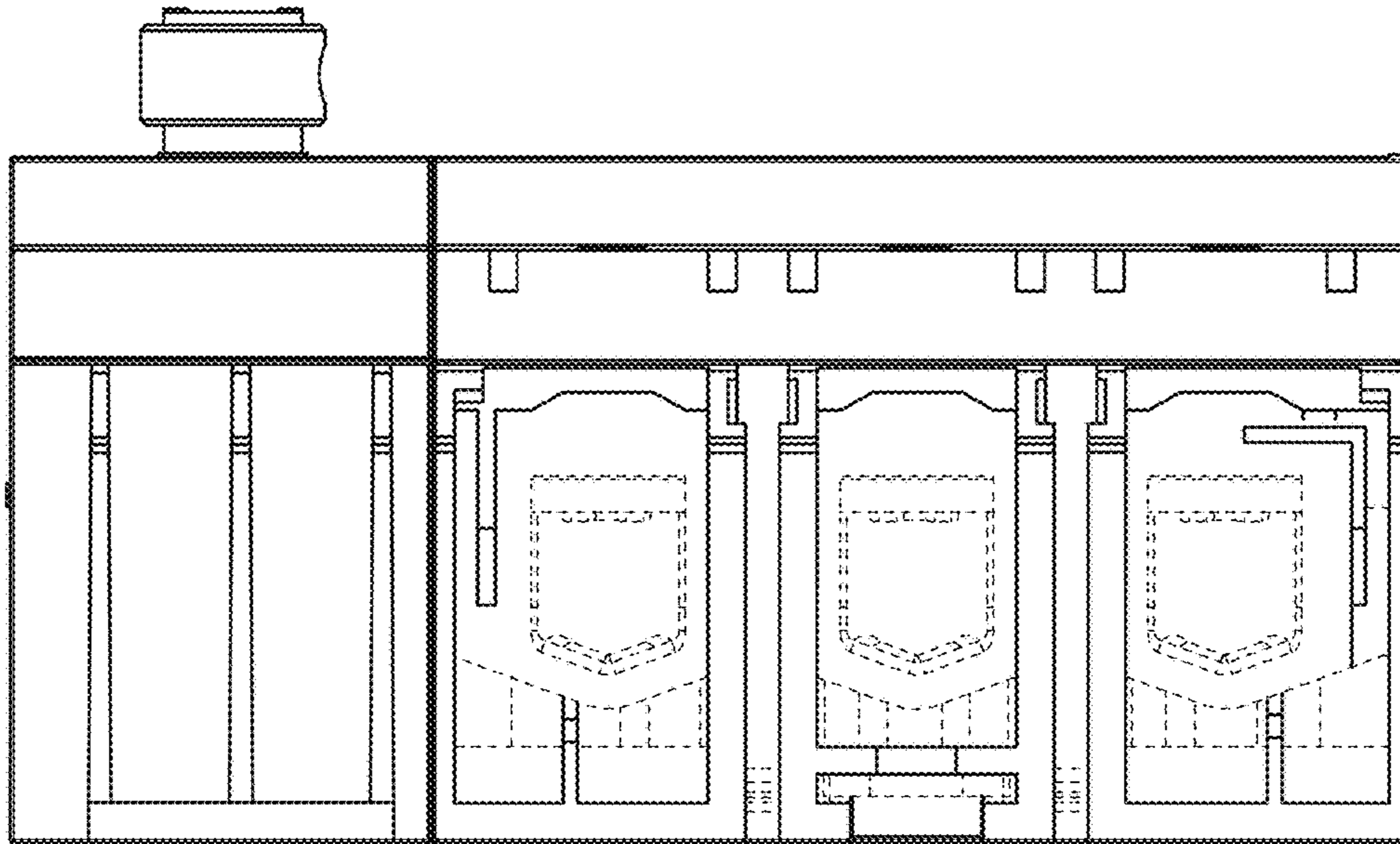


FIG. 2

