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United States Design Patent

Kulkarni et al.

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(54) MIMO ANTENNA

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Ulrich L. Rohde, Paterson, NJ (US)

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Ulrich L. Rohde, Paterson, NJ (US)

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(**) Term: 15 Years

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(52) U.S. Cl.
USPC D14/230

(58) Field of Classification Search
USPC D14/230, 231–240, 299, 258; D9/232;
D5/300, 303, 310, 311
CPC H01Q 7/00; H01Q 13/10; H01Q 123/02;
H05K 5/00; F16L 3/2235; F16L 3/227;
Y10T 403/7141
See application file for complete search history.

Tensorbundle, “Measuring Mutual Coupling of a 4-port 4×4MIMO Antenna with a 2-port VNA”, available at youtube.com, date posted Jul. 24, 2021, site visited Jun. 1, 2023, available at URL: https://www.youtube.com/watch?v=QYS-iyGmEyc (Year: 2021).*

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Assistant Examiner — Samina Vieth
(74) Attorney, Agent, or Firm — Tatonetti IP

(57) CLAIM

The ornamental design for a MIMO antenna, as shown and described.

DESCRIPTION

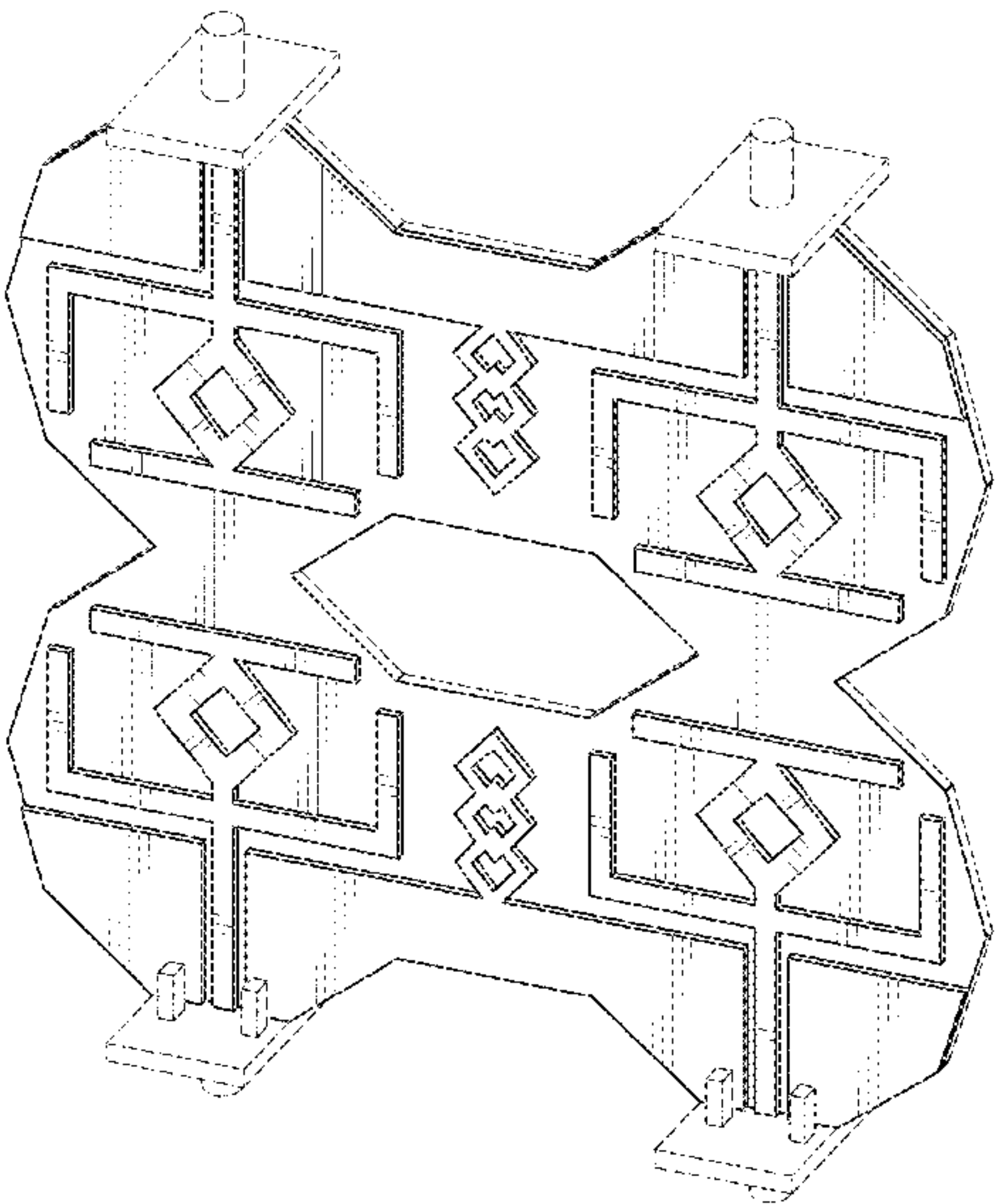
FIG. 1 is a front, right perspective view of a MIMO antenna, showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a front, right, exploded perspective view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right elevation view thereof, the left elevation view being a mirror image thereof; and,
FIG. 6 is a front elevation view thereof, the rear elevation view being a mirror image thereof.
Broken lines represent portions of the MIMO antenna that forms no part of the claimed design.

