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

(10) **Patent No.:** **US D795,180 S**

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(54) **REDOX FLOW BATTERY CELL STACK**

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

(21) Appl. No.: **29/560,182**

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**Related U.S. Application Data**

(62) Division of application No. 29/462,381, filed on Aug. 2, 2013, now Pat. No. Des. 756,912.

(30) **Foreign Application Priority Data**

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Feb. 4, 2013 (JP) ..... 2013-002137

(Continued)

(51) **LOC (10) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/104**

(58) **Field of Classification Search**  
USPC ..... D13/103, 104, 184; 429/96, 97, 98, 99,  
429/100, 105, 163, 82, 120

(Continued)

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*Primary Examiner* — Paula Greene

(74) *Attorney, Agent, or Firm* — Ditthavong & Steiner,  
P.C.

(57) **CLAIM**

The ornamental design for a redox flow battery cell stack, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a first embodiment of a redox flow battery cell stack showing our new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a right side view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, top, right side perspective view thereof;

FIG. 8 is a referential top plan view thereof;

FIG. 9 is a cross-sectional view taken along a combination of lines 9A-9B-9C-9D-9E-9F thereof;

FIG. 10 is a rear, bottom, left side perspective view thereof;

FIG. 11 is a front view of a second embodiment of a redox flow battery cell stack showing our new design;

FIG. 12 is a rear view thereof;

FIG. 13 is a right side view thereof;

FIG. 14 is a left side view thereof;

FIG. 15 is a top plan view thereof;

FIG. 16 is a bottom plan view thereof;

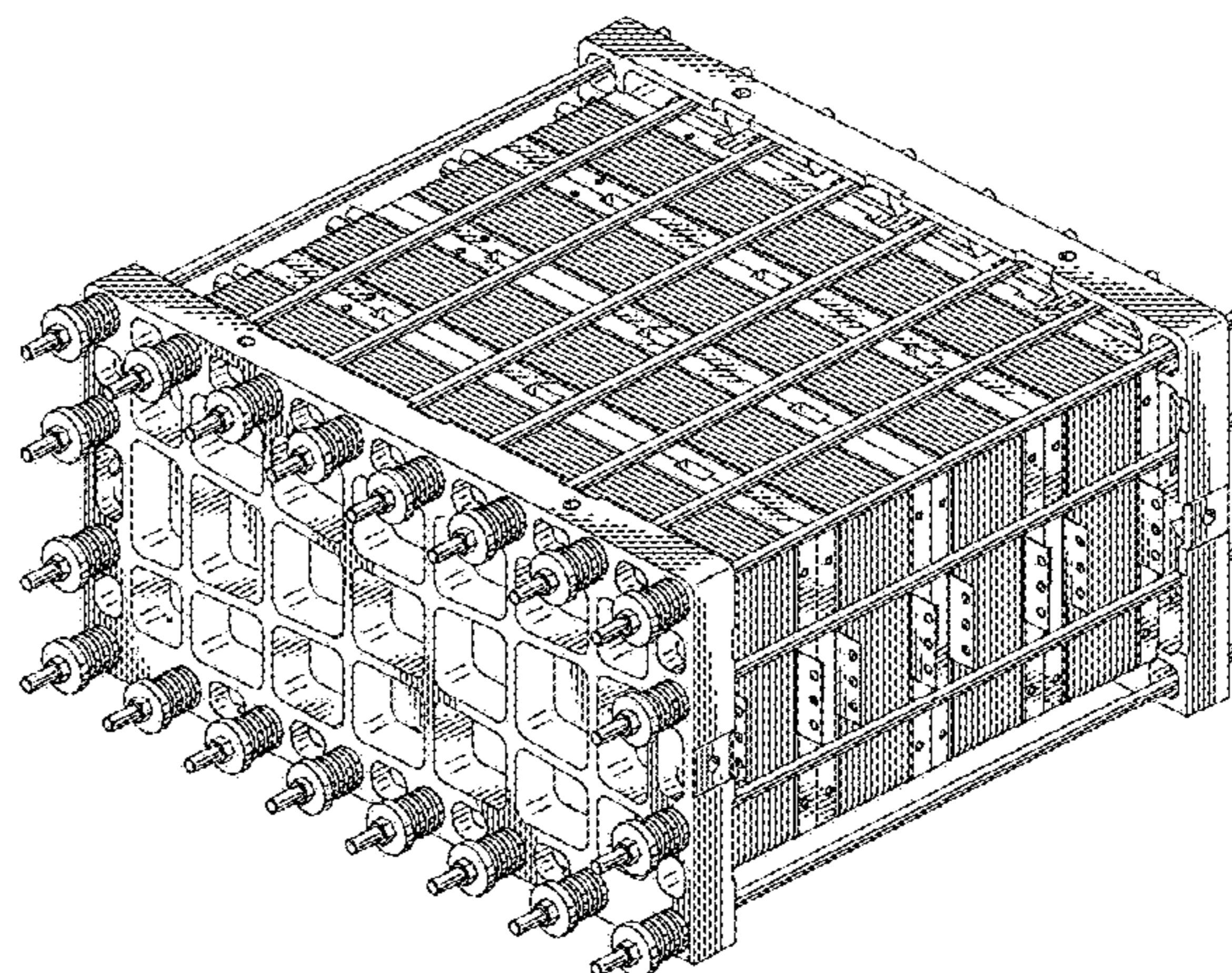
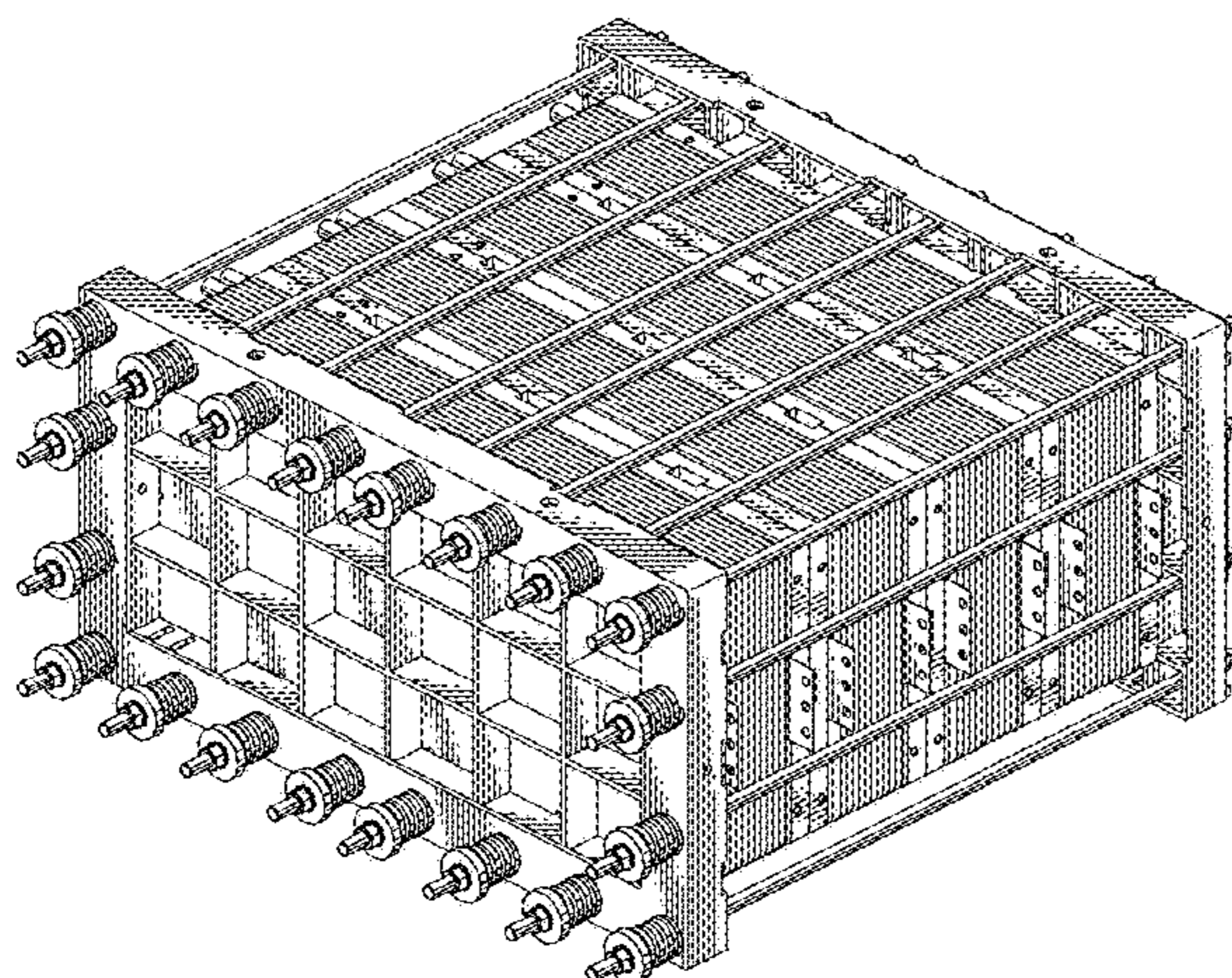
FIG. 17 is a front, top, right side perspective view thereof;

FIG. 18 is a referential top plan view thereof;

FIG. 19 is a cross-sectional view taken along a combination of lines 19A-19B-19C-19D-19E-19F thereof; and,

FIG. 20 is a rear, bottom, left side perspective view thereof.

**1 Claim, 16 Drawing Sheets**



(30) Foreign Application Priority Data

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 Mar. 29, 2013 (JP) ..... 2013-007226  
 Mar. 29, 2013 (JP) ..... 2013-007227  
 Mar. 29, 2013 (JP) ..... 2013-007228

(58) Field of Classification Search

CPC ..... H01M 8/02; H01M 4/24; H01M 2/04;  
 H01M 2/10; H01M 2/12; H01M 10/02;  
 H01M 10/04

See application file for complete search history.

