US00D952181S

(12) United States Design Patent

Masuda et al.

(10) Patent No.: US D952,181 S
(45) Date of Patent: ** May 17, 2022

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

(71) Applicant: **KYOCERA Corporation**, Kyoto (JP)

(72) Inventors: **Yuji Masuda**, Yasu (JP); **Masashi Yoneta**, Kagoshima (JP)

(73) Assignee: **KYOCERA CORPORATION**, Kyoto (JP)

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

(21) Appl. No.: **29/704,291**

(22) Filed: **Sep. 3, 2019**

(30) **Foreign Application Priority Data**

Aug. 30, 2019 (JP) 2019-019351

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

(52) **U.S. Cl.**
USPC **D24/225**; D24/224

(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

D589,011 S * 3/2009 Di Stefano D13/182
D733,079 S * 6/2015 Chen D13/180
D848,384 S * 5/2019 Feng D13/182
D851,275 S * 6/2019 Spuhler D24/225
D857,228 S * 8/2019 Kaplan D24/225
D886,901 S * 6/2020 Hussey D18/56
D887,998 S * 6/2020 Krasnopolski D13/182
D887,999 S * 6/2020 Chen D13/182
D888,270 S * 6/2020 Thompson, II D24/224
D888,273 S * 6/2020 Thompson, II D24/224
10,697,986 B2 * 6/2020 Delamarche B01L 3/502746
2011/0226339 A1 * 9/2011 Aoki B01L 3/502723 137/1

(Continued)

OTHER PUBLICATIONS

What is a Microfluidic Chip? Online, published date unknown. Retrieved on Jan. 4, 2021 from URL: https://www.fluigent.com/resources/microfluidic-expertise/what-is-microfluidic/how-to-choose-a-microfluidic-chip/.*

Primary Examiner — Omeed Agilee
(74) *Attorney, Agent, or Firm* — Hauptman Ham, LLP

(57) **CLAIM**

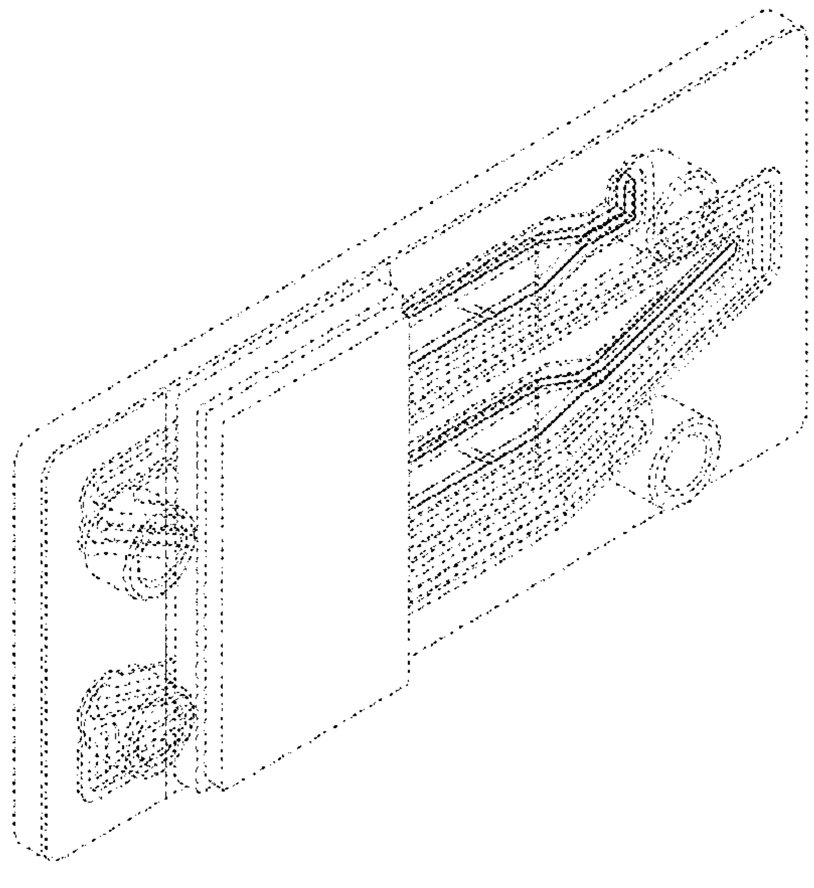
The ornamental design for an analysis chip for biochemical testing machine, as shown and described.