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1 Claim, 6 Drawing Sheets



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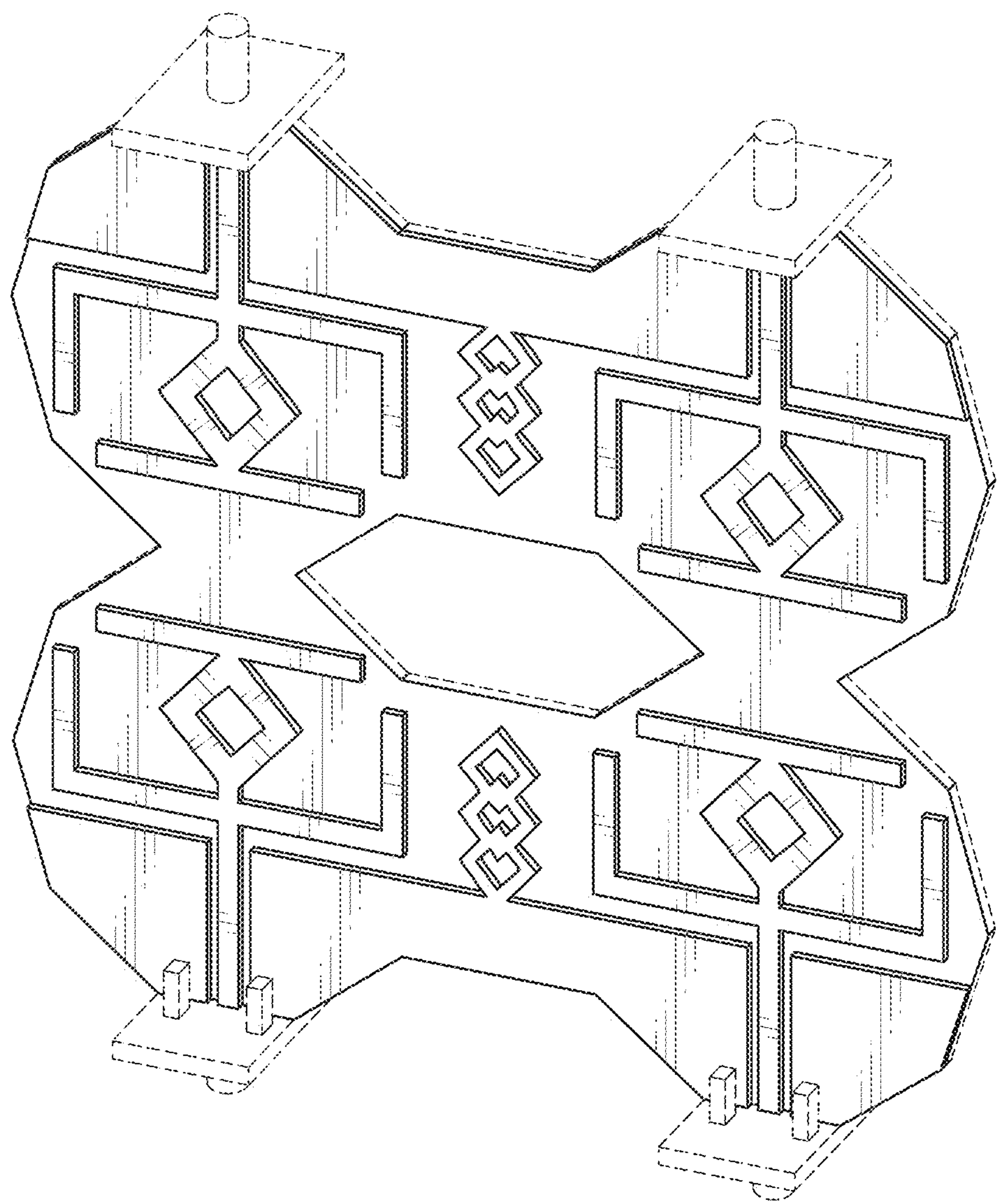


