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

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(54) **ANALYSIS CHIP FOR BIOCHEMICAL INSPECTION MACHINE**

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

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(30) **Foreign Application Priority Data**

Aug. 21, 2020 (JP) 2020-017573

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/226**

(58) **Field of Classification Search**
USPC D24/216, 224, 225–227, 229–232;
D13/180, 182, 184, 199
CPC B01L 3/5027; B01L 3/502723; B01L
3/502738; B01L 3/502761; B01L
3/502784

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D650,090 S * 12/2011 Odeh D24/225
D887,998 S * 6/2020 Krasnopolski D13/182
D888,273 S * 6/2020 Thompson, II D24/224
D928,344 S * 8/2021 Takeuchi D24/233
D932,051 S * 9/2021 Masuda D24/225
D933,253 S * 10/2021 Ishizawa D24/226
D938,611 S * 12/2021 Thompson, II D24/224
2007/0249062 A1 * 10/2007 Kageyama B01L 3/502746
436/514

2011/0244595 A1* 10/2011 Chung B01L 3/502707
137/15.01
2015/0190811 A1* 7/2015 Tachibana C12M 33/00
435/305.1
2015/0284668 A1* 10/2015 Hsu C12M 23/38
435/305.4

(Continued)

FOREIGN PATENT DOCUMENTS

IN 322331-001 * 4/2021

OTHER PUBLICATIONS

Microfluidic Technologies Diagnose World's Return to Normal. Online, published date Jun. 22, 2020. Retrieved on Apr. 3, 2022 from URL: <https://www.eetimes.eu/microfluidic-technologies-diagnose-worlds-return-to-normal/>.*

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(57) **CLAIM**

The ornamental design for an analysis chip for biochemical inspection machine, as shown and described.

DESCRIPTION

FIG. 1 is a top-front-right perspective view of an analysis chip for biochemical inspection machine showing my new design;

FIG. 2 is a top-rear-left perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

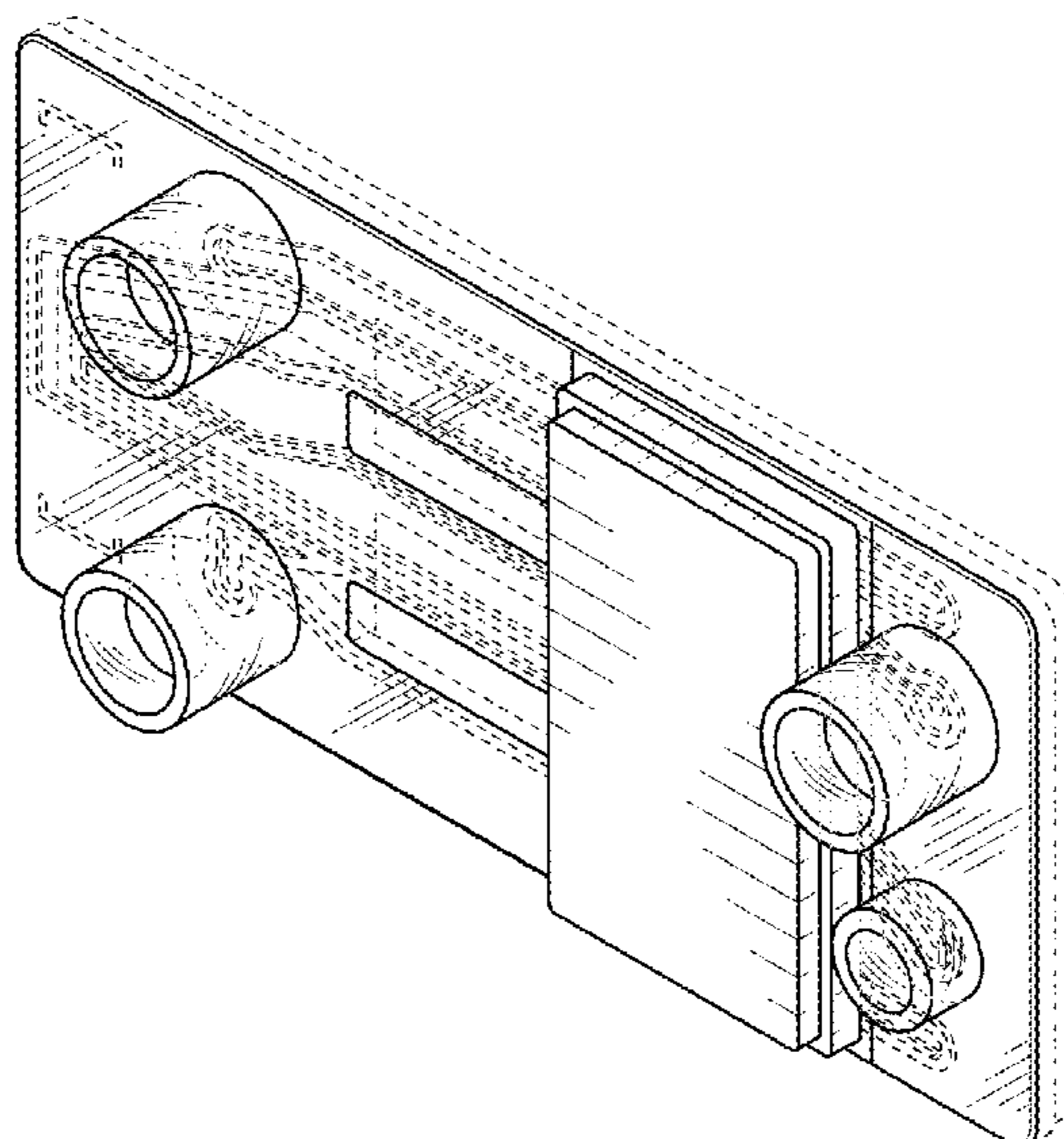
FIG. 6 is a left side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines, the areas within the broken lines, and the areas bounded by the broken lines and solid lines depict portions of the analysis chip for biochemical inspection machine that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0297021 A1* 10/2017 Chung B01L 3/502715
2020/0249232 A1* 8/2020 Konstantopoulos
G01N 33/5091
2020/0406263 A1* 12/2020 Milgram B01L 3/502776