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 429/99

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FIG.1

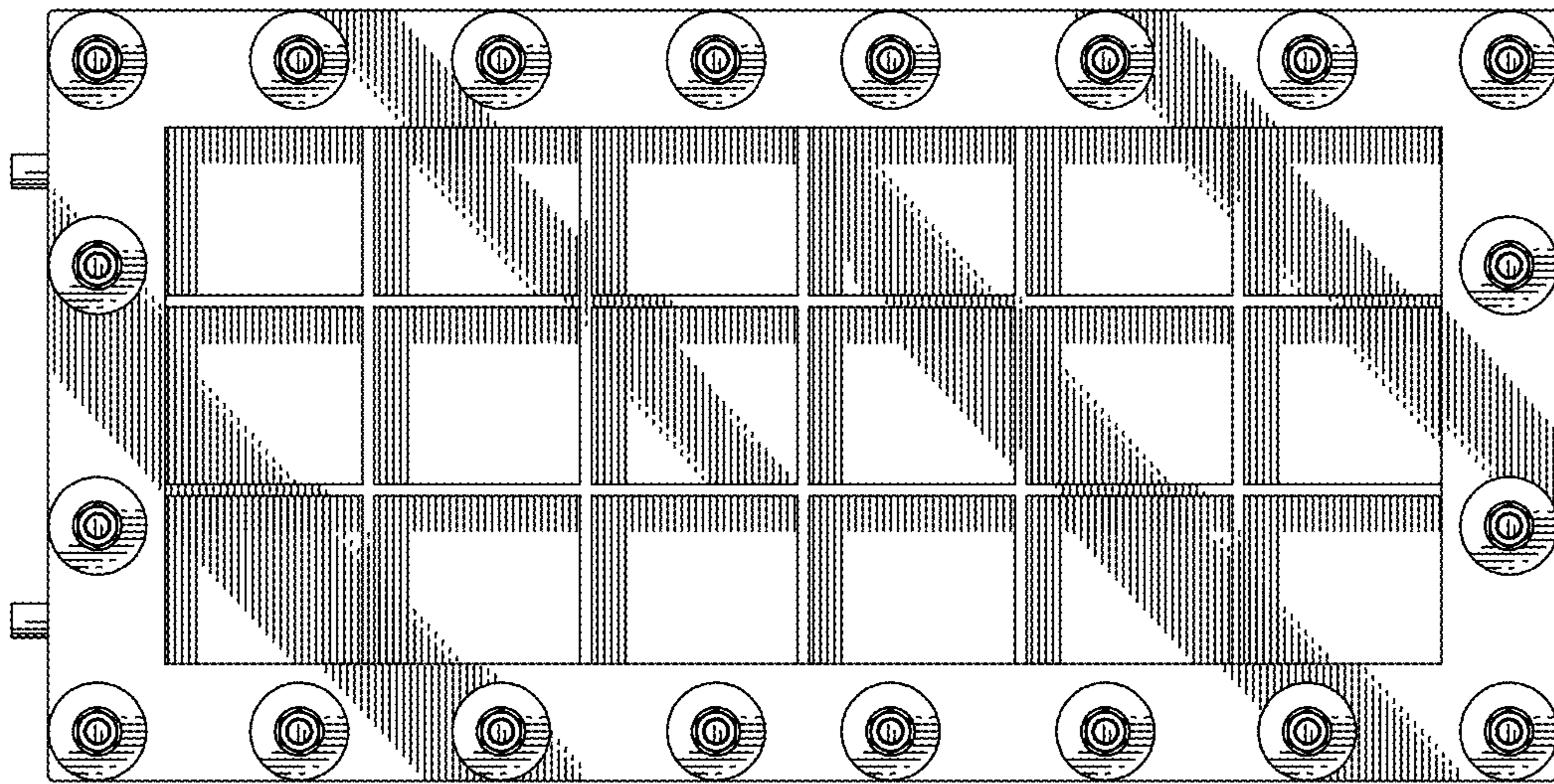


