



US00D931228S

(12) **United States Design Patent** (10) **Patent No.:** **US D931,228 S**
Kishi et al. (45) **Date of Patent:** **** Sep. 21, 2021**

(54) **ELECTRICAL CONTACT**
(71) Applicant: **KABUSHIKI KAISHA NIHON MICRONICS**, Tokyo (JP)
(72) Inventors: **Yasutaka Kishi**, Tokyo (JP); **Masahiro Wakazawa**, Tokyo (JP)
(73) Assignee: **KABUSHIKI KAISHA NIHON MICRONICS**, Tokyo (JP)

7,960,988 B2 * 6/2011 Fukami G01R 1/06727
324/754.03
8,063,651 B2 * 11/2011 Kamata G01R 1/06727
324/754.03
D665,361 S * 8/2012 Koyama D13/154
(Continued)

FOREIGN PATENT DOCUMENTS

JP 1474455 S 7/2013
KR 300734749 S 3/2014

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/713,906**
(22) Filed: **Nov. 19, 2019**

Electrical contacts. (Design—© Questel) orbit.com. [Online PDF compilation of references] 13 pgs. Print Dates Range Jul. 16, 2013-Jun. 5, 2020 [Retrieved Mar. 1, 2021] <https://www.orbit.com/export/UCZAH96B/pdf4/59ff9031-3303-4e2a-ad86-a96ee5817655-191103.pdf> (Year: 2021).*

(30) **Foreign Application Priority Data**

May 21, 2019 (JP) 2019-011016

Primary Examiner — Susan Bennett Hattan
Assistant Examiner — Landon Thomas Cassell
(74) *Attorney, Agent, or Firm* — McCoy Russell LLP

(51) **LOC (13) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/154**

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D13/123, 133, 146, 147, 152, 154, 156,
D13/158, 160, 162, 162.1, 173, 177, 184,
D13/199, 182
CPC G01R 1/073; G01R 1/067; G01R 1/07342;
G01R 1/07314; G01R 1/06711; H01R
12/00; H01R 13/20; H01R 43/20
See application file for complete search history.

The ornamental design for an electrical contact, as shown and described.