* cited by examiner

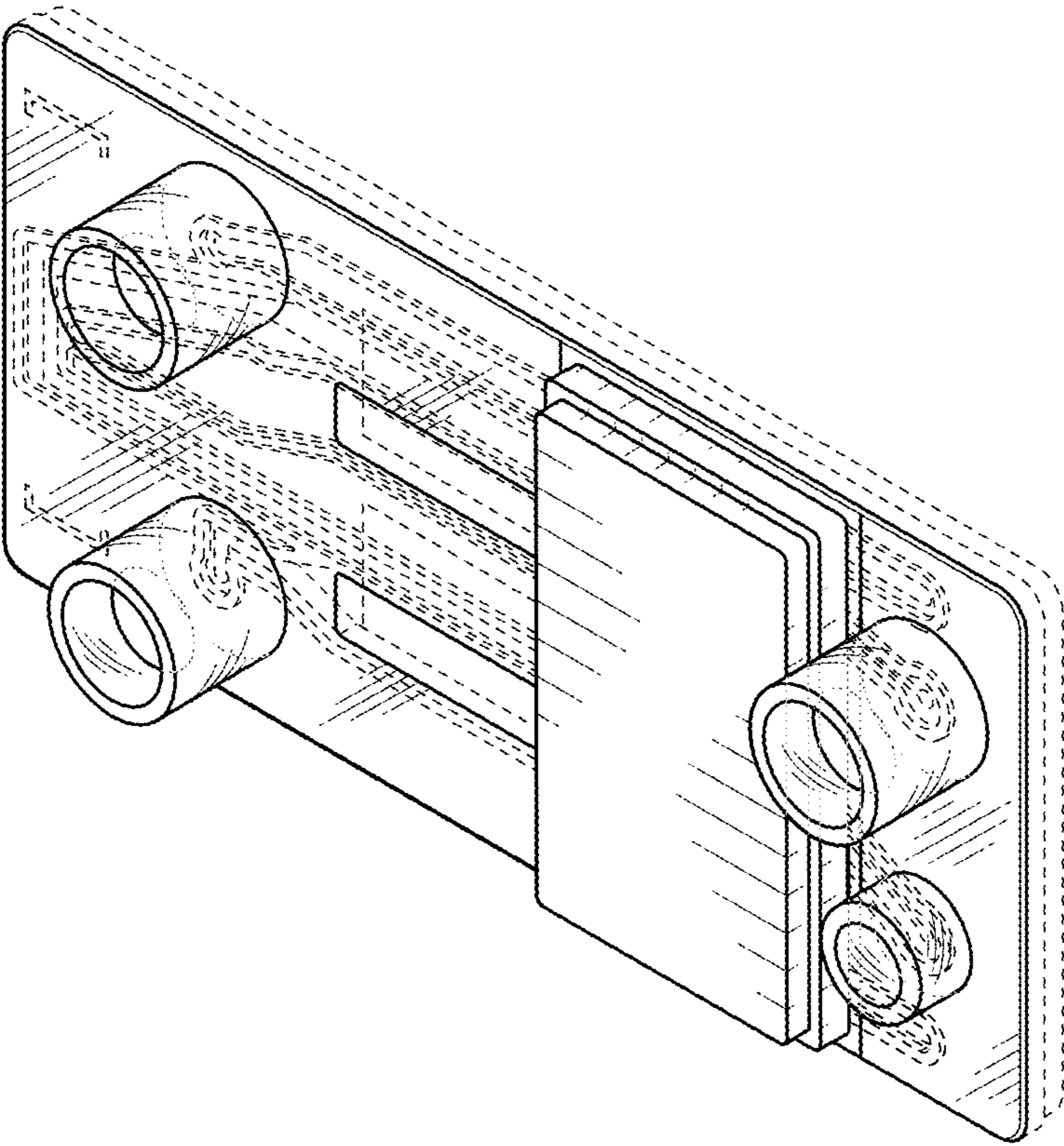


FIG. 1

