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(12) **United States Design Patent**  
**Miyashita**

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(54) **ALIGNING UNIT FOR INDUSTRIAL ROBOT ARM**

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

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

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**Related U.S. Application Data**

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Oct. 4, 2016 (JP) ..... 2016-21559

(51) **LOC (12) Cl.** ..... **15-99**

(52) **U.S. Cl.**  
USPC ..... **D15/199**  
CPC ..... **F04D 29/10** (2013.01)

(58) **Field of Classification Search**  
USPC ..... D15/138, 143, 199  
CPC ..... F04D 29/10; F04D 29/043; F04D 29/049;  
F04D 29/053; F04D 29/059  
See application file for complete search history.

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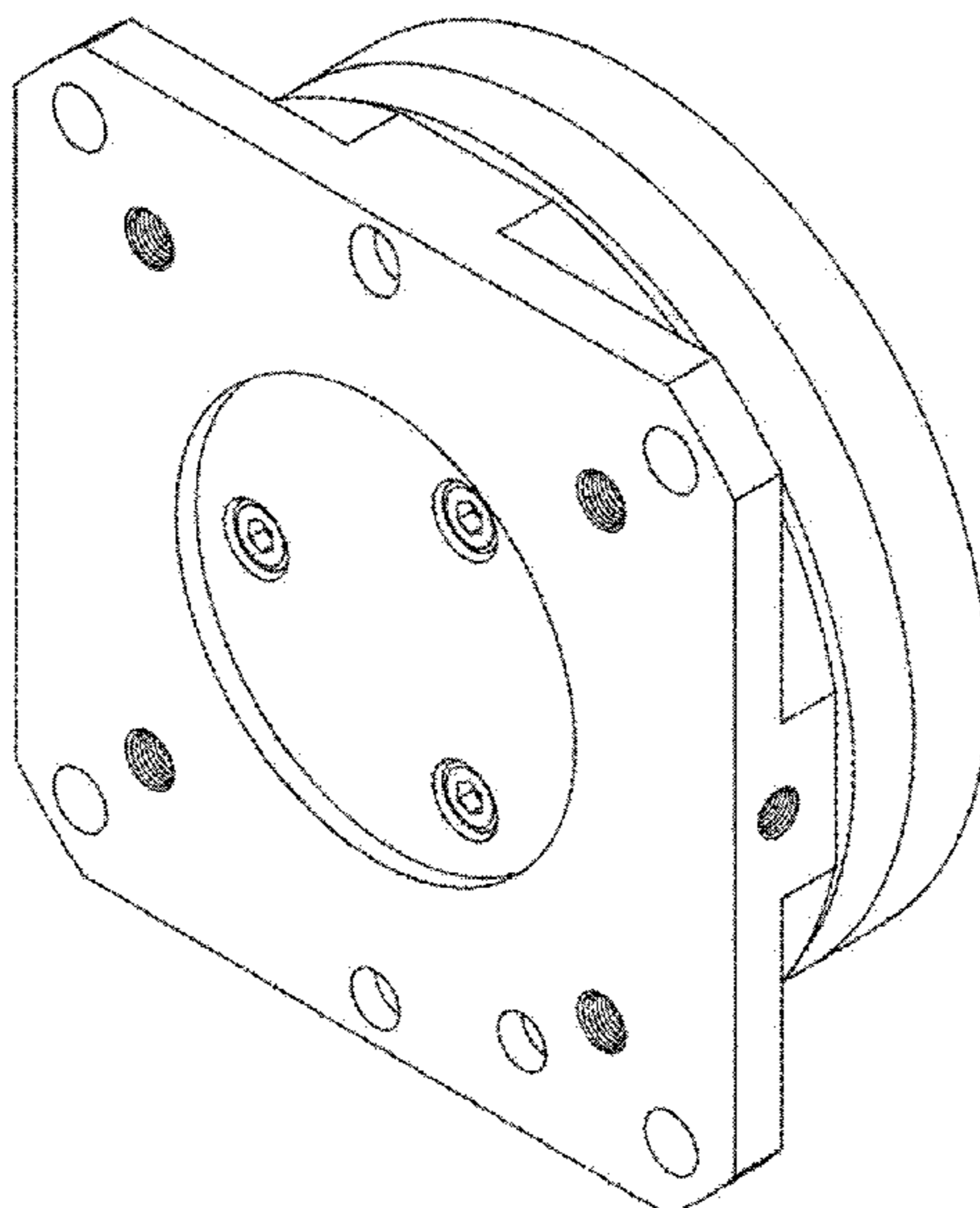
**CLAIM**