FIG.2

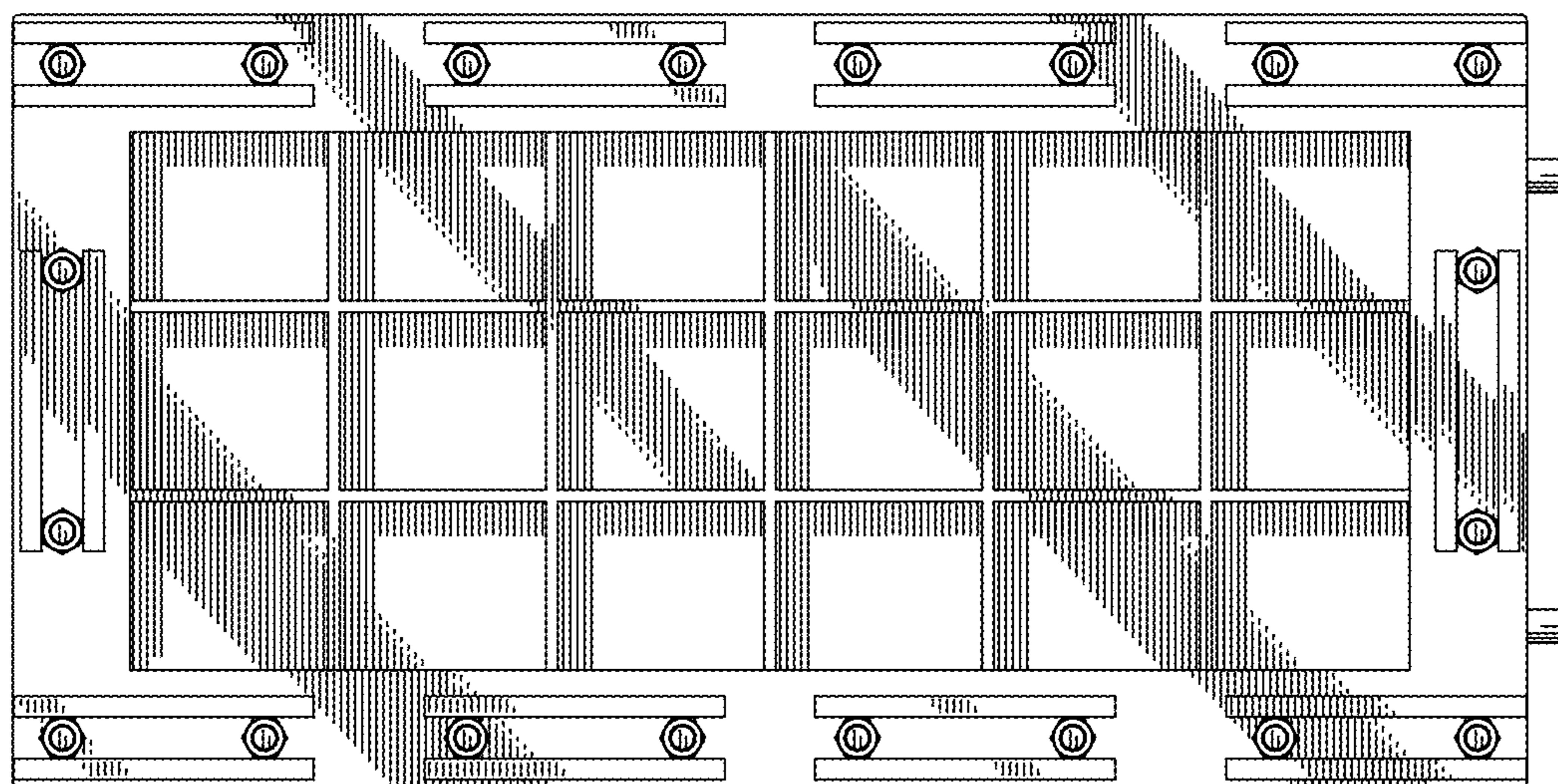


FIG.3

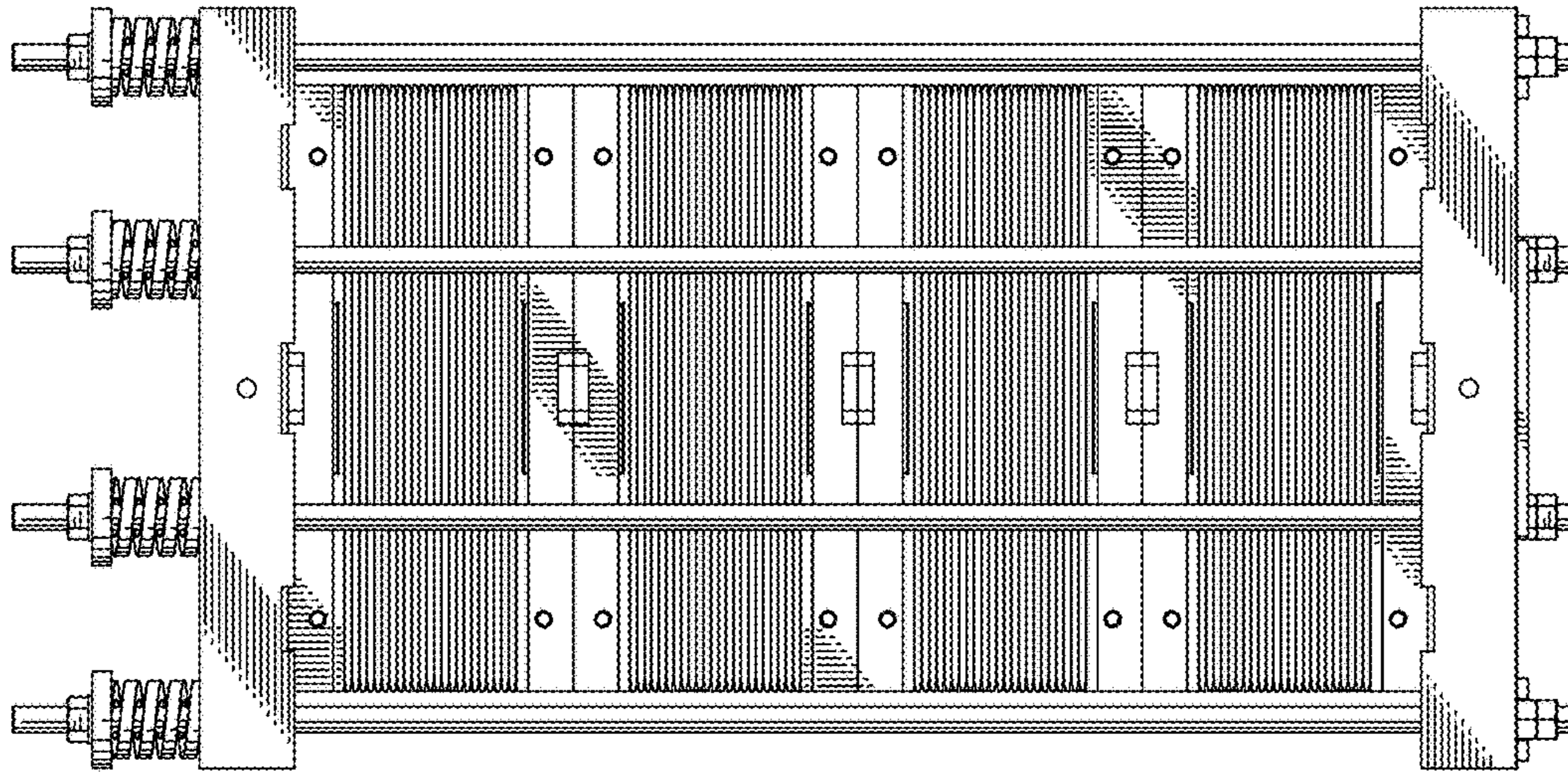


FIG.4

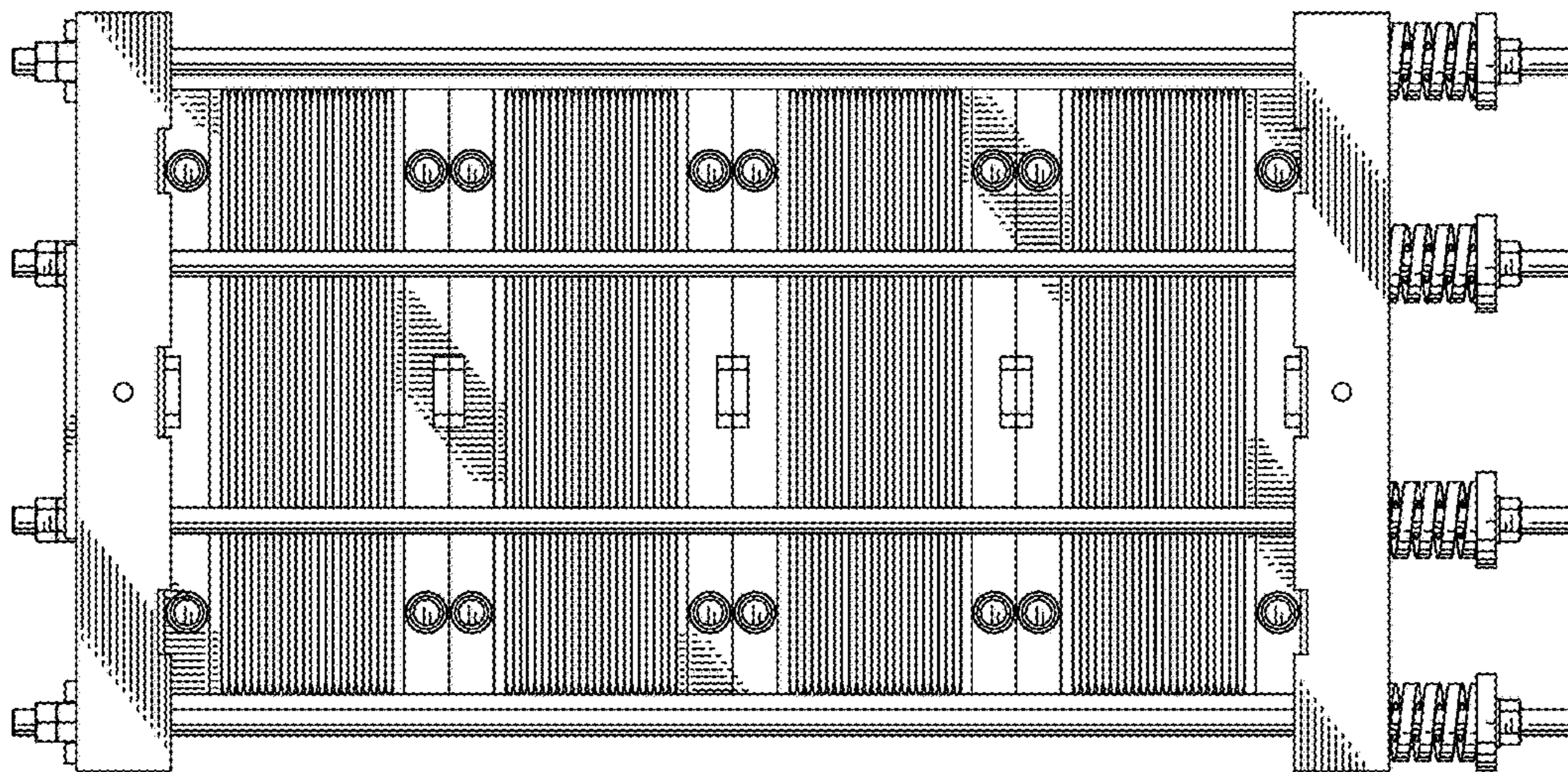