DESCRIPTION

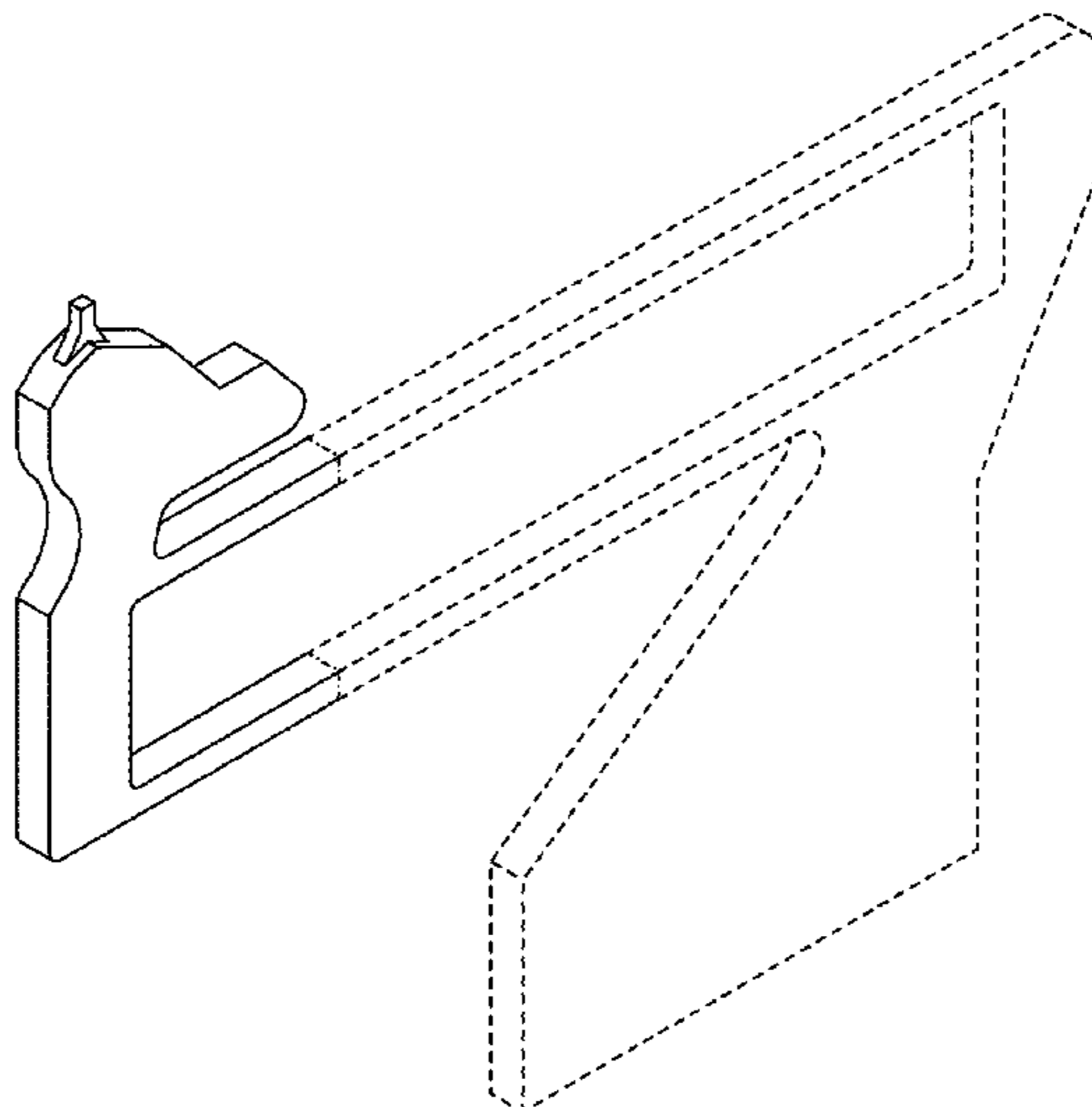
(56) **References Cited**

U.S. PATENT DOCUMENTS

7,449,906 B2 * 11/2008 Miura G01R 1/06727
324/755.07
7,679,389 B2 * 3/2010 Kuniyoshi G01R 1/06727
324/755.07
7,736,690 B2 * 6/2010 Hirakawa G01R 1/06733
427/58
7,924,038 B2 * 4/2011 Kuniyoshi G01R 31/2891
324/755.01

FIG. 1 is a front view of an electrical contact according to the claimed design.
FIG. 2 is a rear view of the electrical contact.
FIG. 3 is a right side view of the electrical contact.
FIG. 4 is a left side view of the electrical contact.
FIG. 5 is a bottom view of the electrical contact.
FIG. 6 is a top view of the electrical contact; and,
FIG. 7 is a perspective view of the electrical contact.
The dash-dash broken lines in the drawings illustrate portions of the electrical contact that form no part of the claimed design.
The dash-dot broken boundary lines in FIGS. 1-2 and 5-7 form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D702,646	S *	4/2014	Uebayashi	D13/154
8,975,908	B2 *	3/2015	Hayashizaki	G01R 1/06738
				324/755.01
2008/0197869	A1 *	8/2008	Miyagi	G01R 1/44
				324/750.03
2009/0051382	A1 *	2/2009	Kuniyoshi	G01R 1/06727
				324/755.07
2009/0160473	A1 *	6/2009	Fukami	G01R 1/06727
				324/754.07
2010/0033201	A1 *	2/2010	Hsu	G01R 1/06716
				324/755.05
2021/0041480	A1 *	2/2021	Kishi	G01R 1/06738
2021/0041482	A1 *	2/2021	Kishi	G01R 31/2887