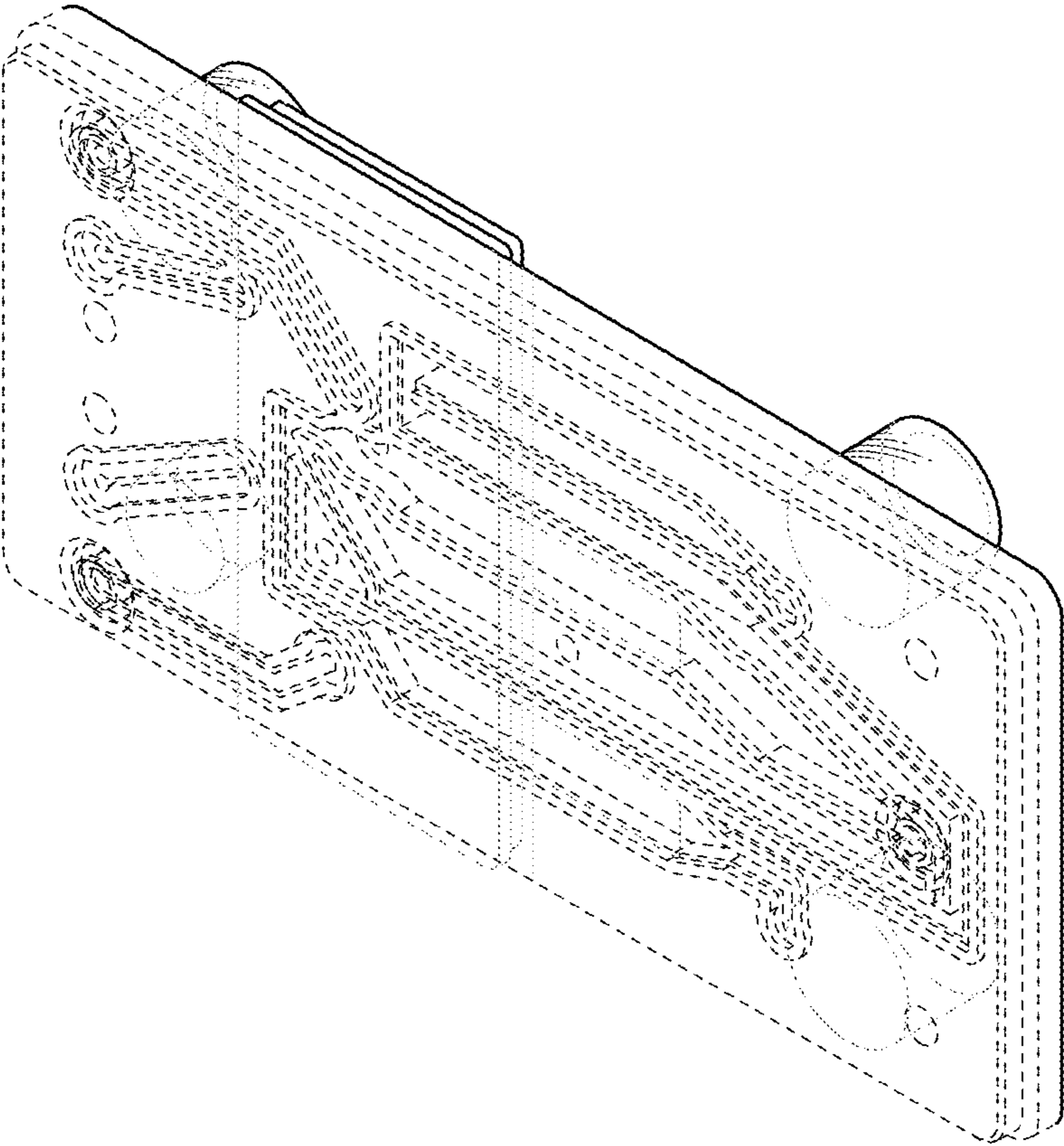


FIG. 2