(57) The ornamental design for an aligning unit for industrial robot arm, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and right side perspective view of an aligning unit for industrial robot arm, comprising a new, original and ornamental design;  
FIG. 2 is a rear, top, right side perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a right view thereof; and,  
FIG. 8 is a left view thereof.

**1 Claim, 8 Drawing Sheets**



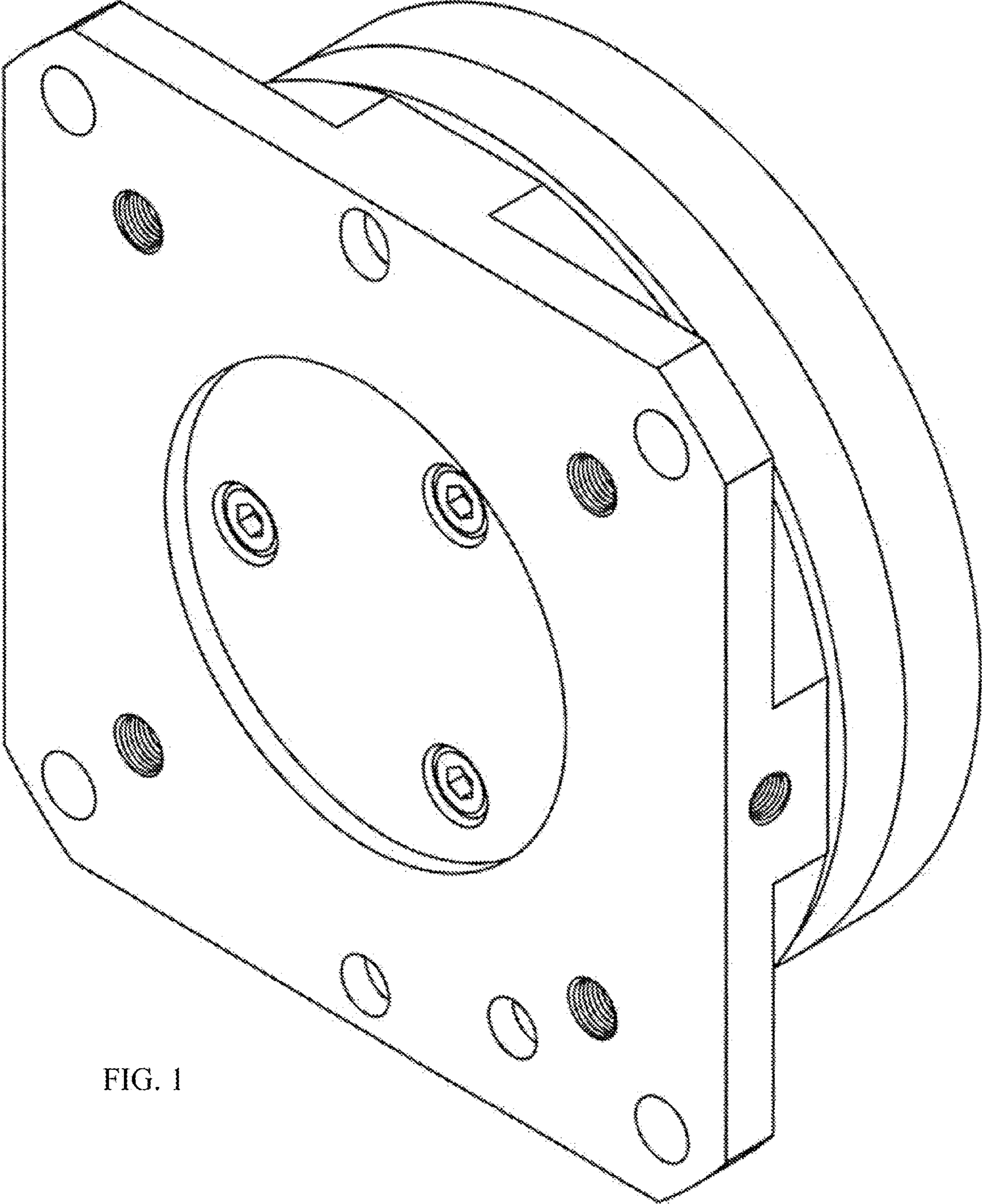