FIG. 1

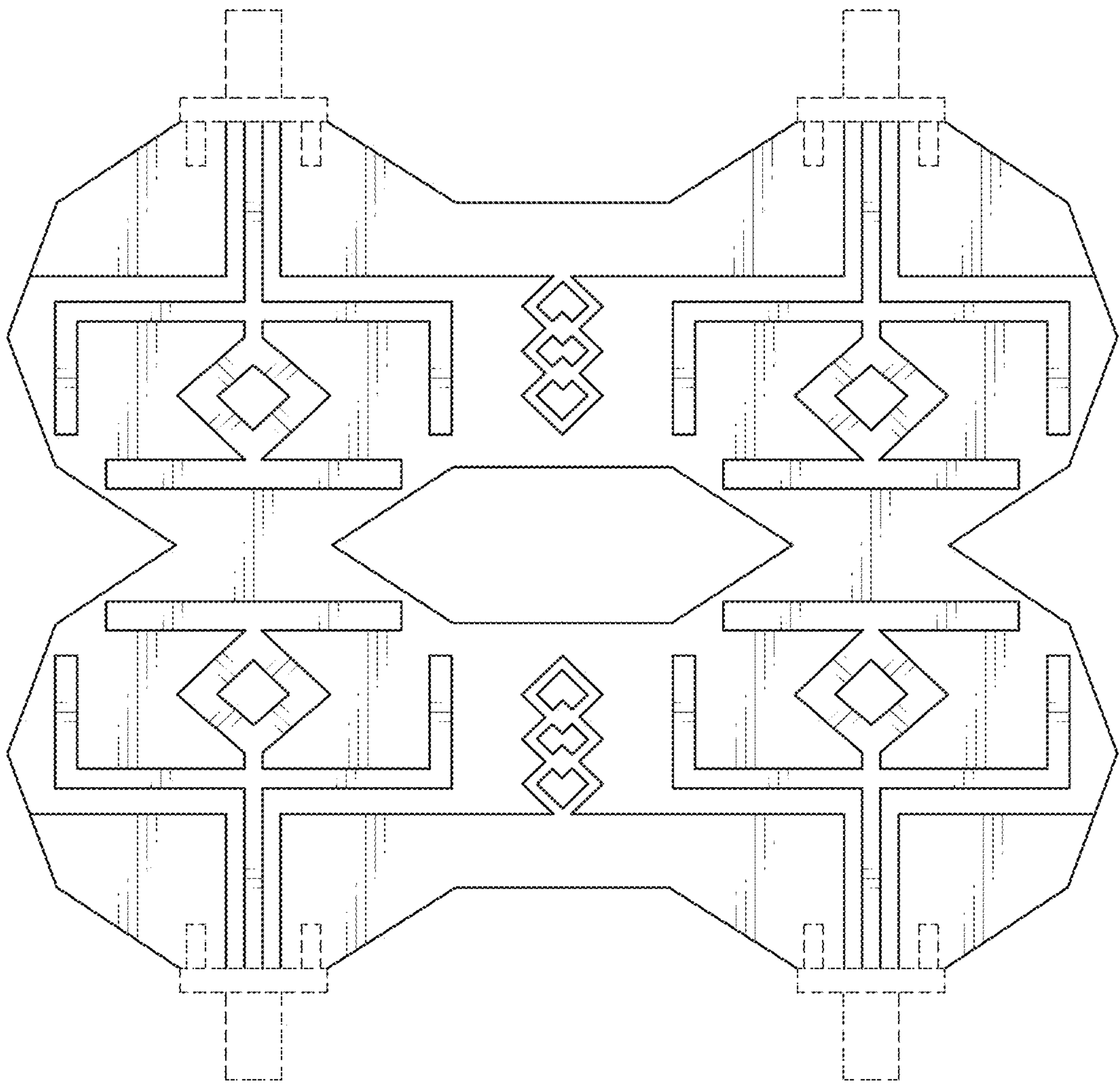


FIG. 2