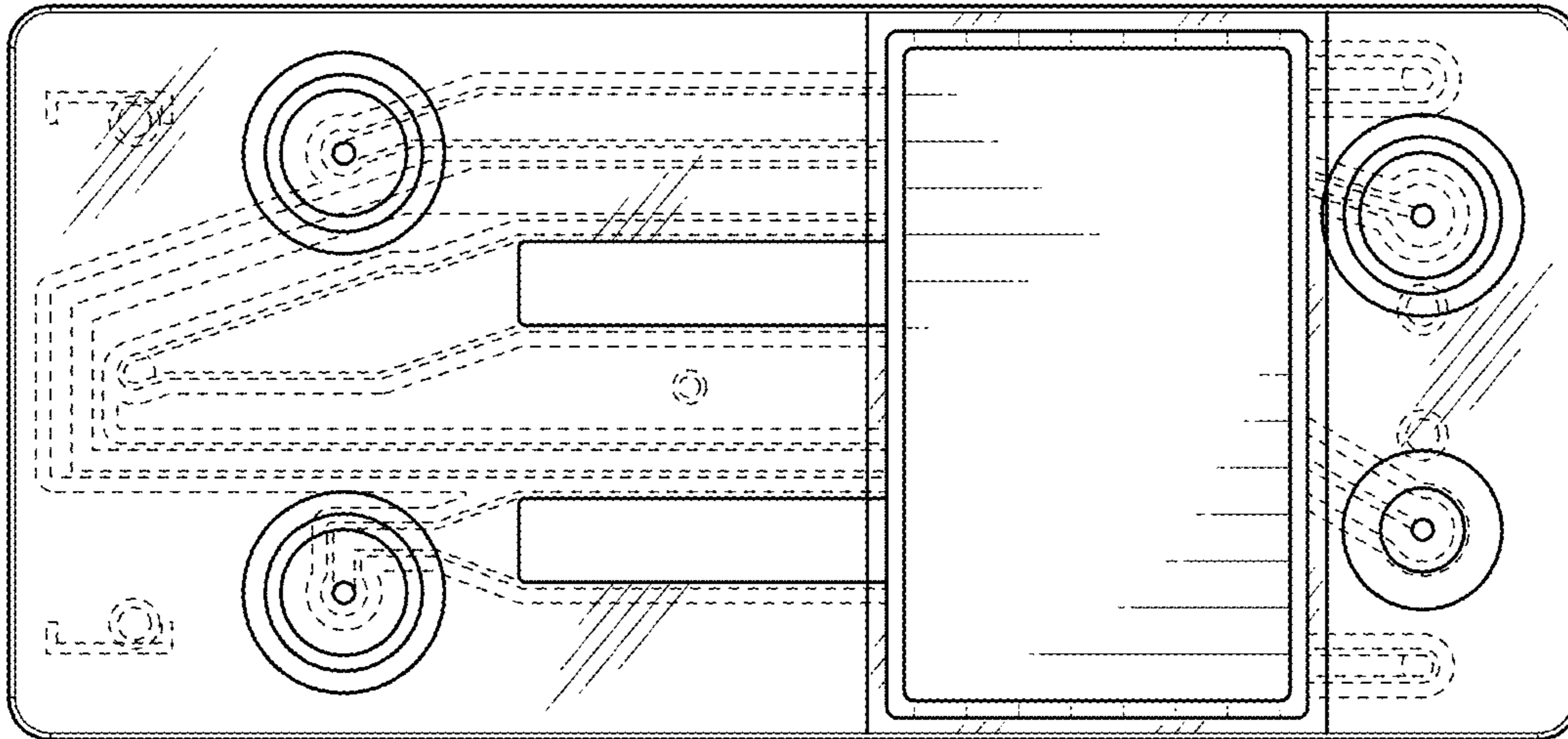


FIG. 3

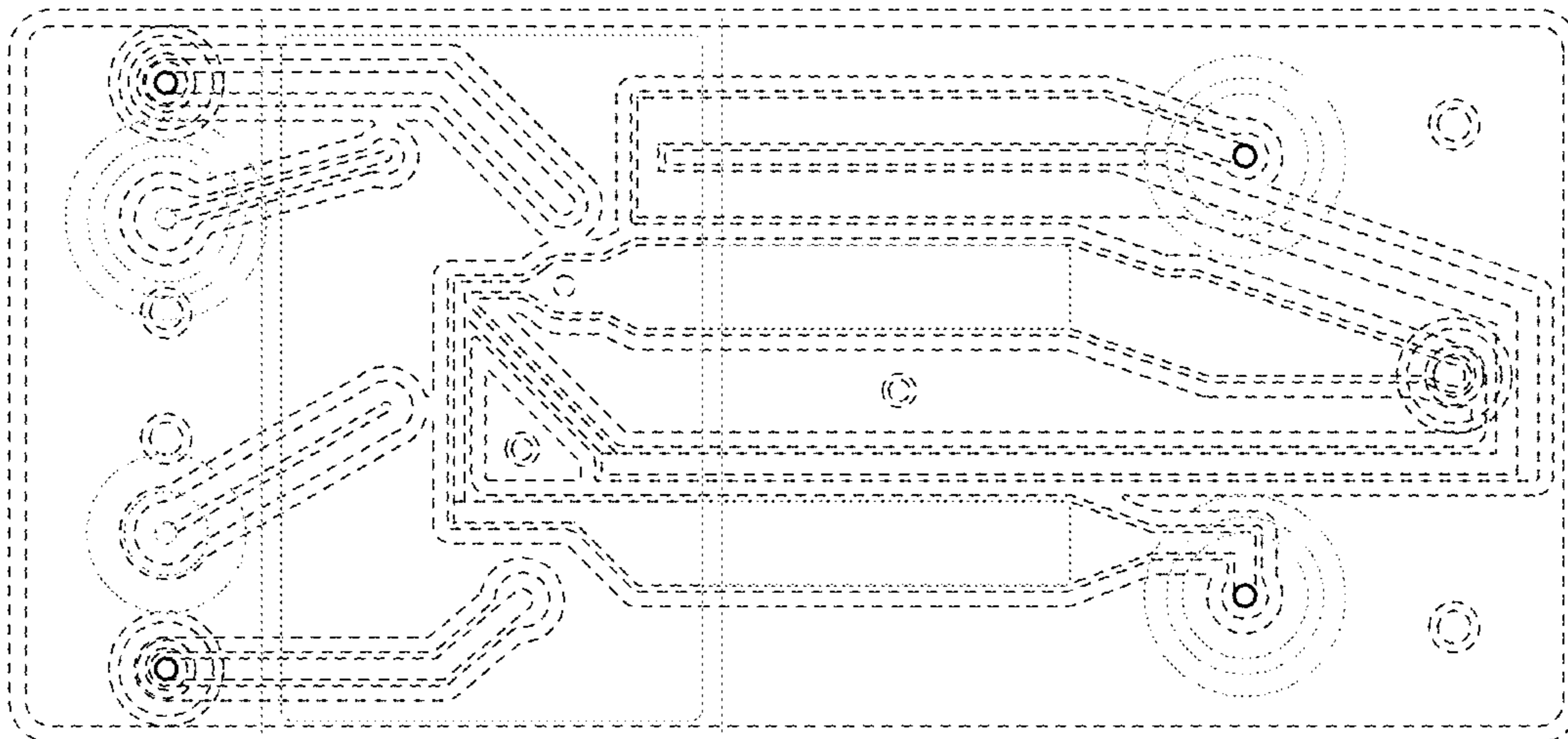