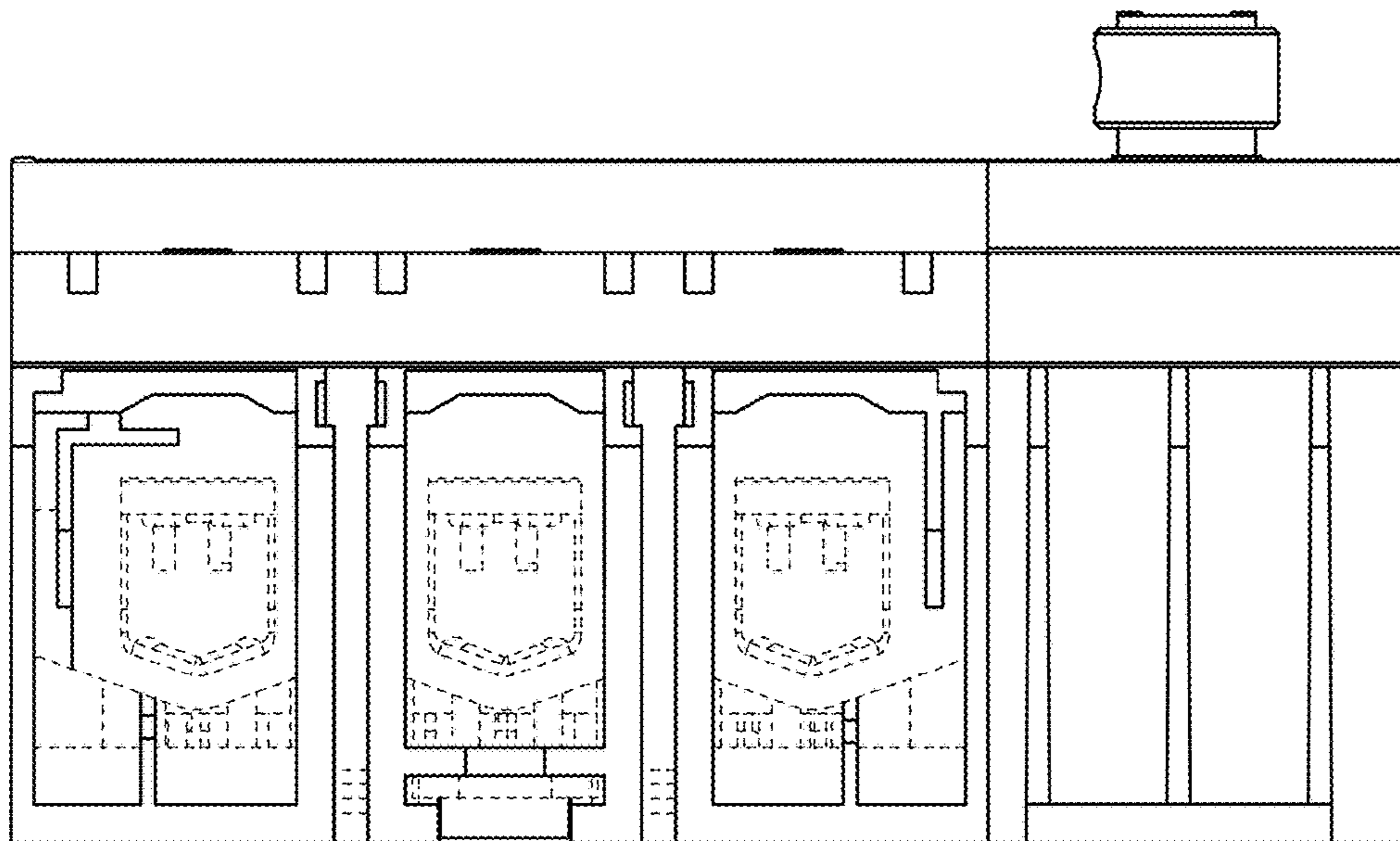


FIG. 3