* cited by examiner

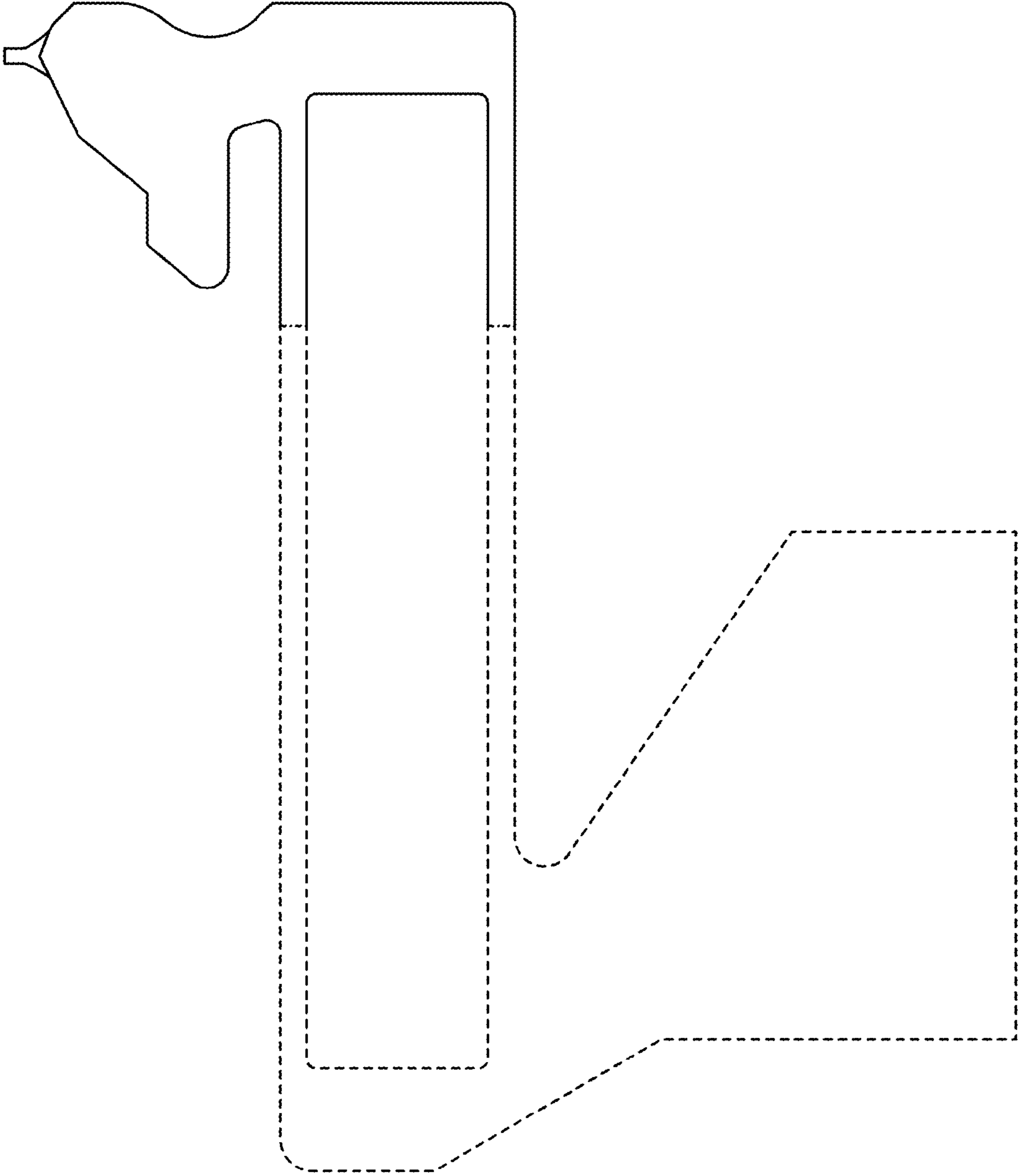


FIG. 1