FIG.5

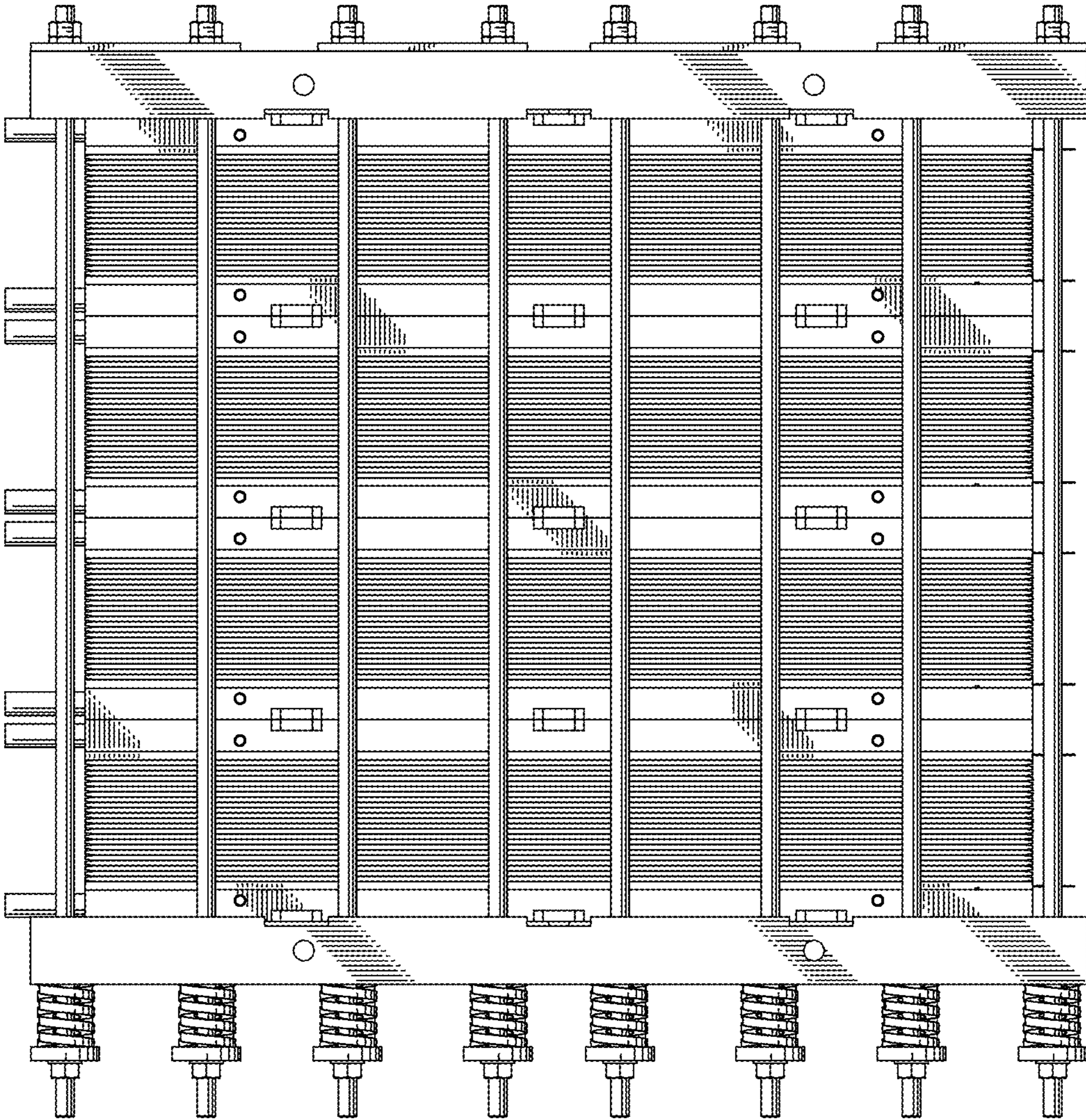


FIG.6

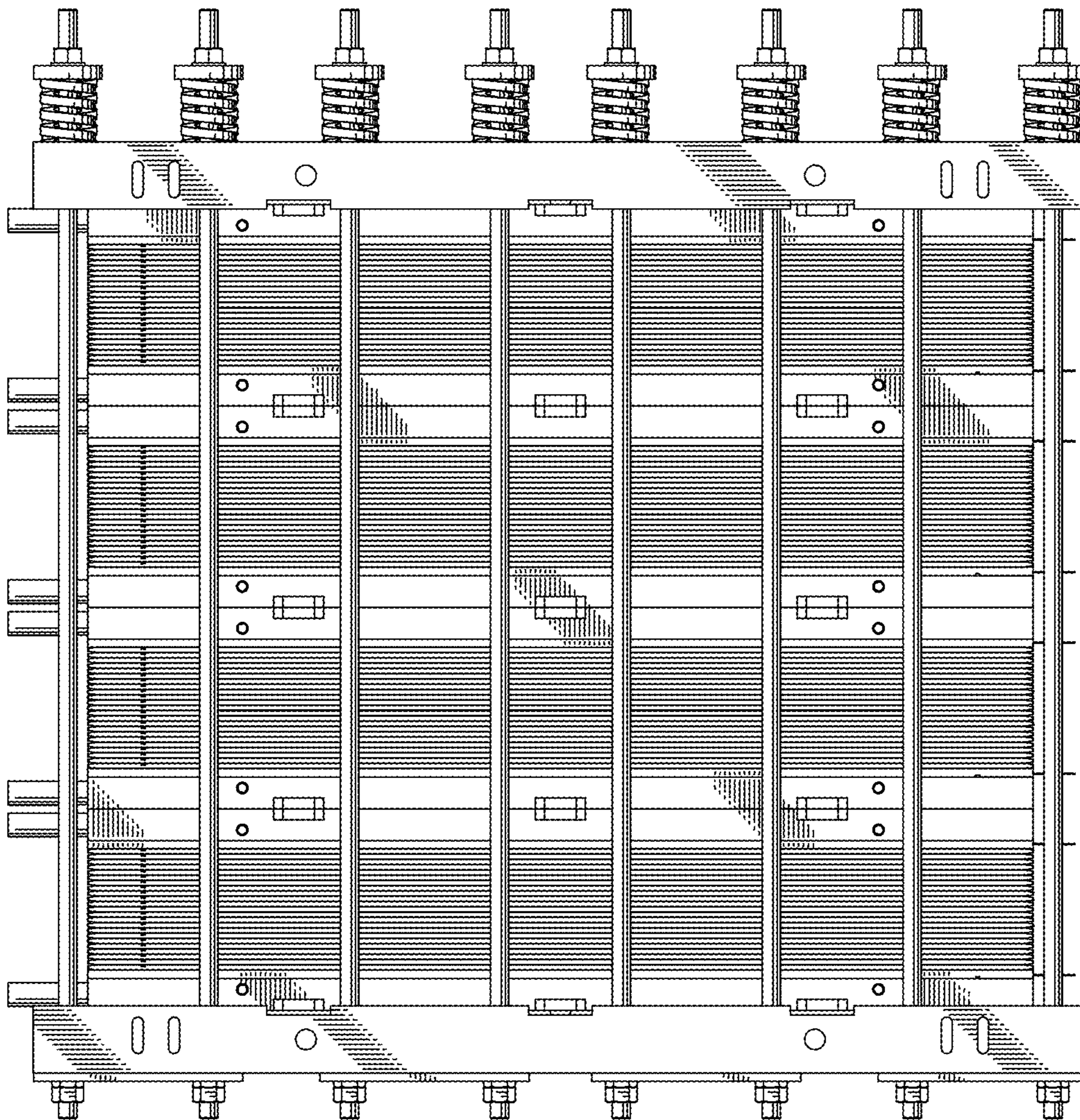


FIG.7

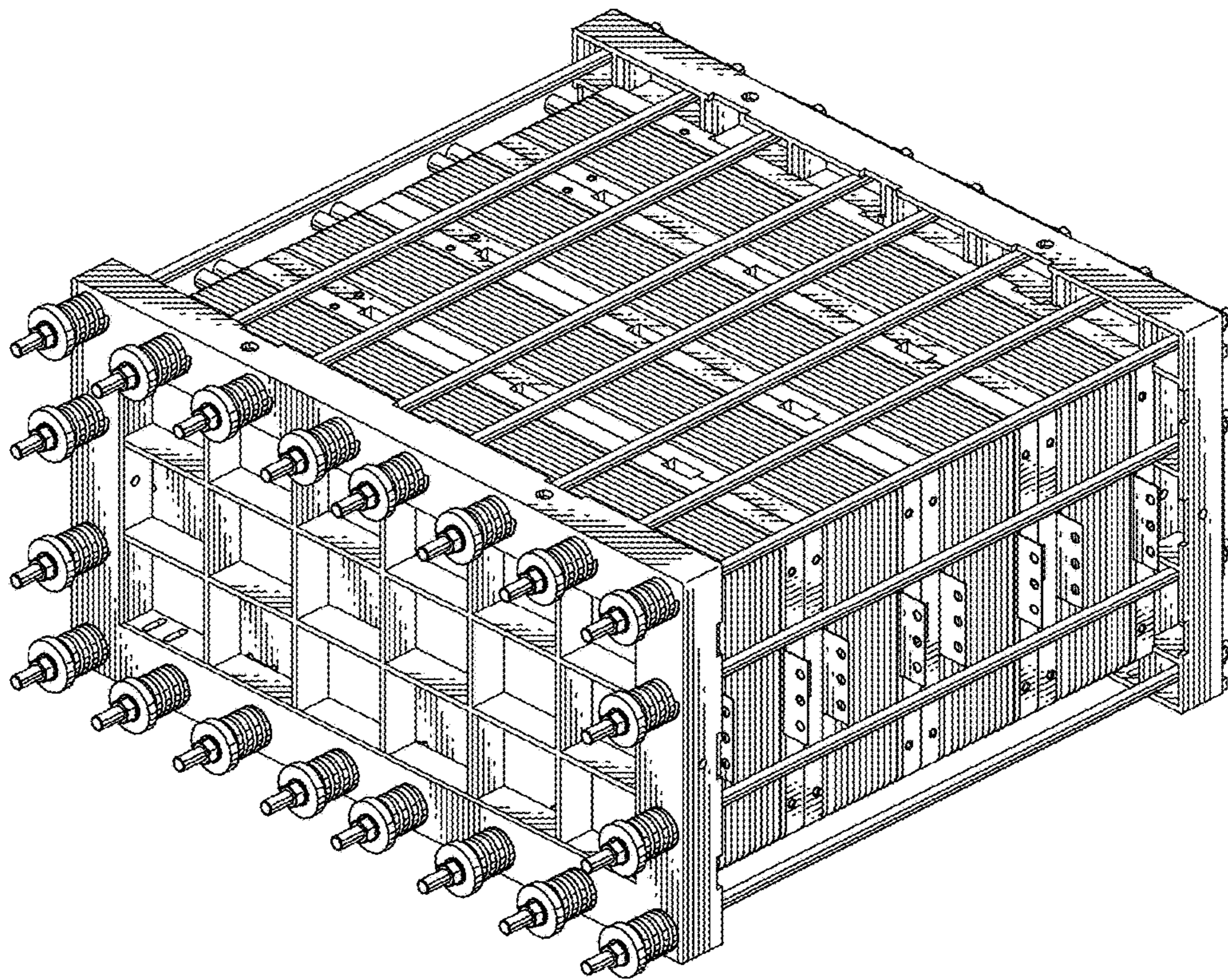