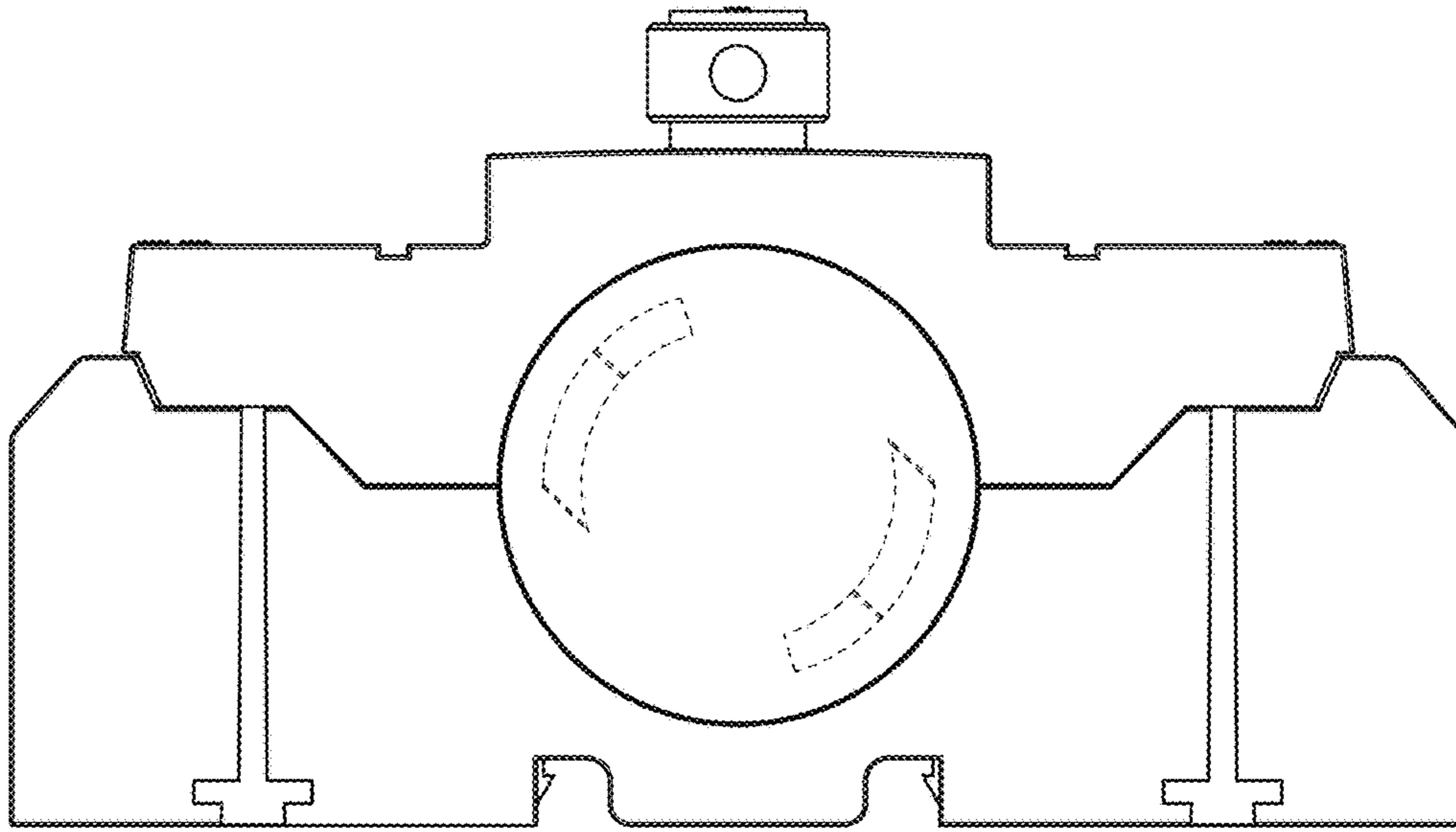


FIG. 4