DESCRIPTION

FIG. **1** is a front view of an analysis chip for biochemical testing machine showing our new design;
FIG. **2** is a rear view thereof;
FIG. **3** is a left side view thereof;
FIG. **4** is a right side view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a front perspective view thereof;
FIG. **8** is a rear perspective view thereof;
FIG. **9** is a sectional view taken from line **9-9** in FIG. **1**; and,
FIG. **10** is an enlarged view of area **10** circumscribed in FIG. **2**.

The dashed lines in the drawings depict portions of the analysis chip for biochemical testing machine that form no part of the claimed design. The dashed-dotted lines depict the boundaries of the enlarged views that form no part of the claimed design. The dot-dot dashed lines depict the boundaries of the claimed design and form no part thereof.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2018/0245144	A1*	8/2018	Magro	B01L 7/52
2018/0369813	A1*	12/2018	Delamarche	F16K 99/0034
2020/0368748	A1*	11/2020	Li	C12M 47/04

* cited by examiner

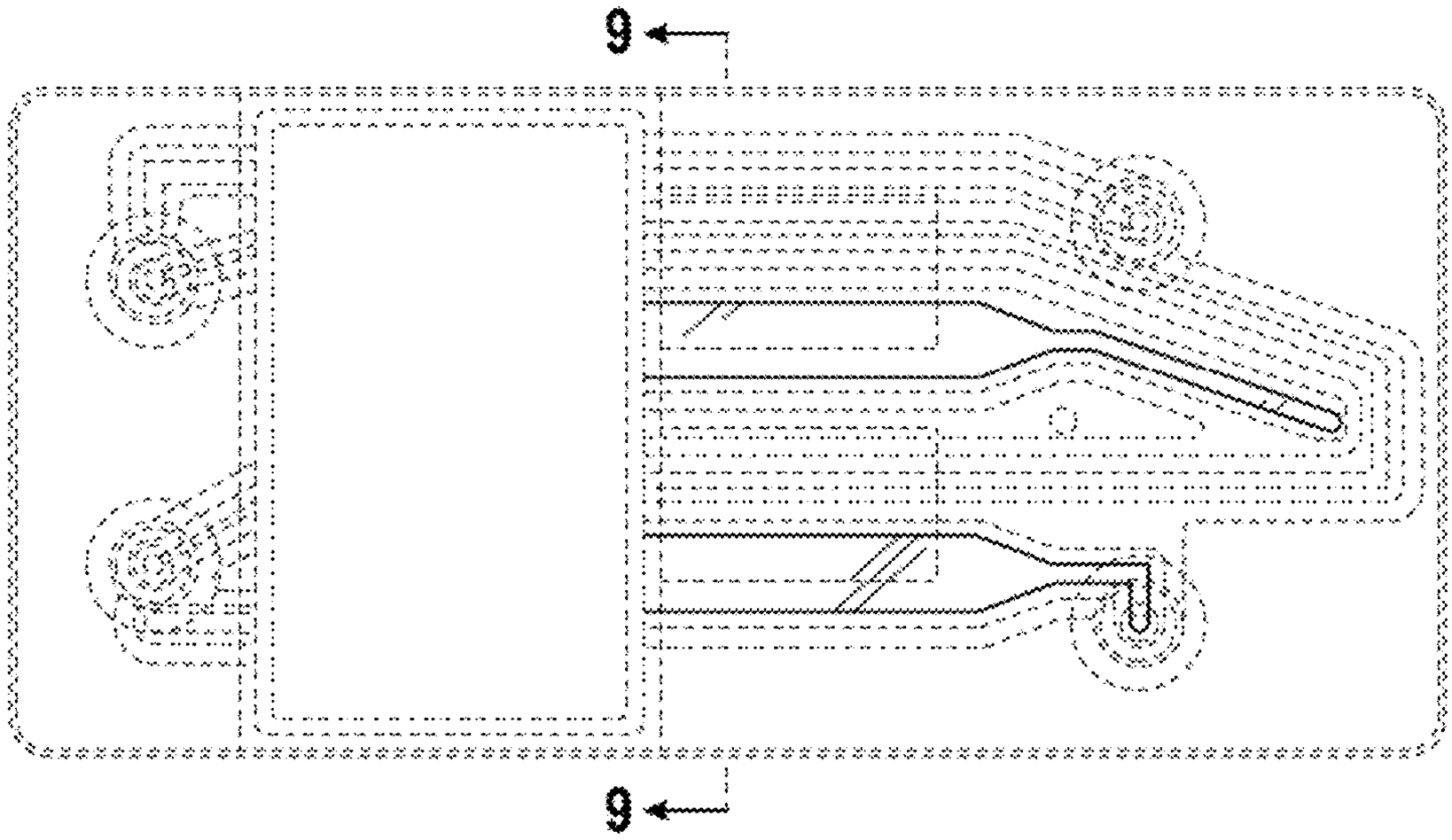


FIG. 1

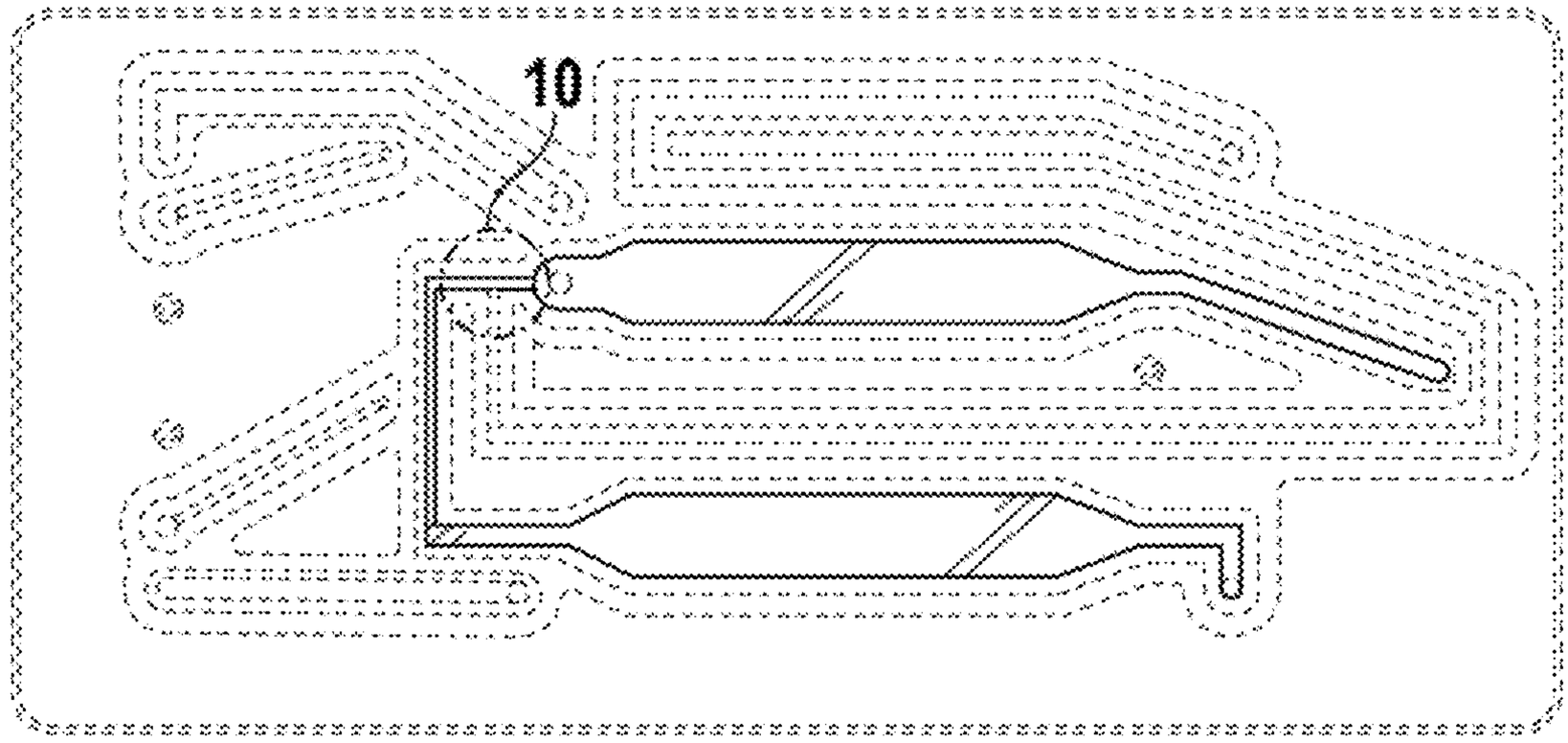


FIG. 2

FIG. 3

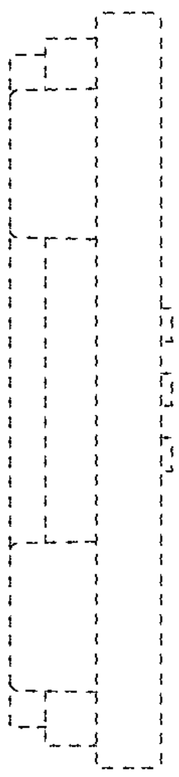


FIG. 4