FIG.8

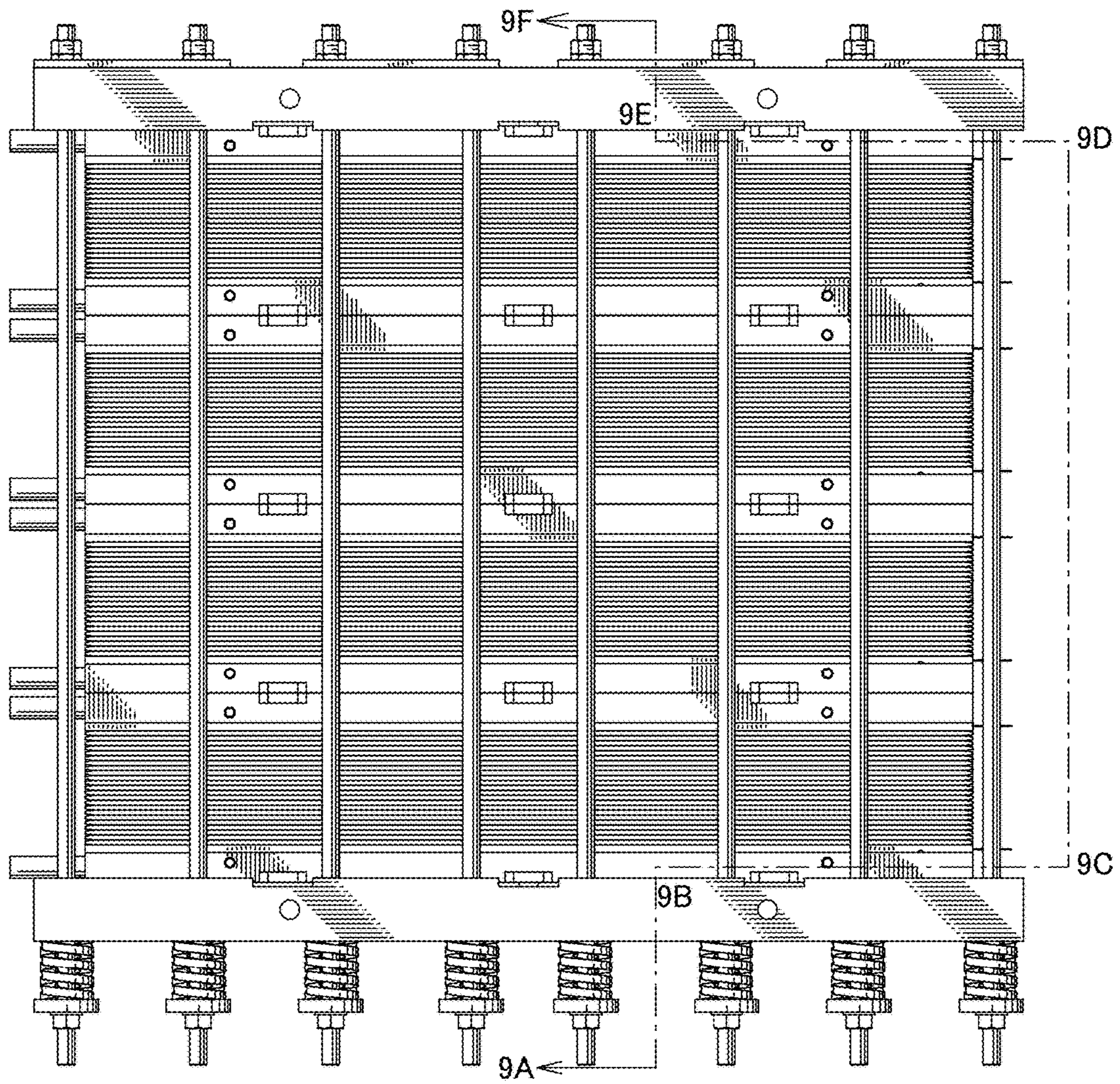




FIG. 9

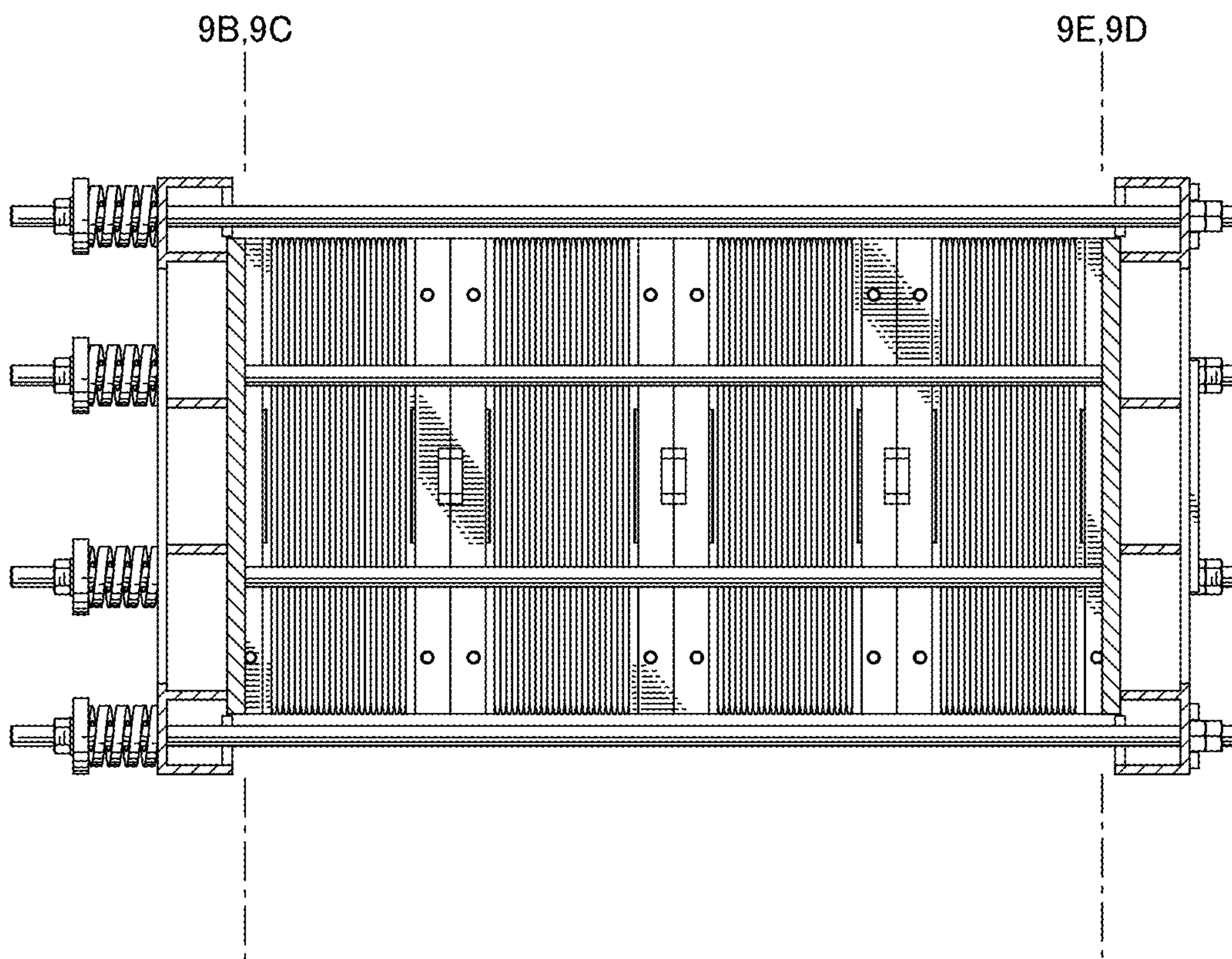


FIG.10

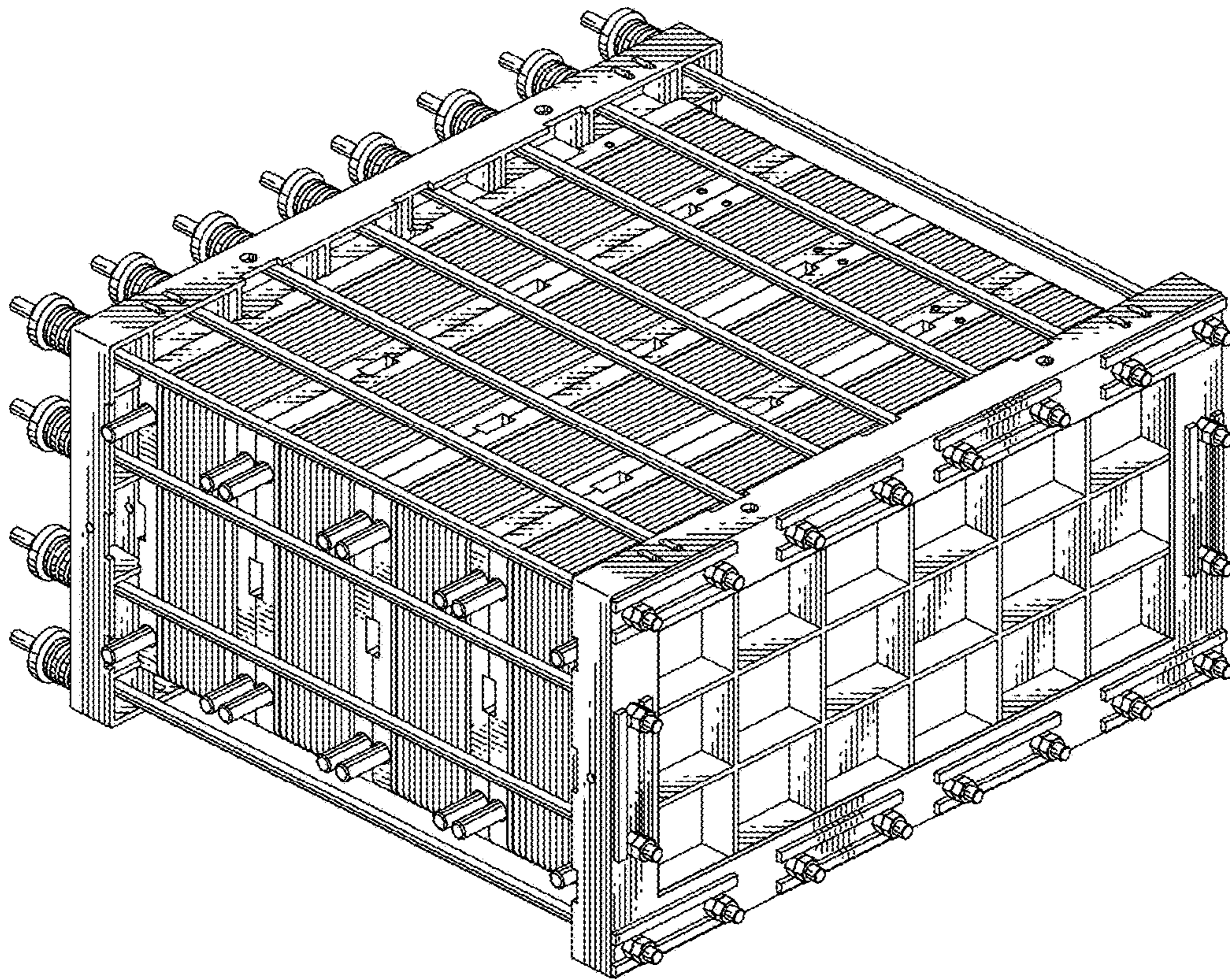