FIG. 4

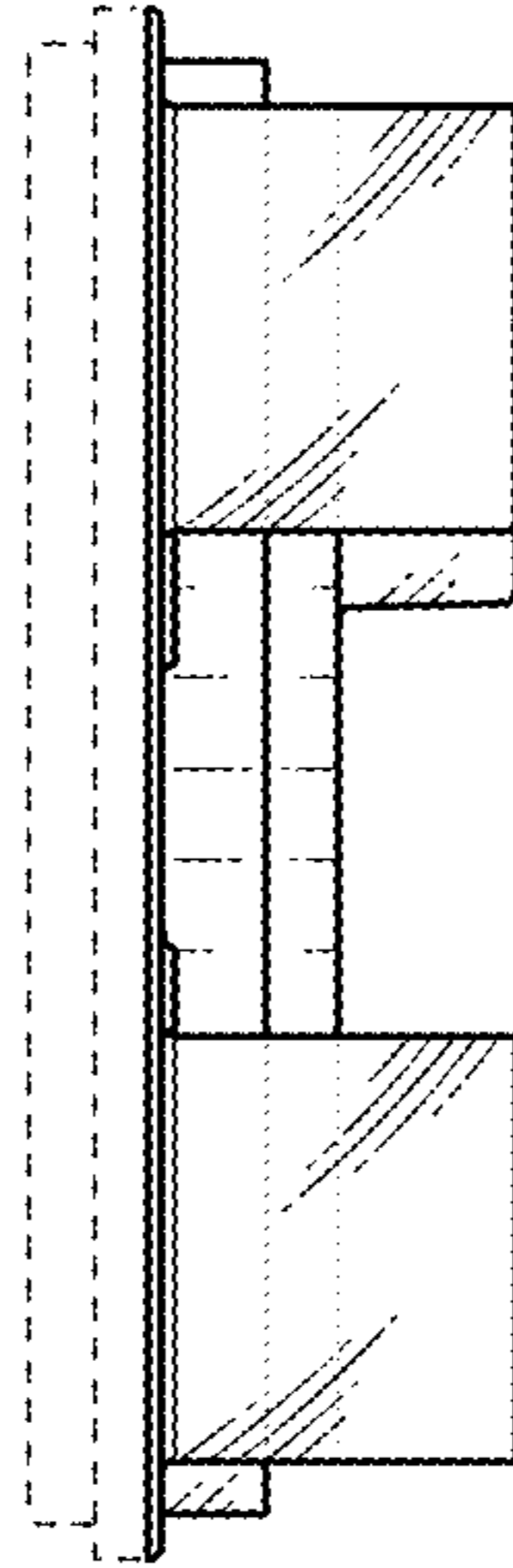


FIG. 5