FIG. 1

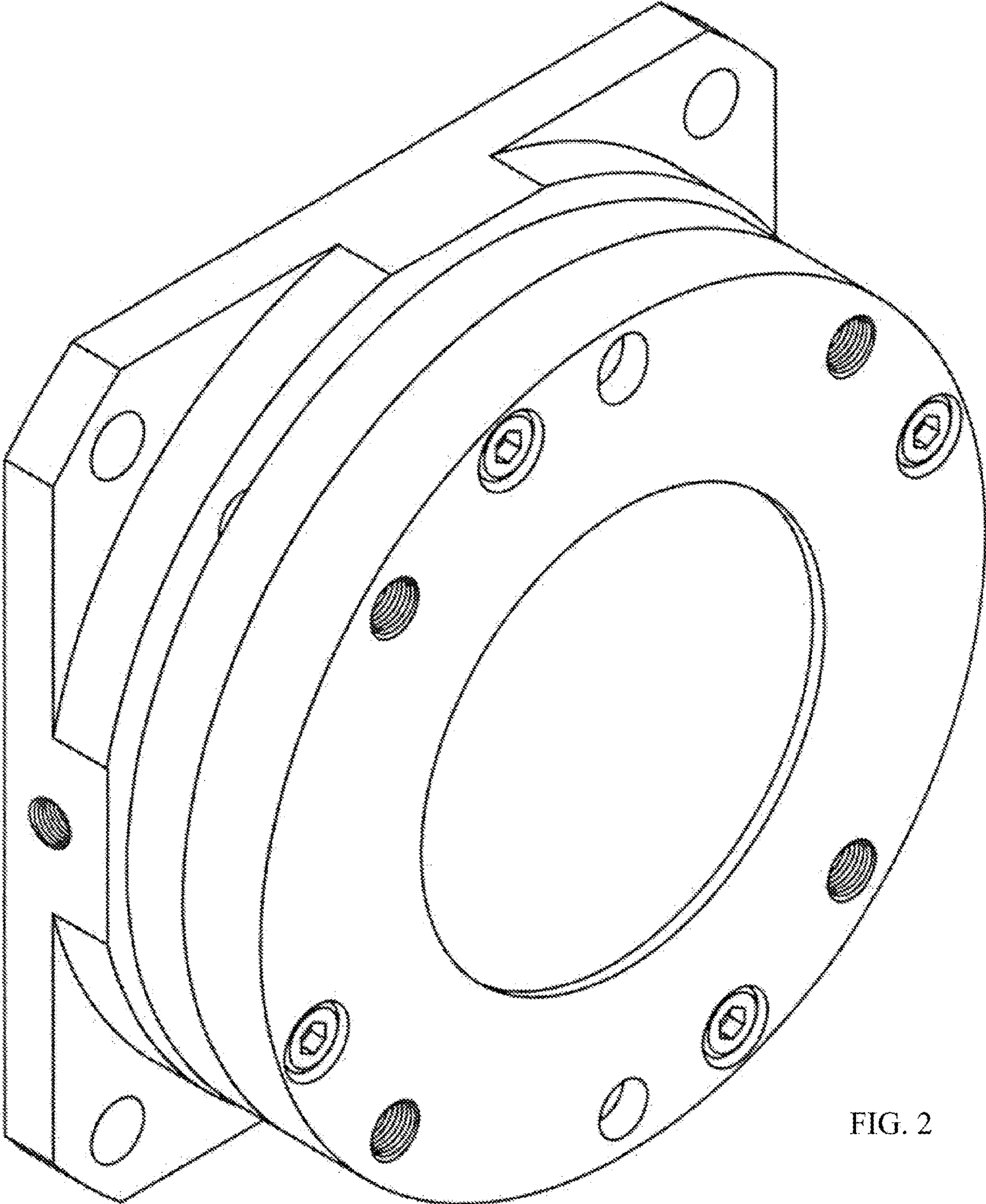


FIG. 2

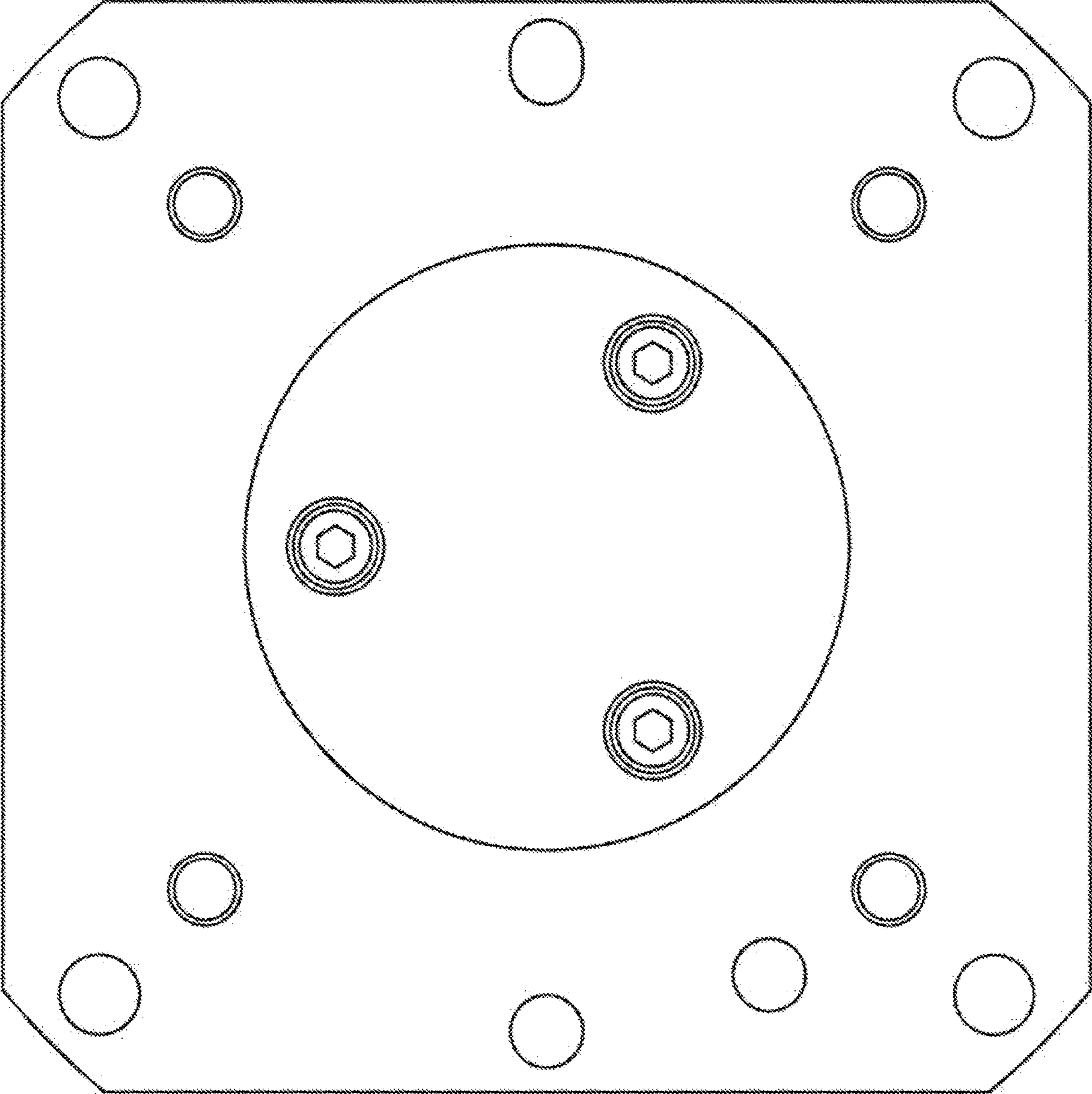


FIG. 3