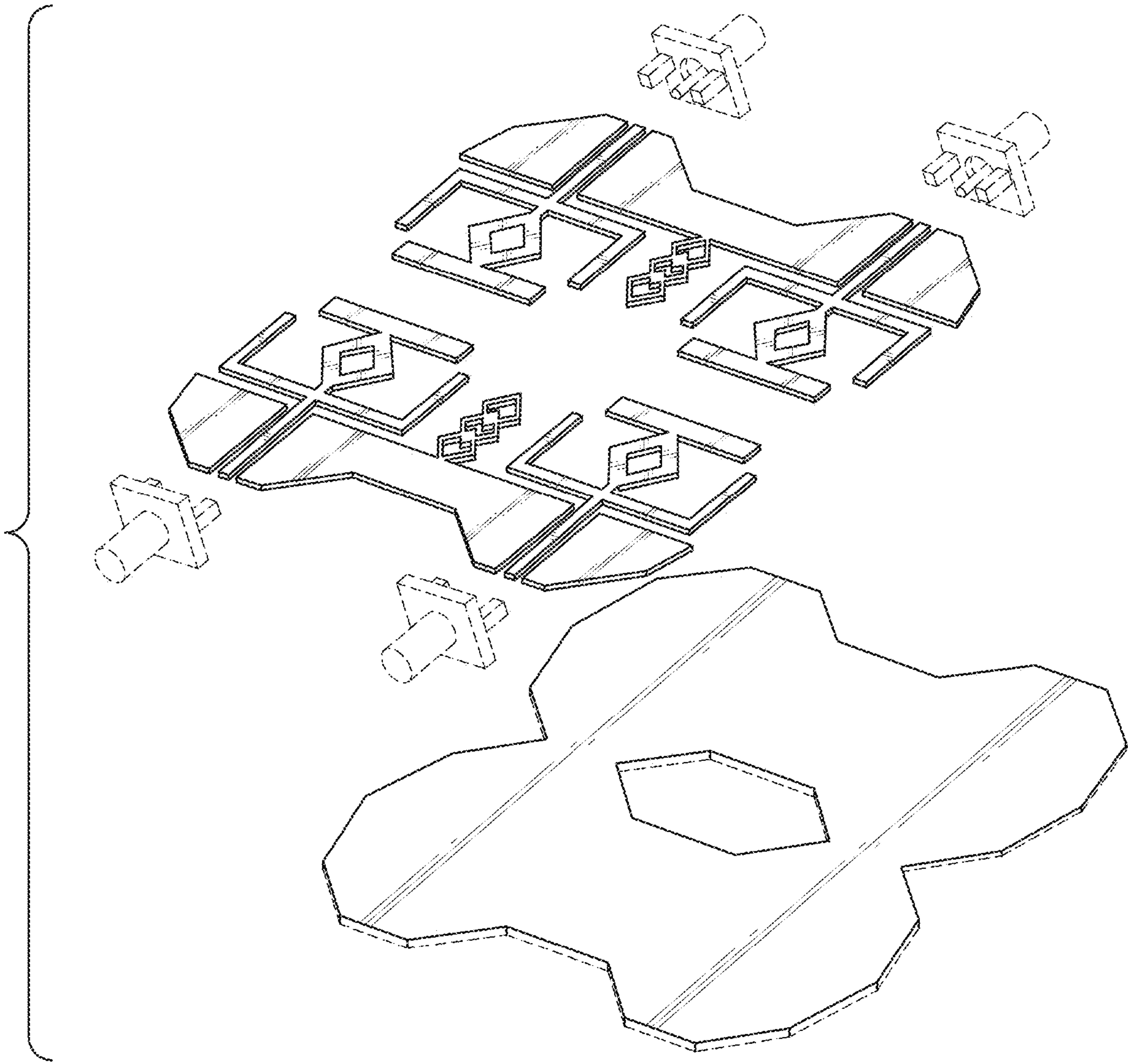


FIG. 3