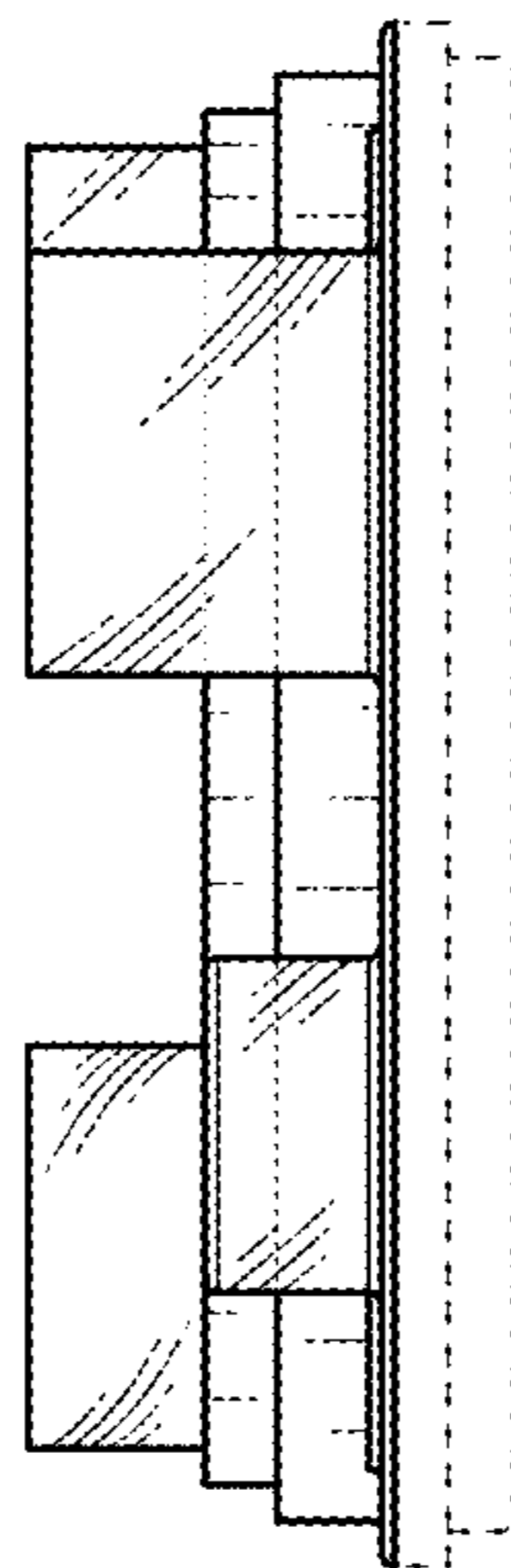


FIG. 6

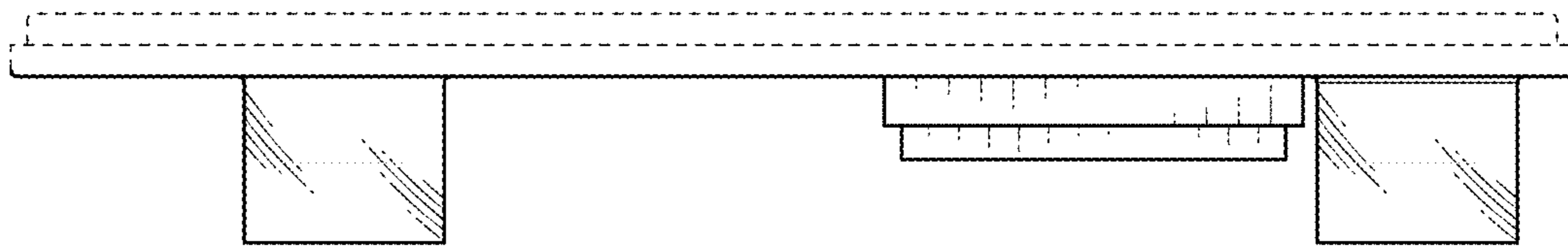