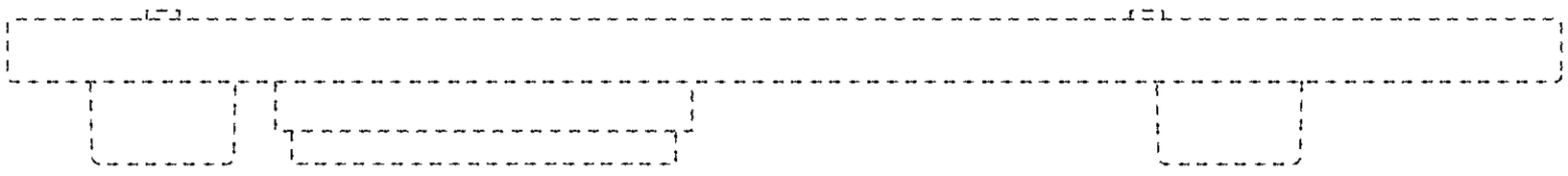


FIG. 5

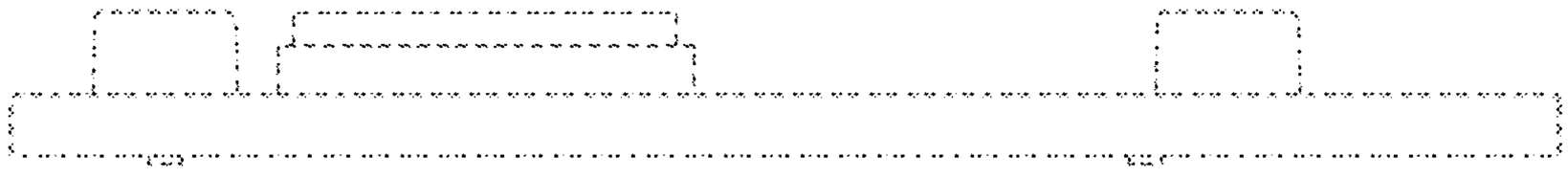


FIG. 6

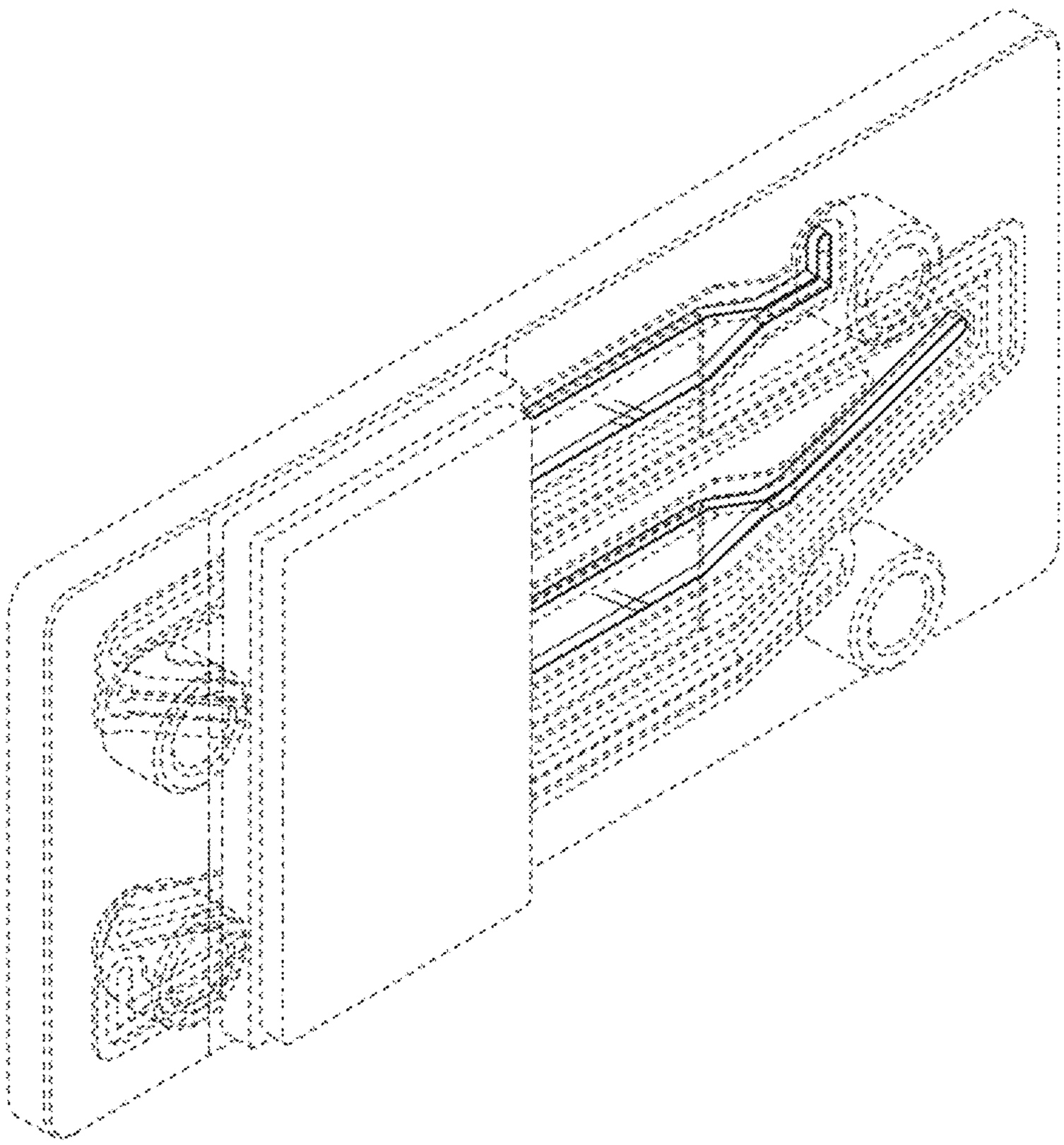


FIG. 7

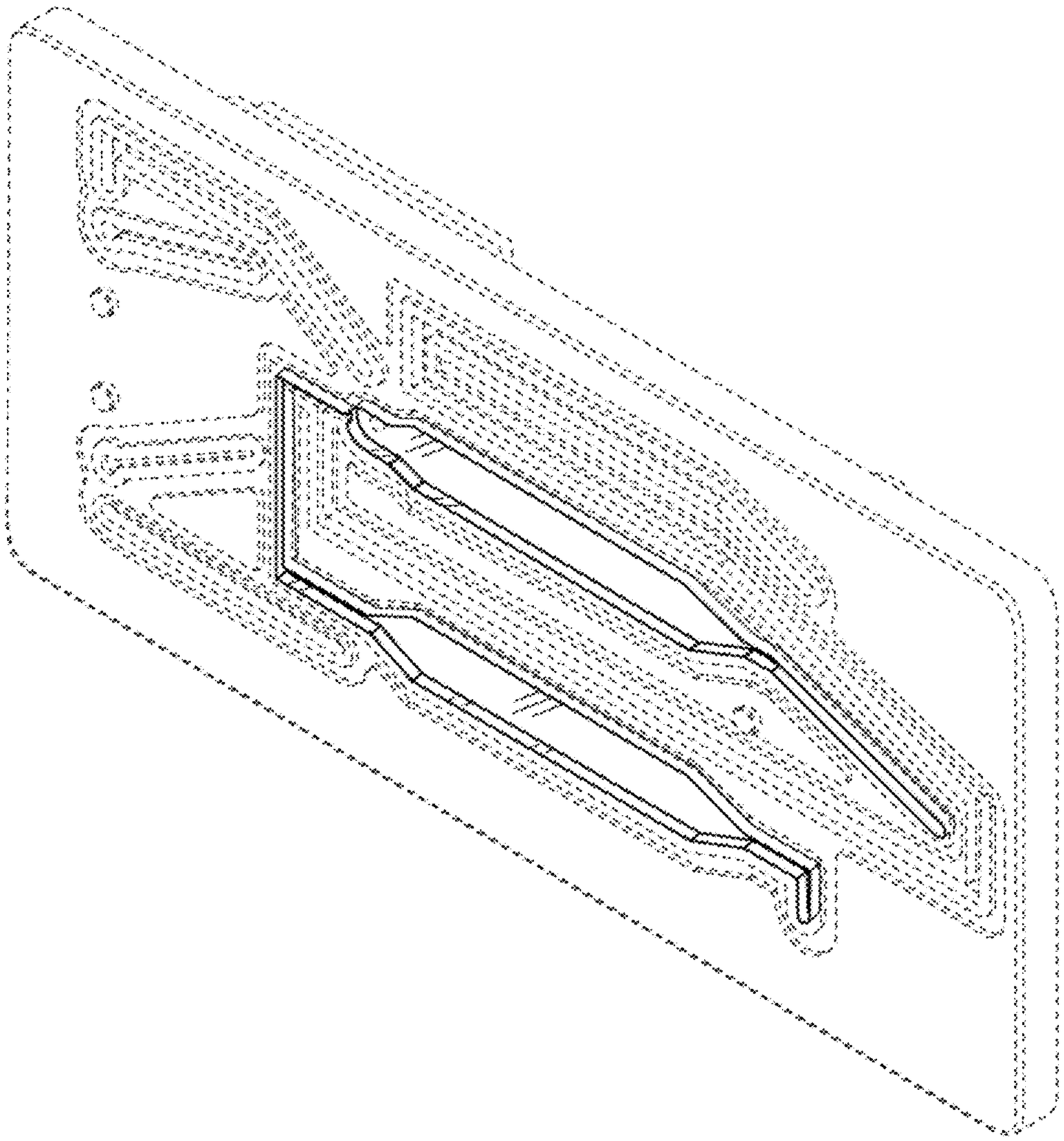


FIG. 8

FIG. 9

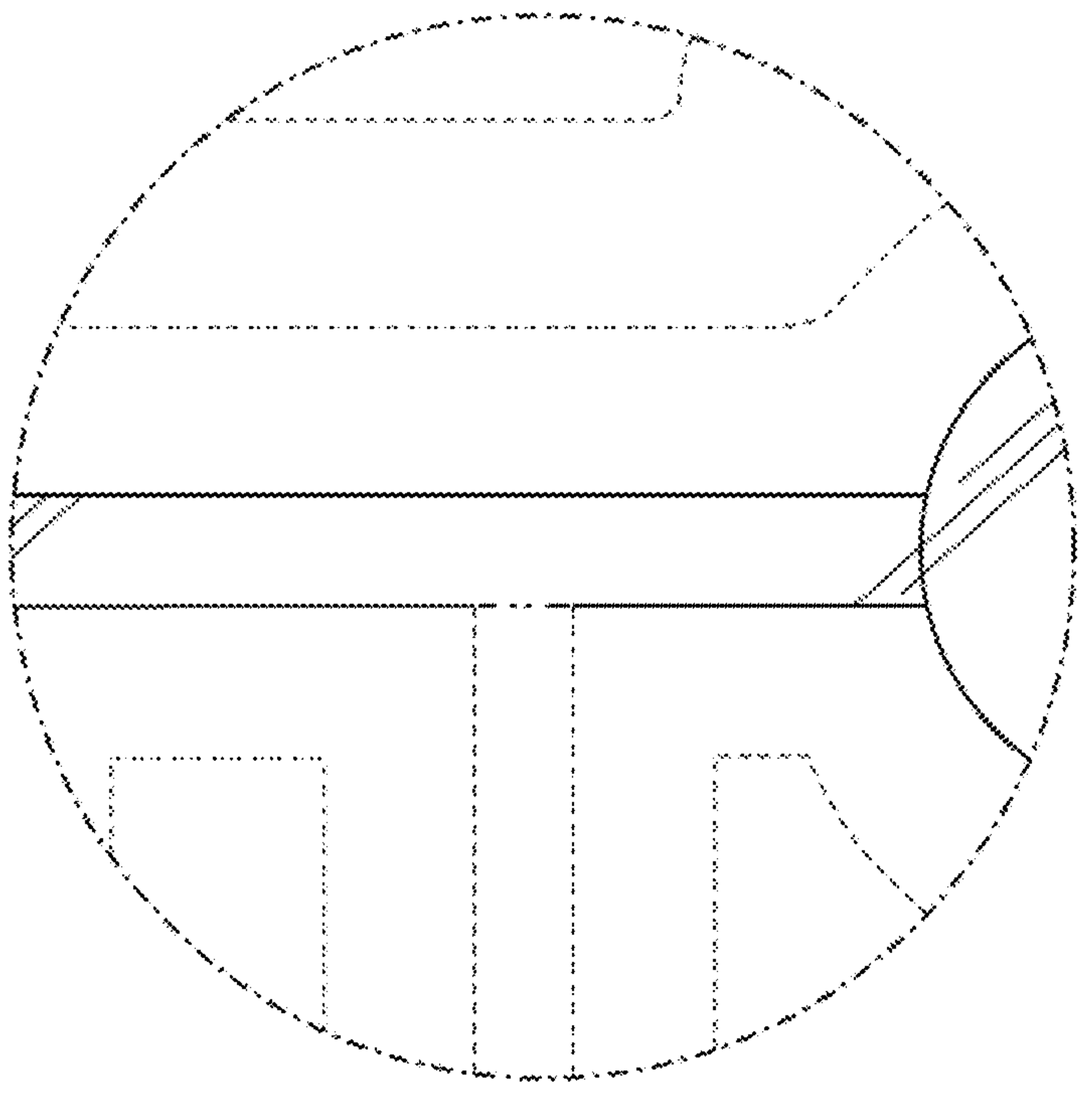


FIG. 10