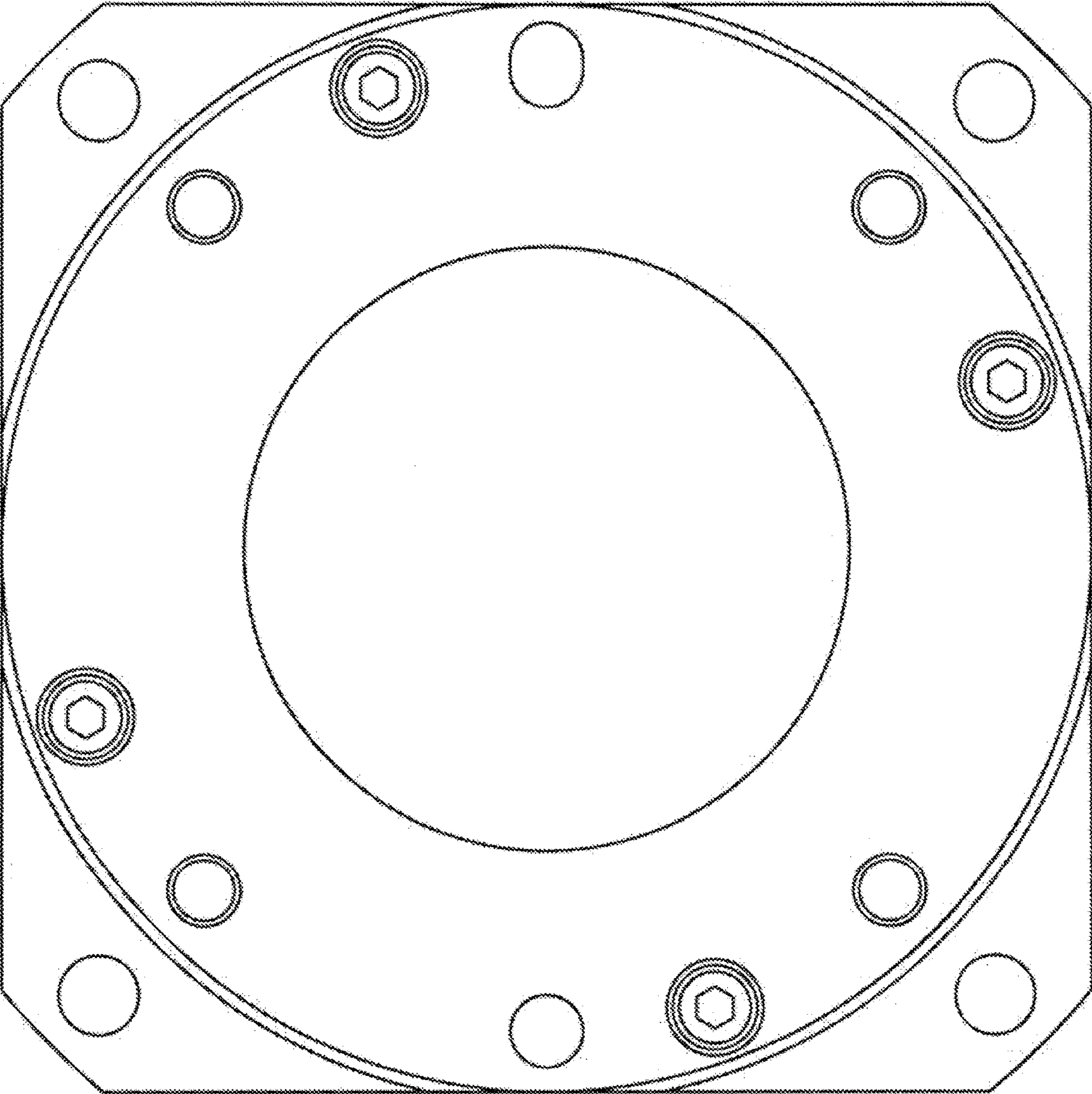


FIG. 4

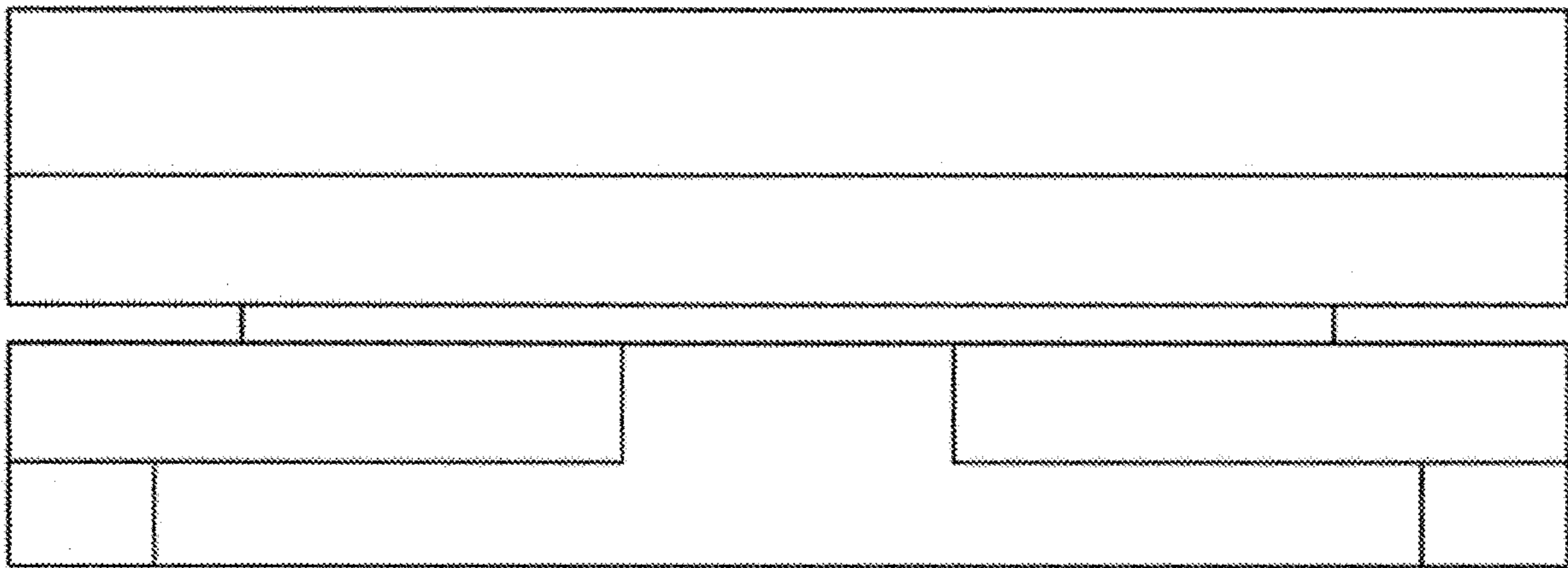


FIG. 5

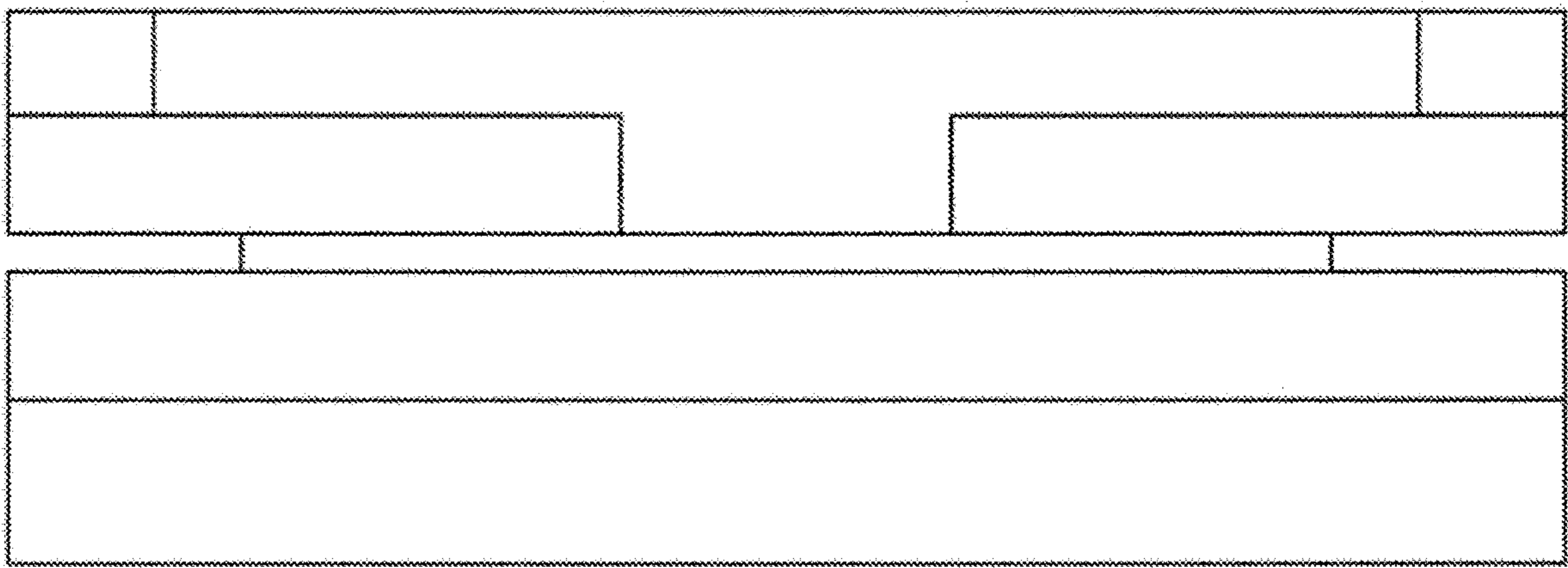