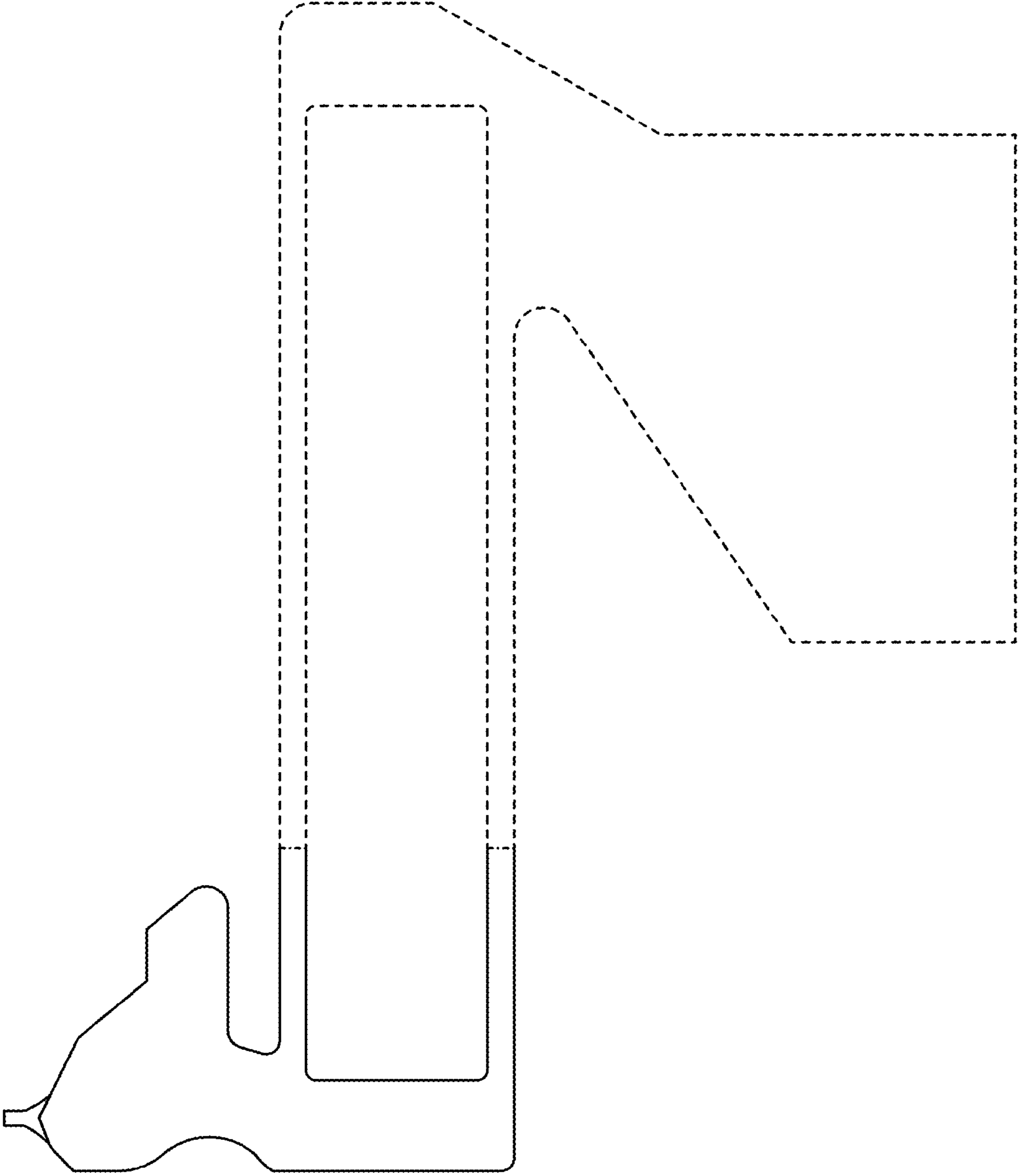


FIG. 2



FIG. 3

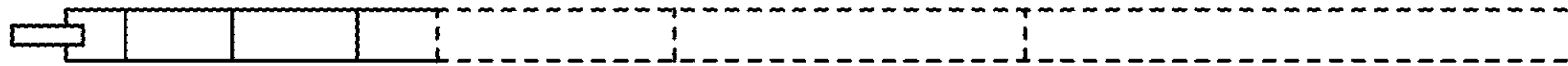