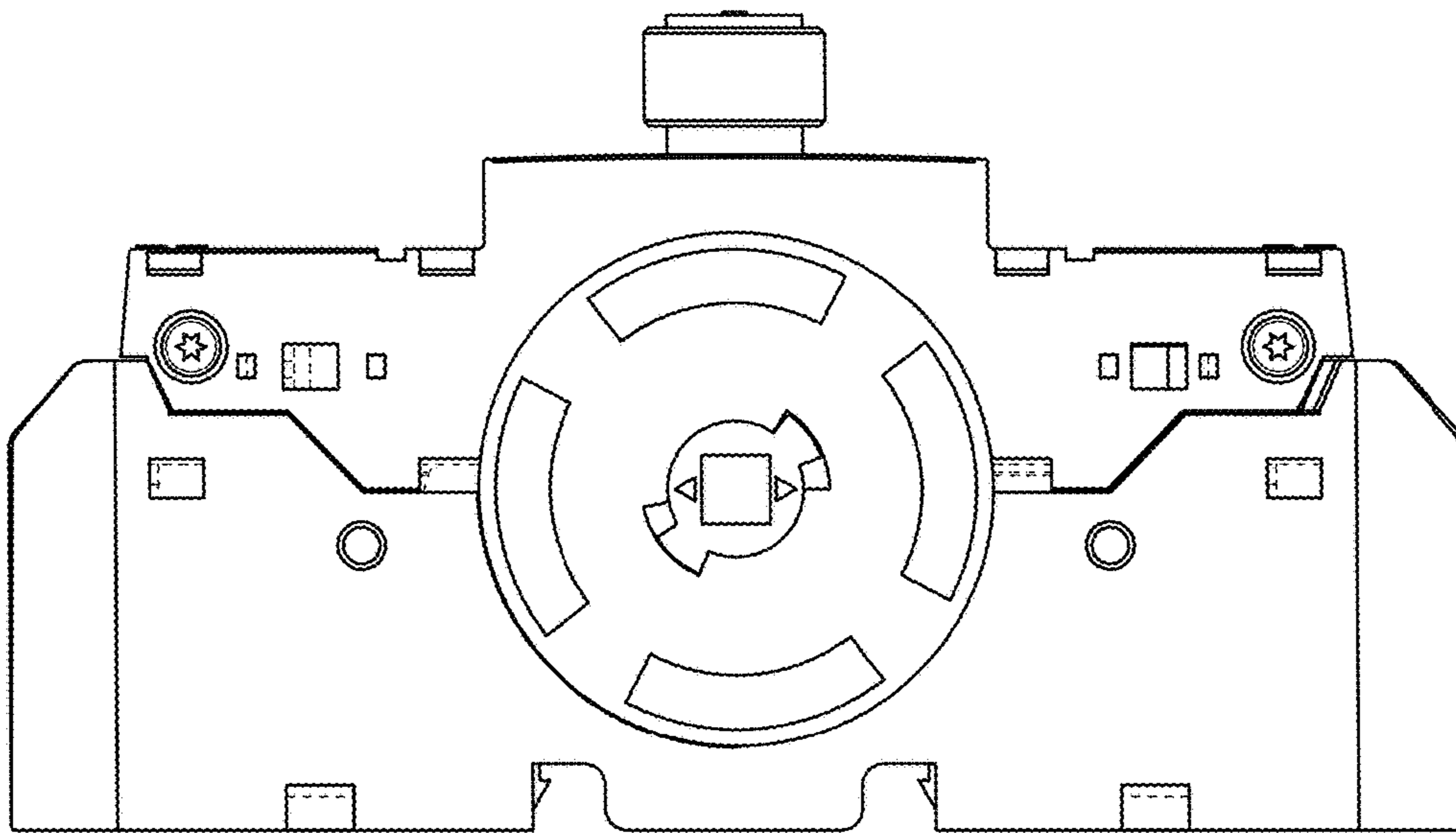


FIG. 5