FIG.11

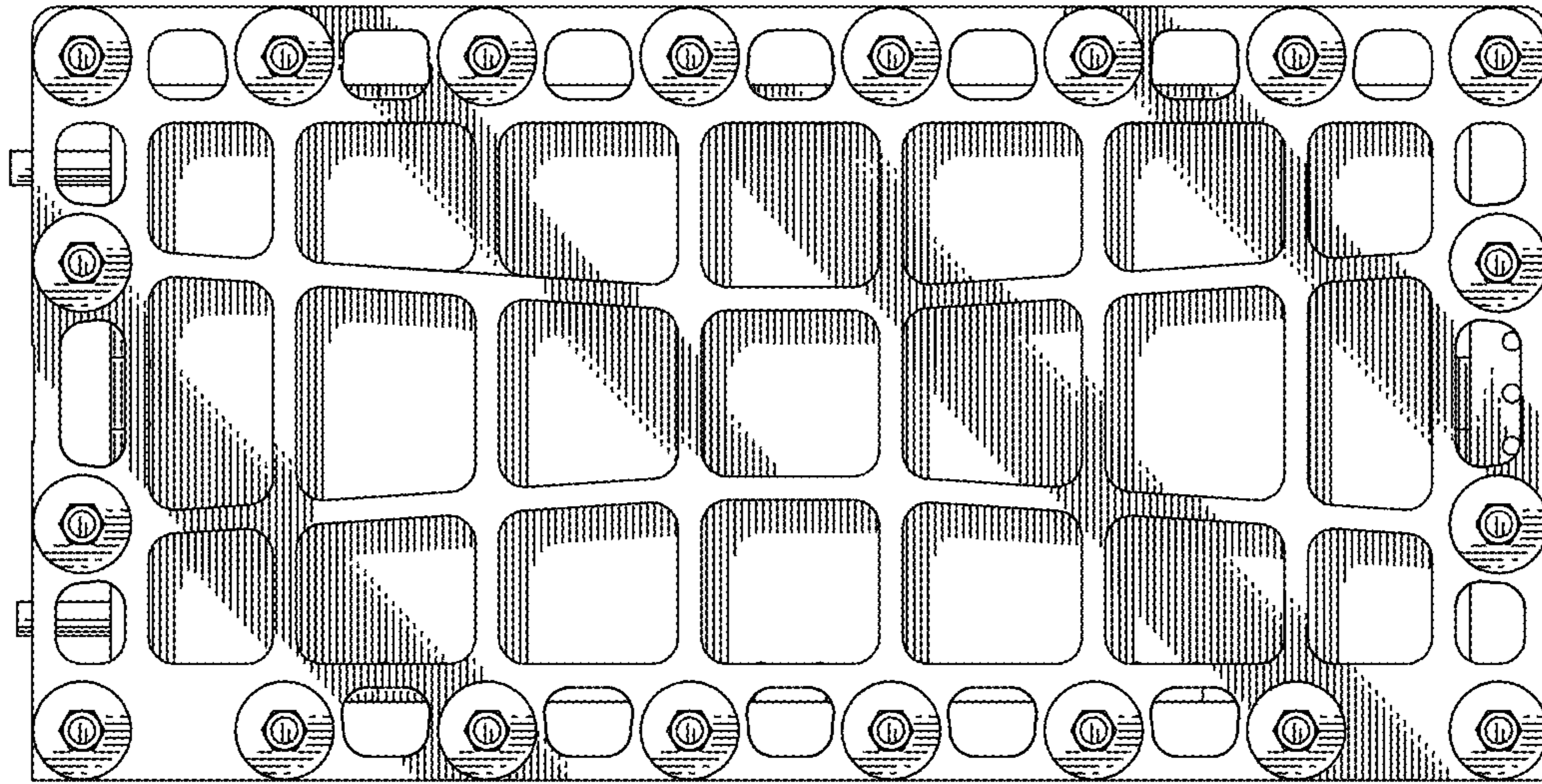


FIG.12

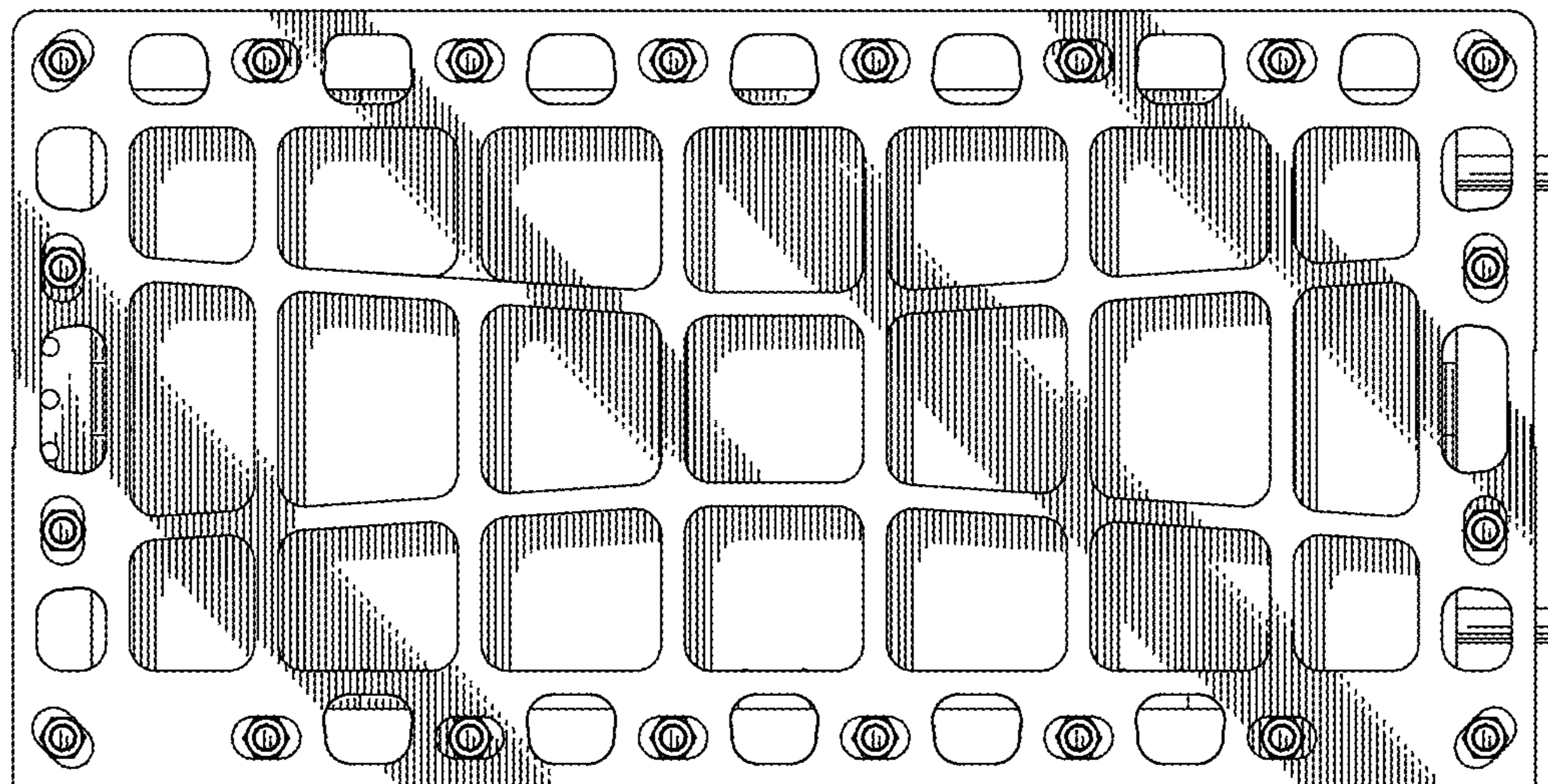


FIG.13

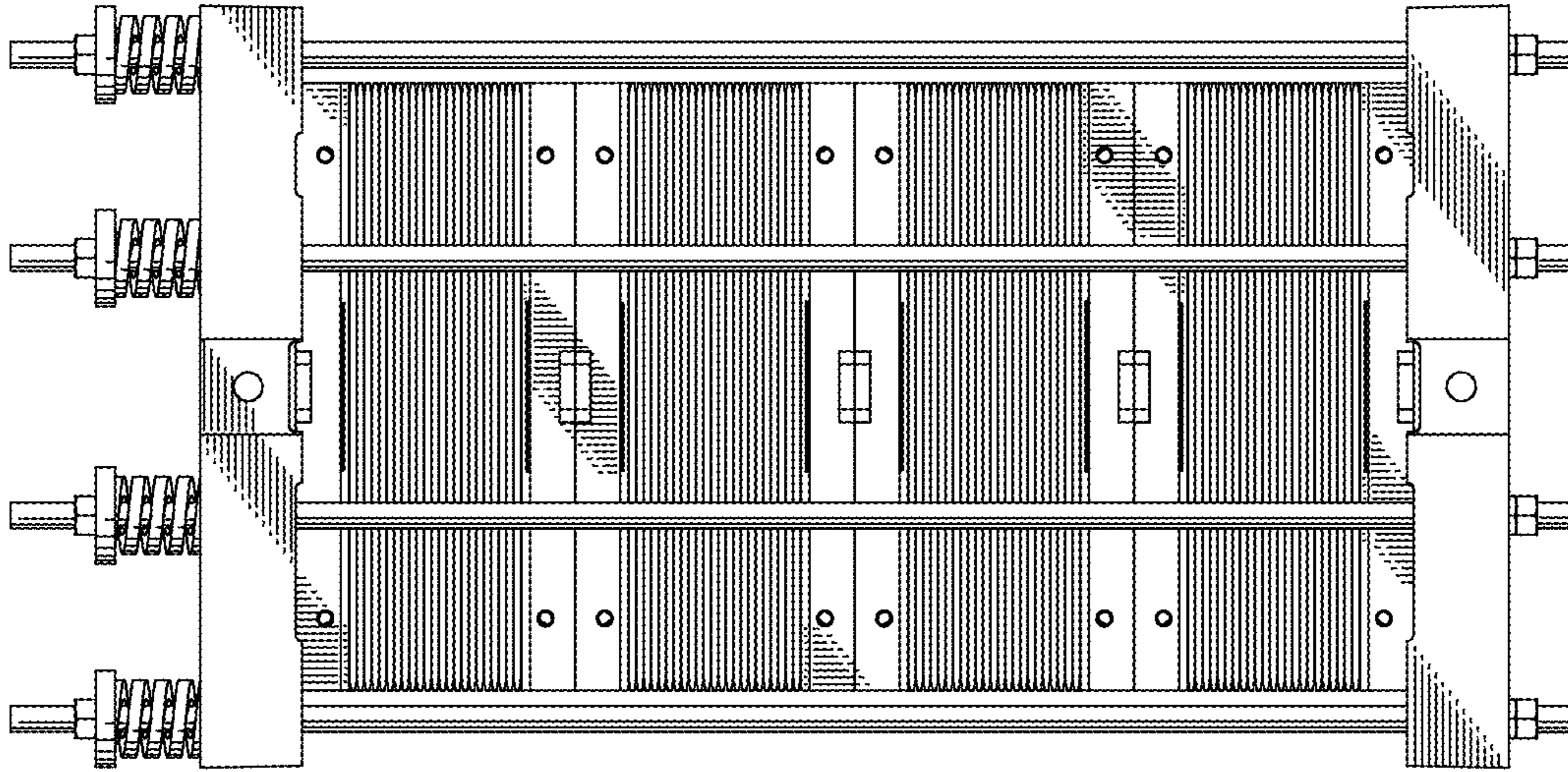


FIG.14