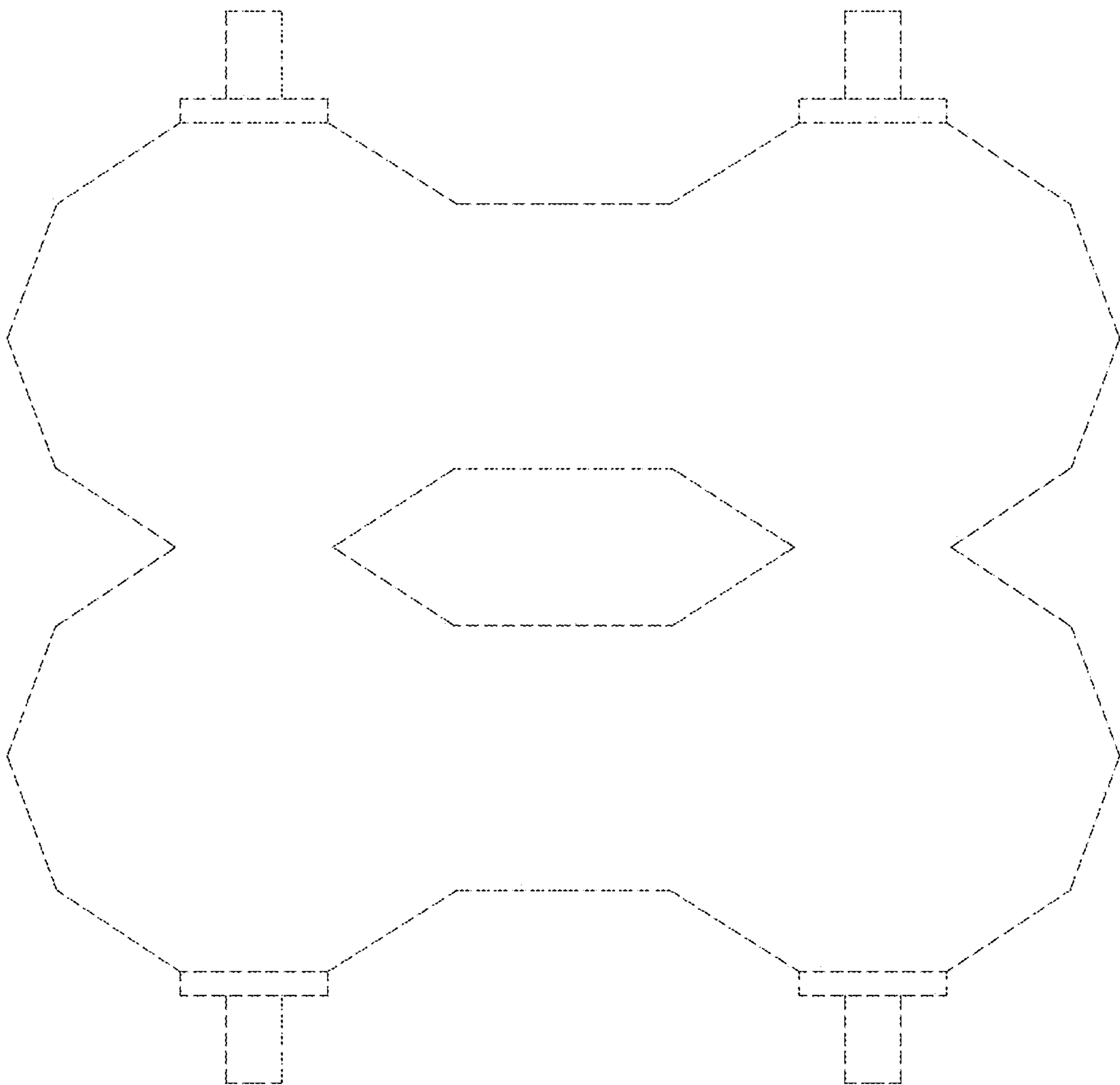


FIG. 4

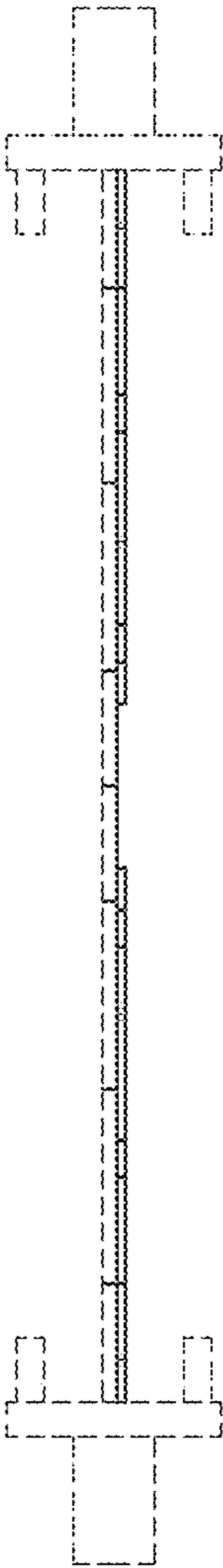


FIG. 5

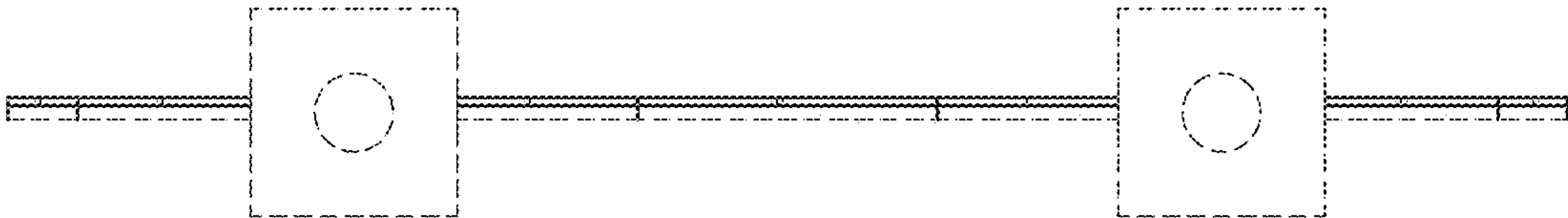


FIG. 6