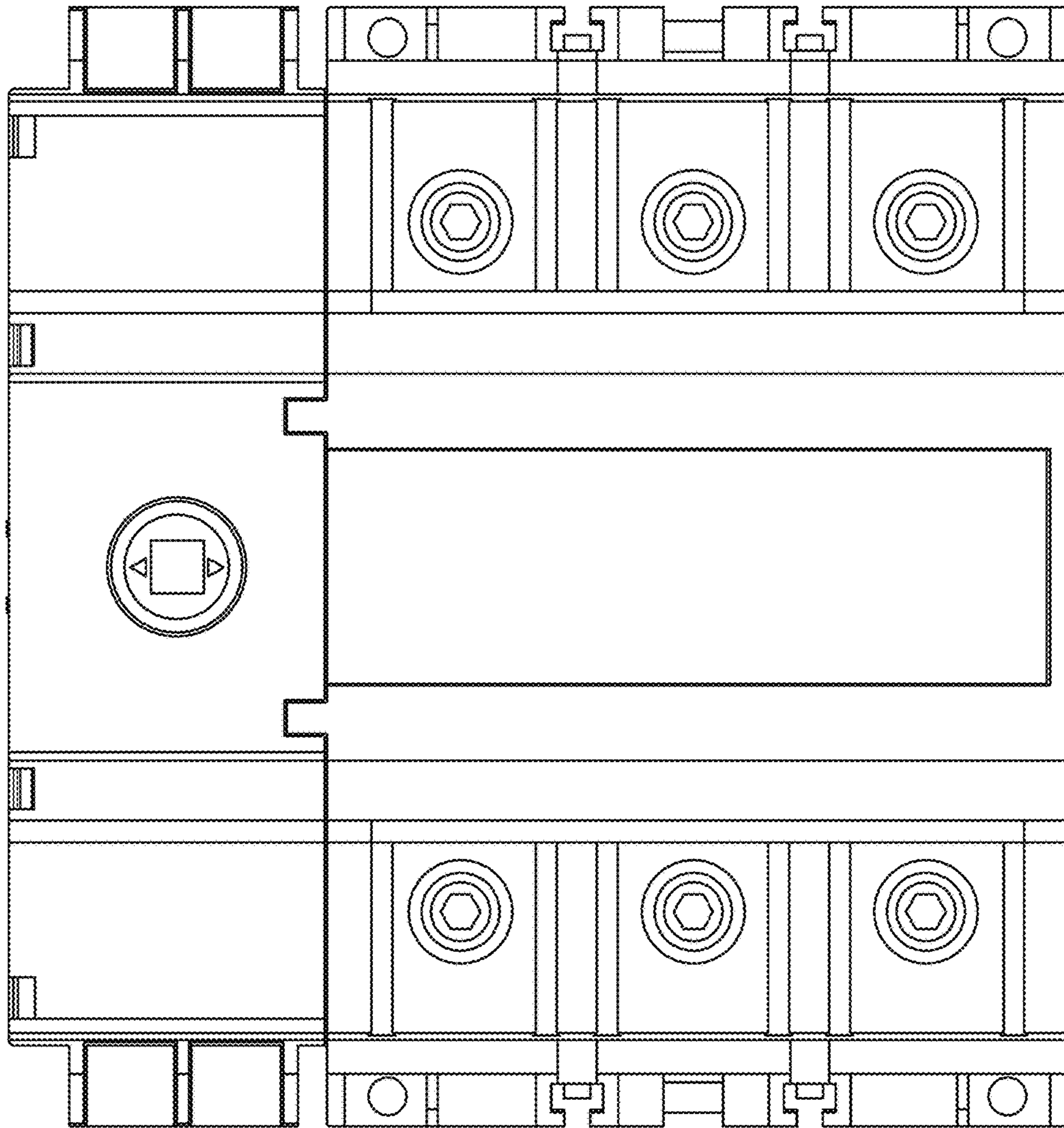


FIG. 6