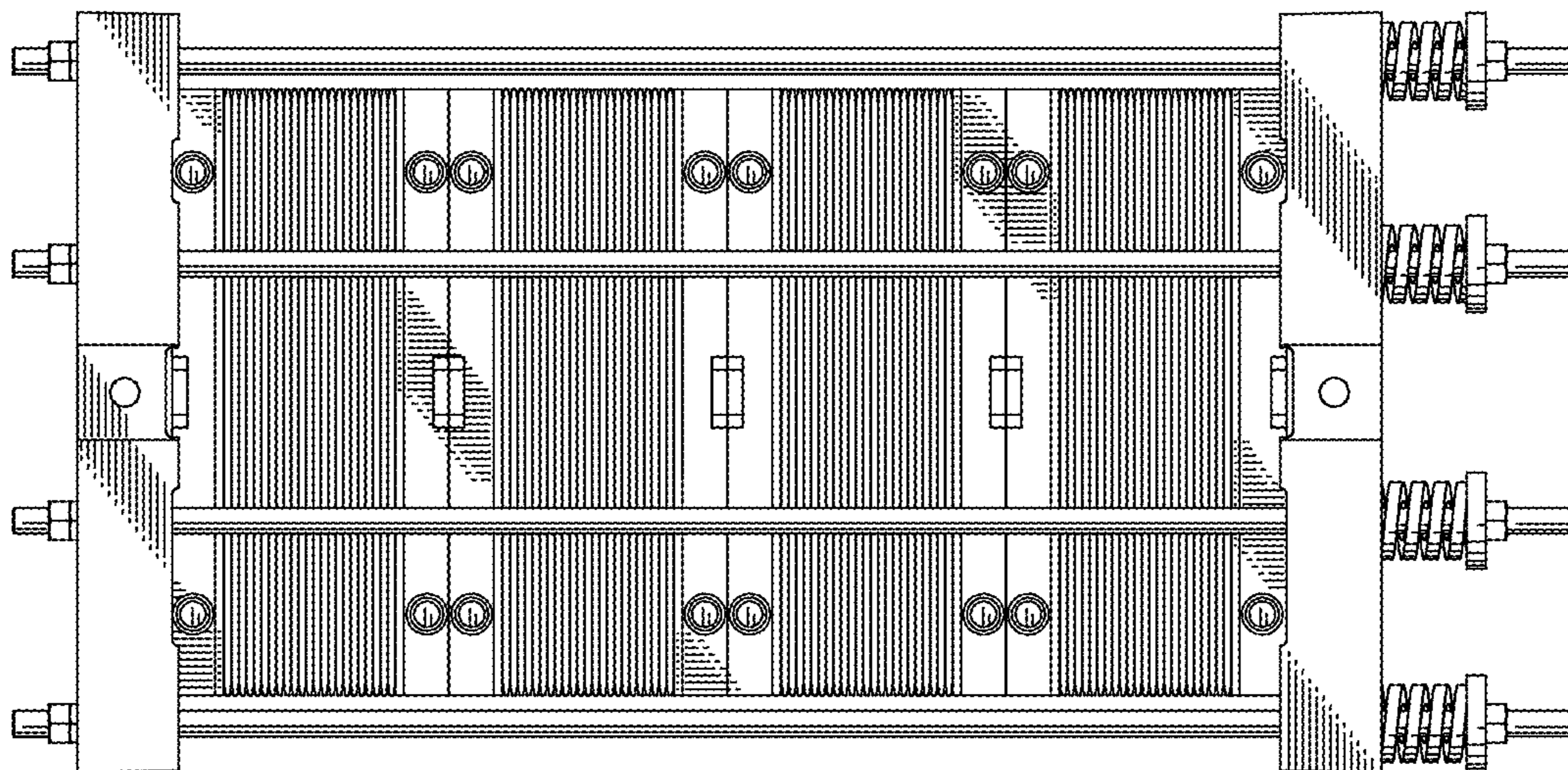


FIG.15

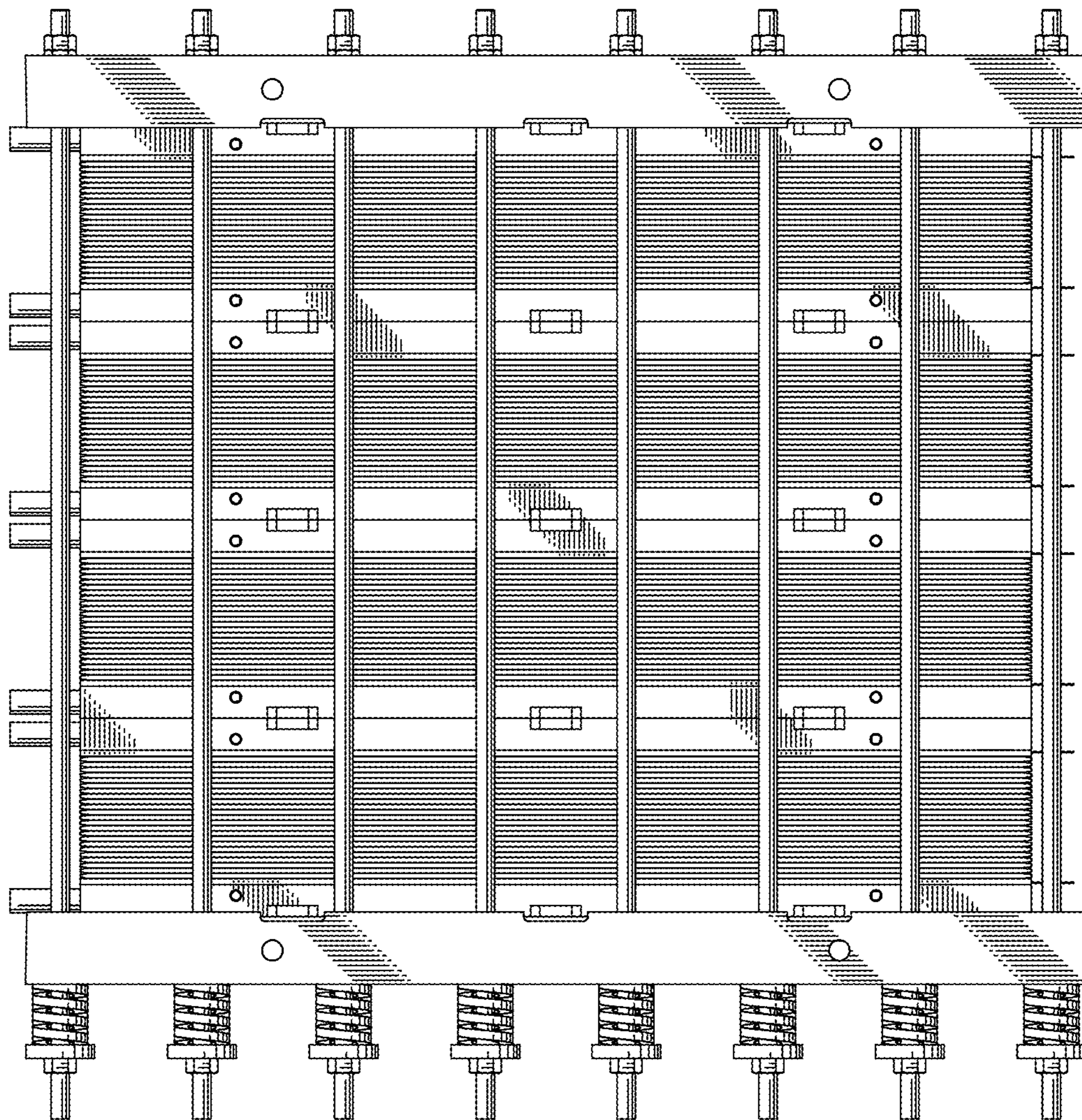


FIG.16

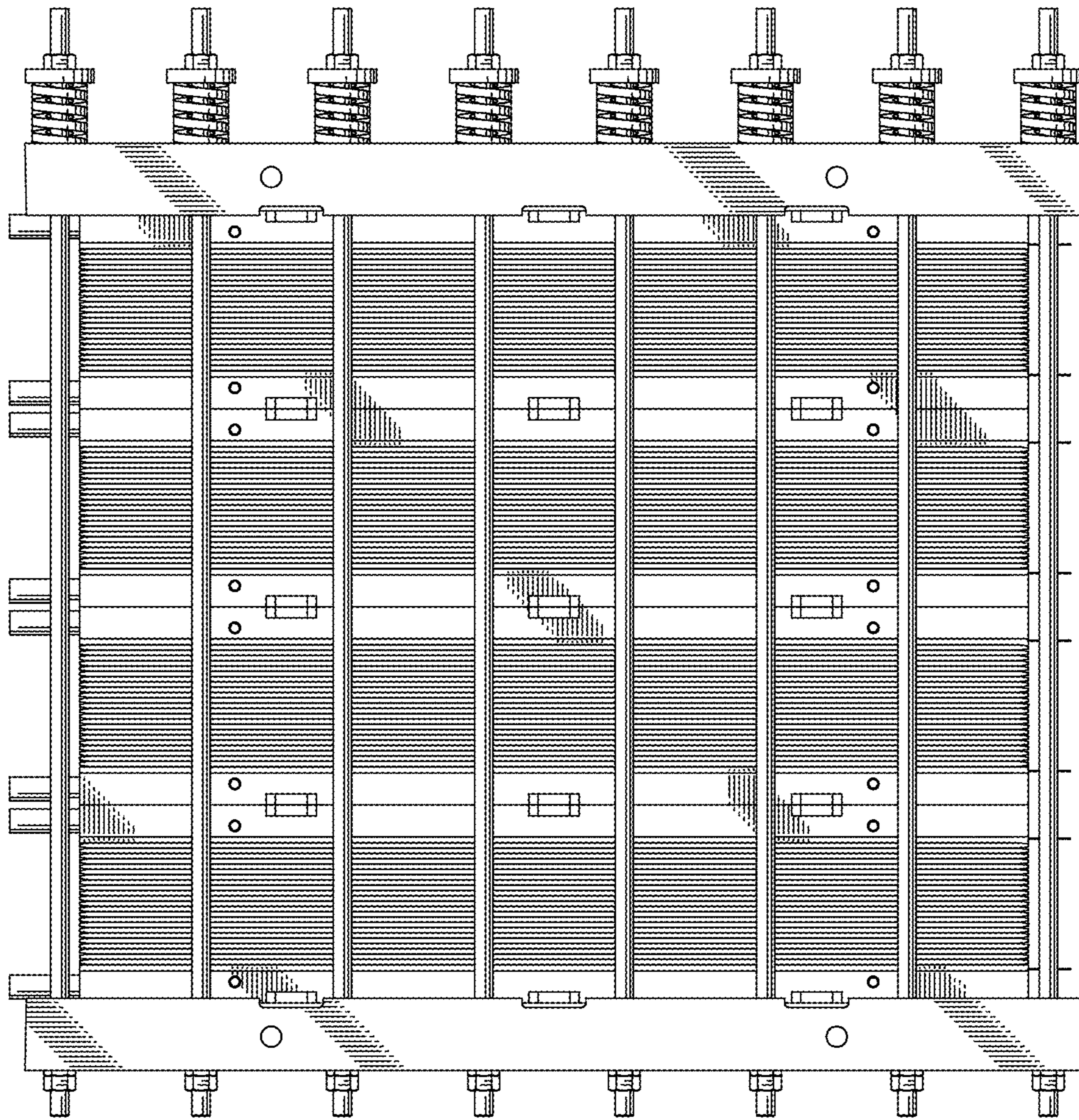


FIG.17