FIG. 6

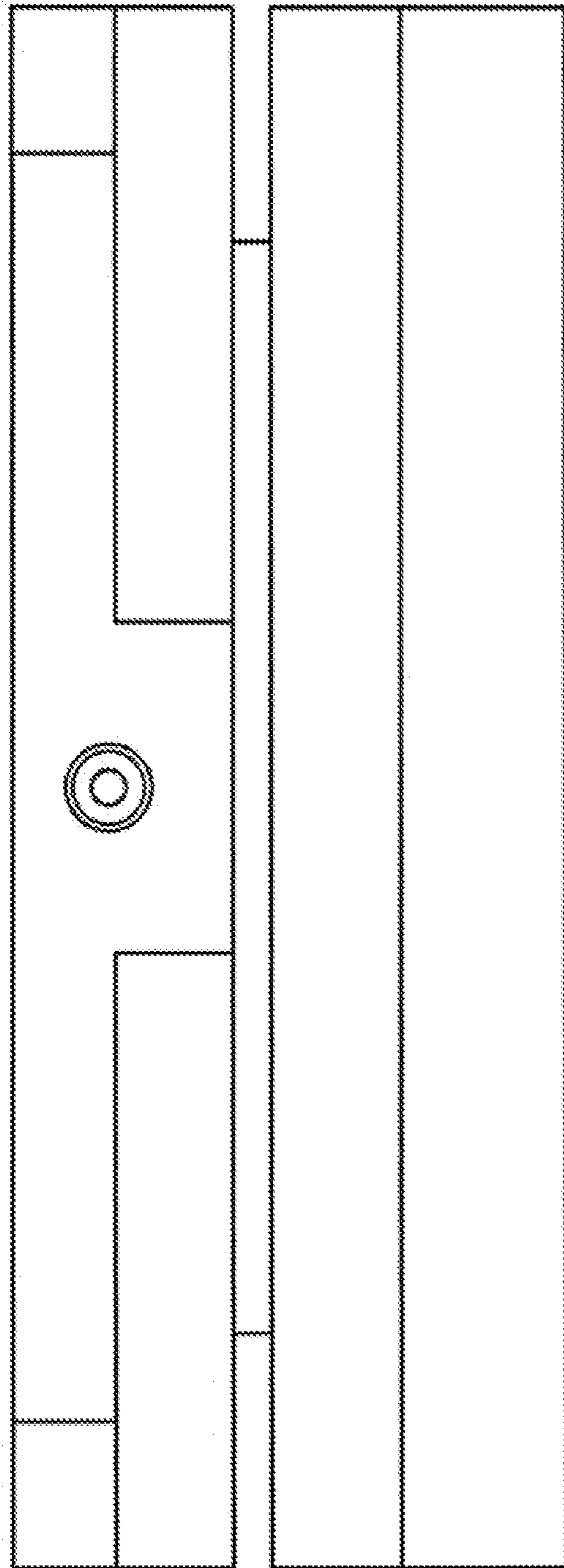


FIG. 7



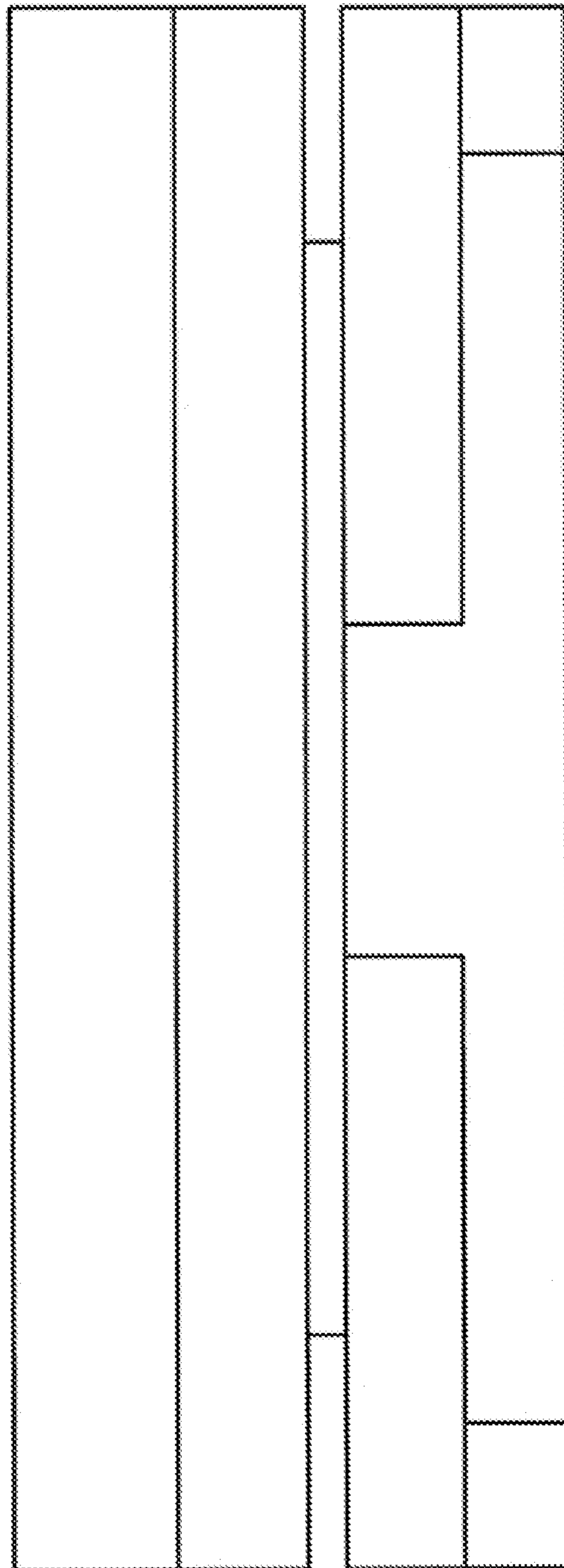


FIG. 8