FIG. 4



FIG. 5



FIG. 6

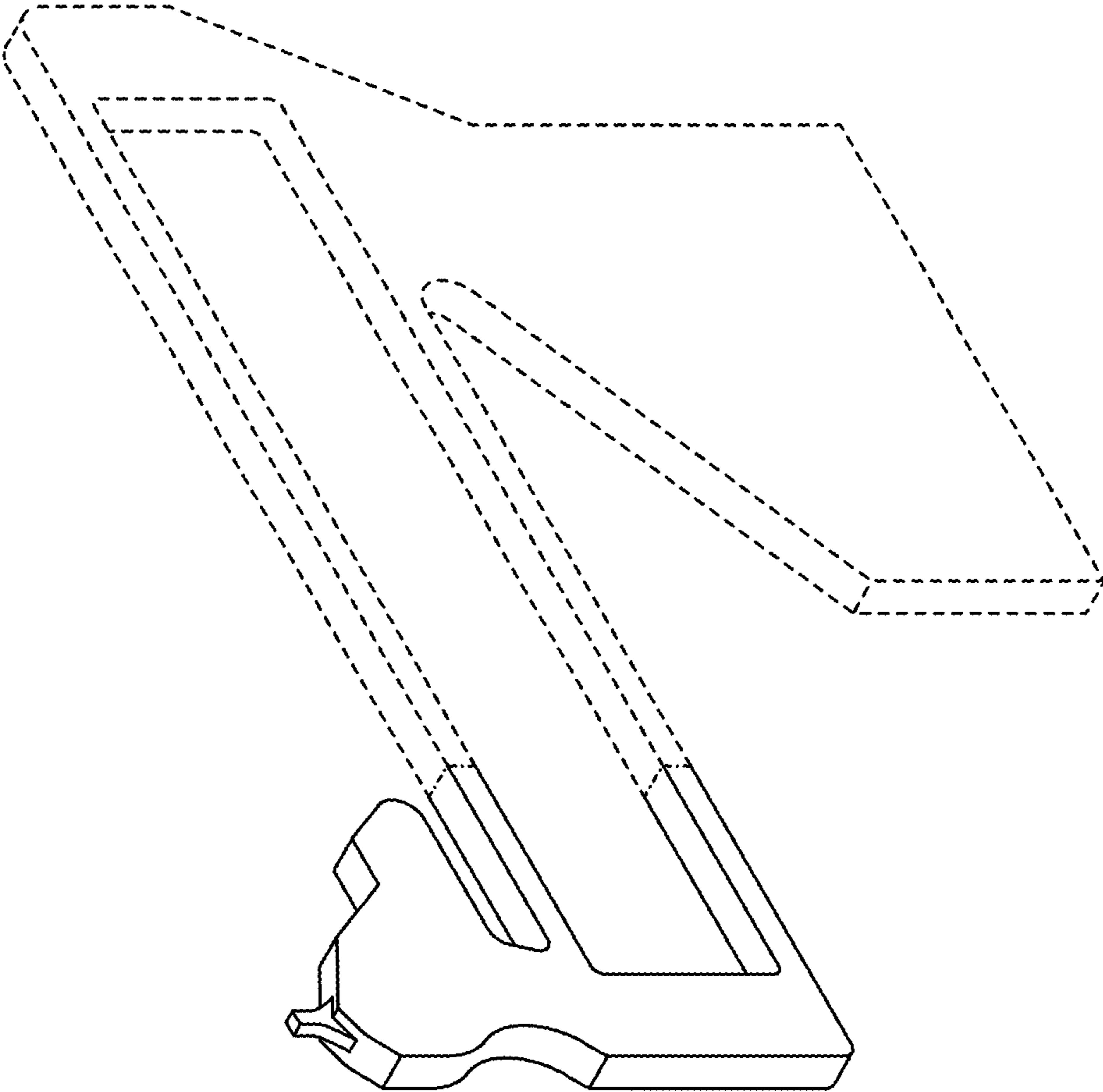


FIG. 7