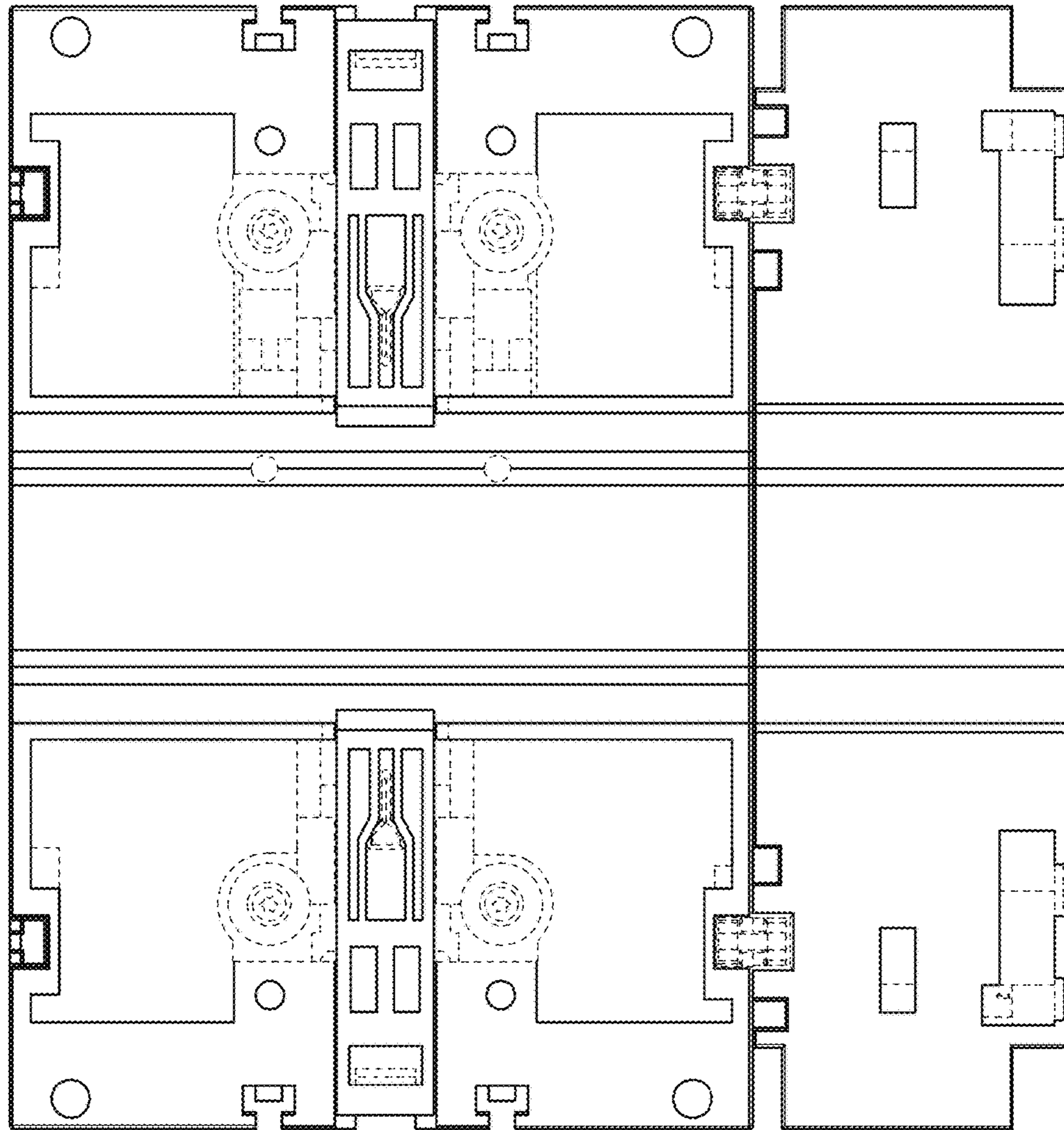


FIG. 7