FIG. 7

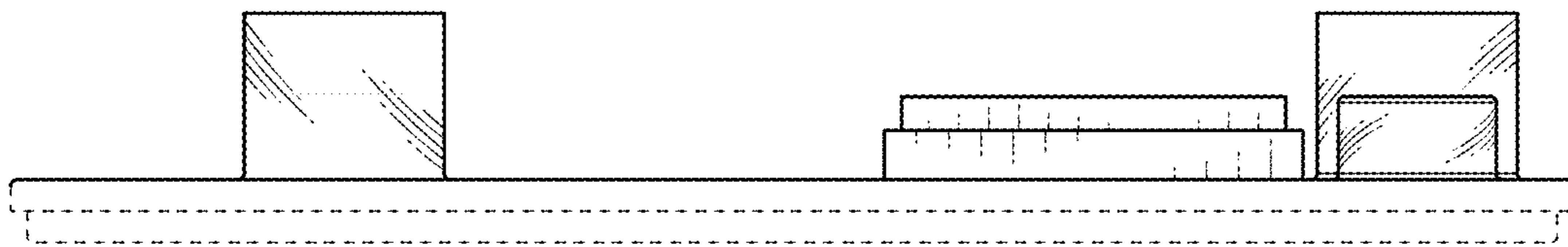


FIG. 8