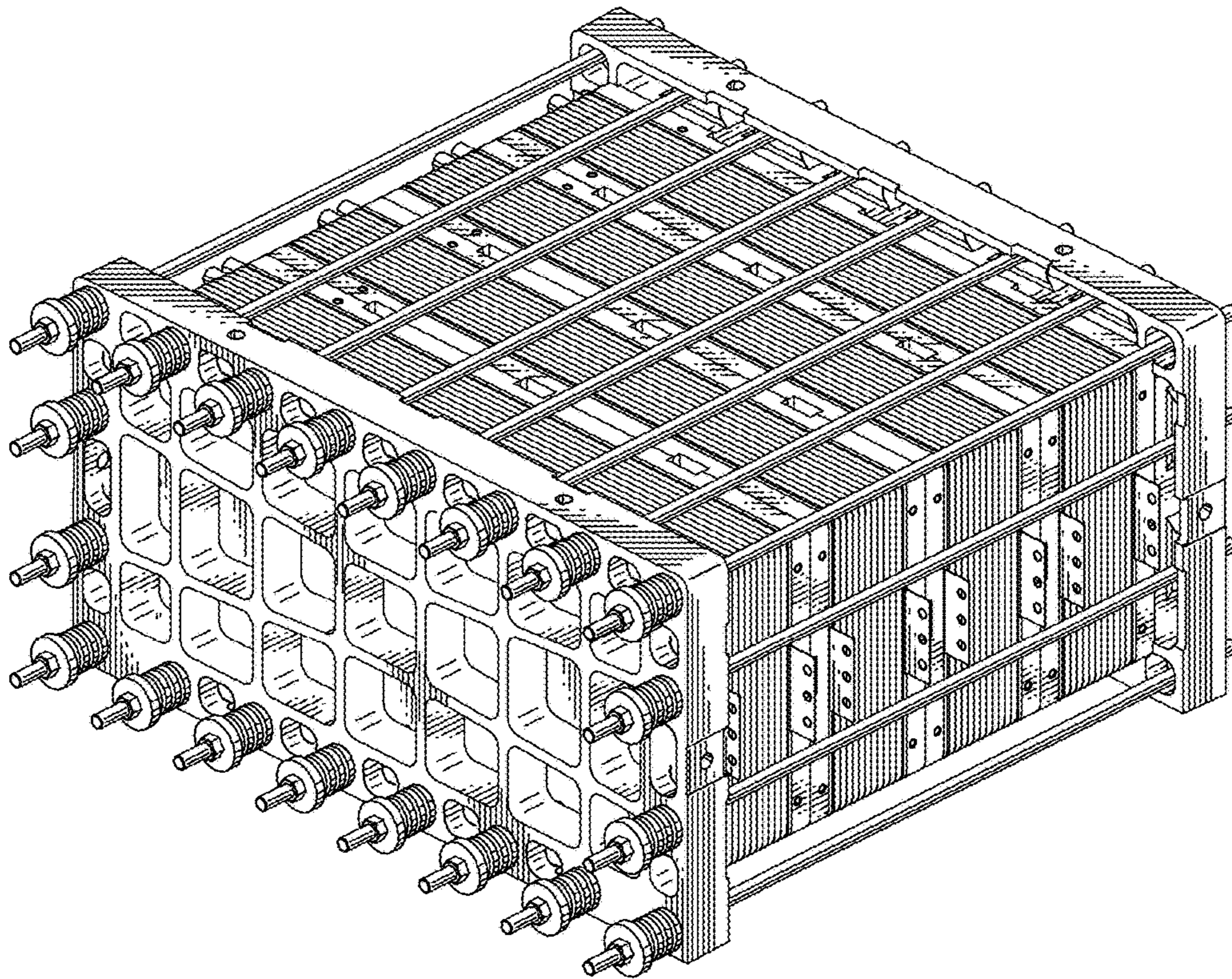


FIG.18

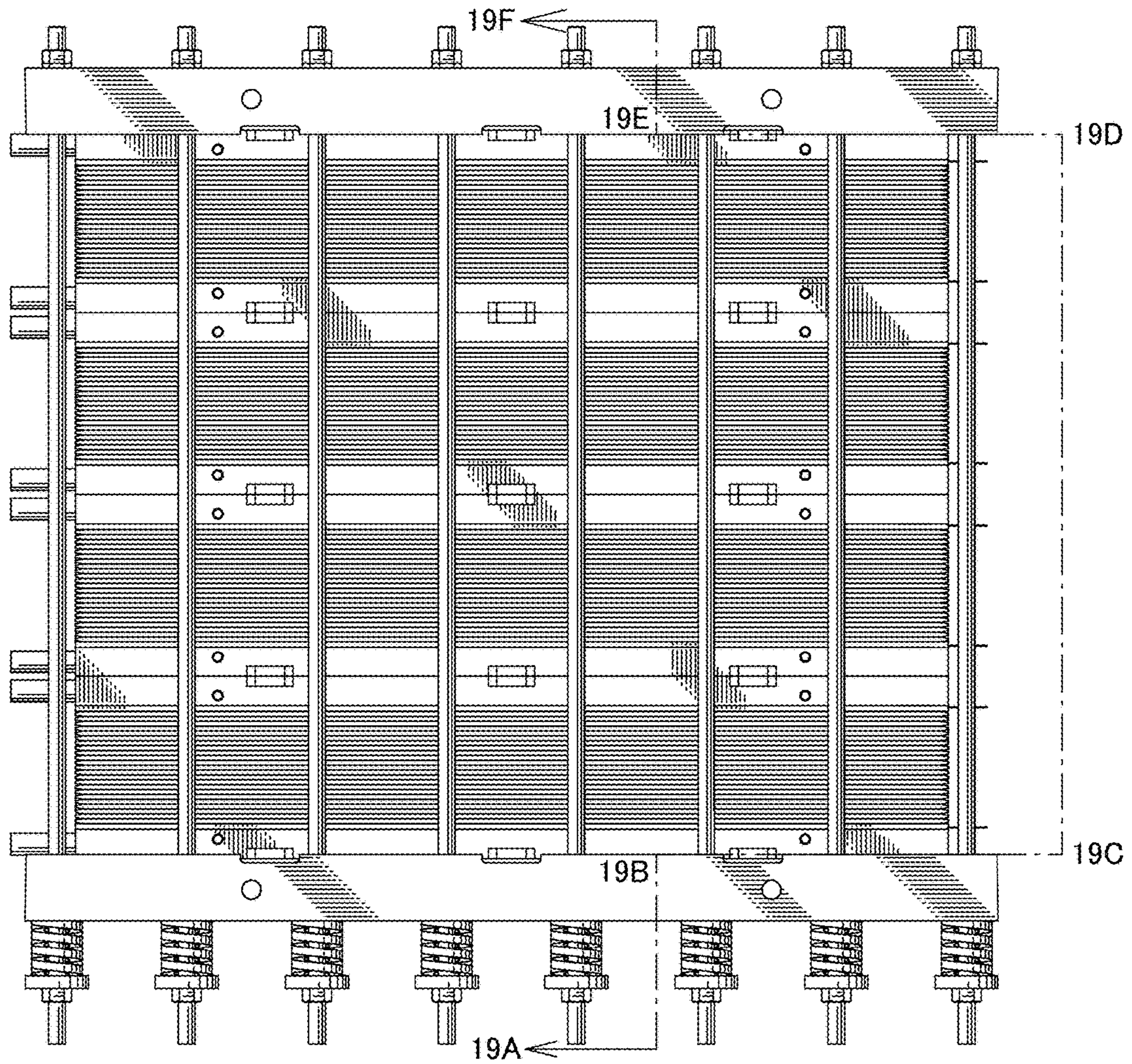




FIG.19

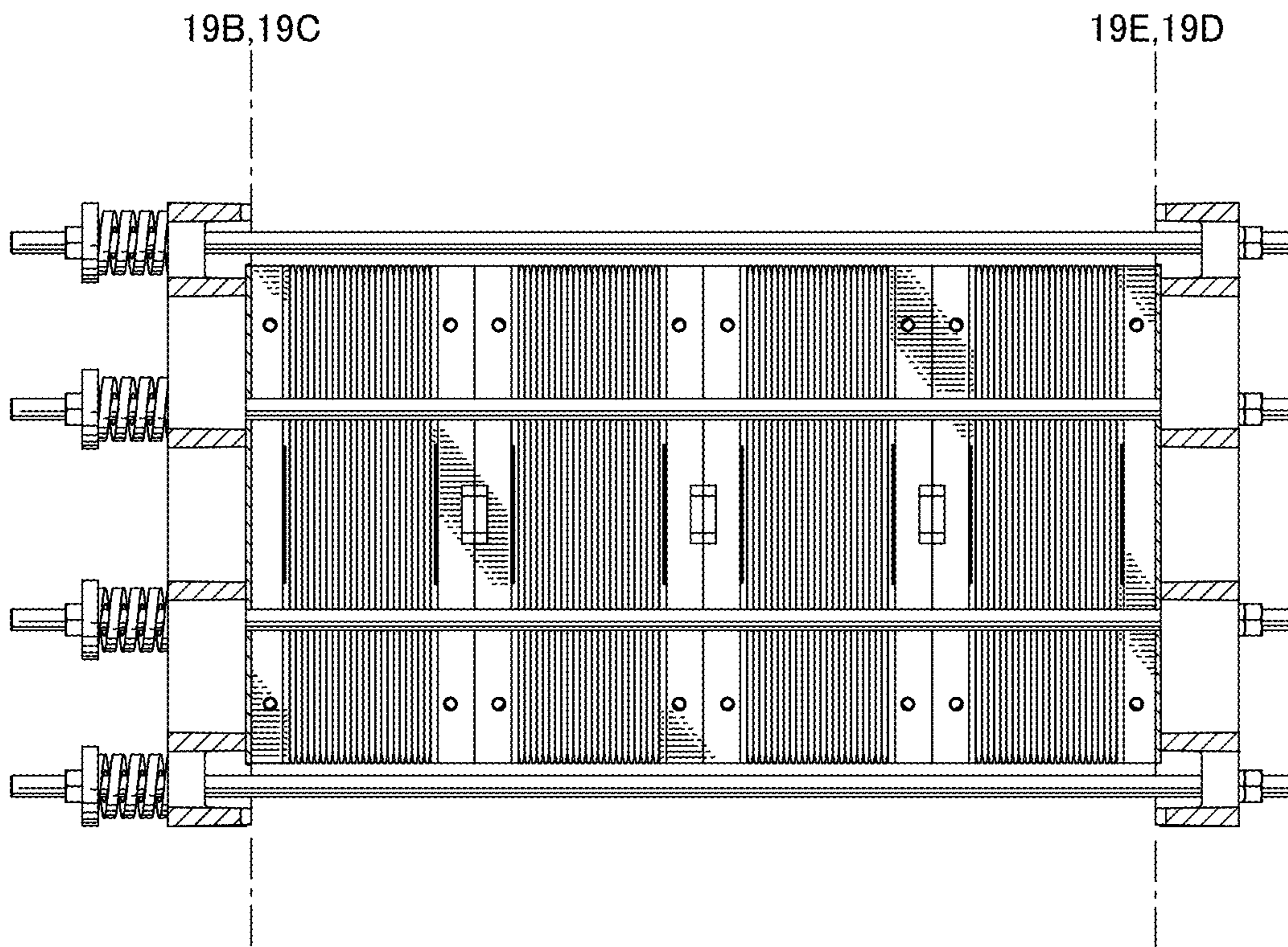


FIG.20

