

US00D919665S

(12) **United States Design Patent** (10) **Patent No.:** **US D919,665 S**
Toda (45) **Date of Patent:** **** May 18, 2021**

(54) **NEEDLE VALVE FOR CARBURETORS**

(71) Applicant: **ZAMA JAPAN KABUSHIKI KAISHA**, Iwate (JP)

(72) Inventor: **Mamoru Toda**, Iwate (JP)

(73) Assignee: **ZAMA JAPAN KABUSHIKI KAISHA**, Iwate (JP)

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

(21) Appl. No.: **29/592,390**

(22) Filed: **Jan. 30, 2017**

(51) **LOC (13) Cl.** **15-01**

(52) **U.S. Cl.**
USPC **D15/5**

(58) **Field of Classification Search**
USPC D15/5; D23/259–269, 235, 255;
D8/382, 387
CPC F02M 19/04; F02M 3/10; F02M 2003/105;
F02M 3/14; F16K 27/0272; F16K
27/0254
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D170,313 S * 9/1953 Franck 15/5
- 3,090,108 A * 5/1963 Gifford B29C 45/14
29/890.127
- 4,116,417 A * 9/1978 Larsen A01C 23/042
137/605
- 4,269,387 A * 5/1981 Reynolds A61B 5/0215
251/122
- D263,711 S * 4/1982 Dean 239/533.3
- 5,984,281 A * 11/1999 Hacker F02B 63/02
137/382
- D818,356 S * 5/2018 Sears D8/387

- D821,187 S * 6/2018 Baiz D8/387
- D848,486 S * 5/2019 Tamura D15/5
- 2003/0116734 A1 * 6/2003 Casar 251/69
- 2004/0007788 A1 * 1/2004 Vimercati F02M 3/10
261/71
- 2012/0024411 A1 * 2/2012 Hahn G01N 30/6039
138/109

* cited by examiner

Primary Examiner — Ania Aman

(74) *Attorney, Agent, or Firm* — One LLP

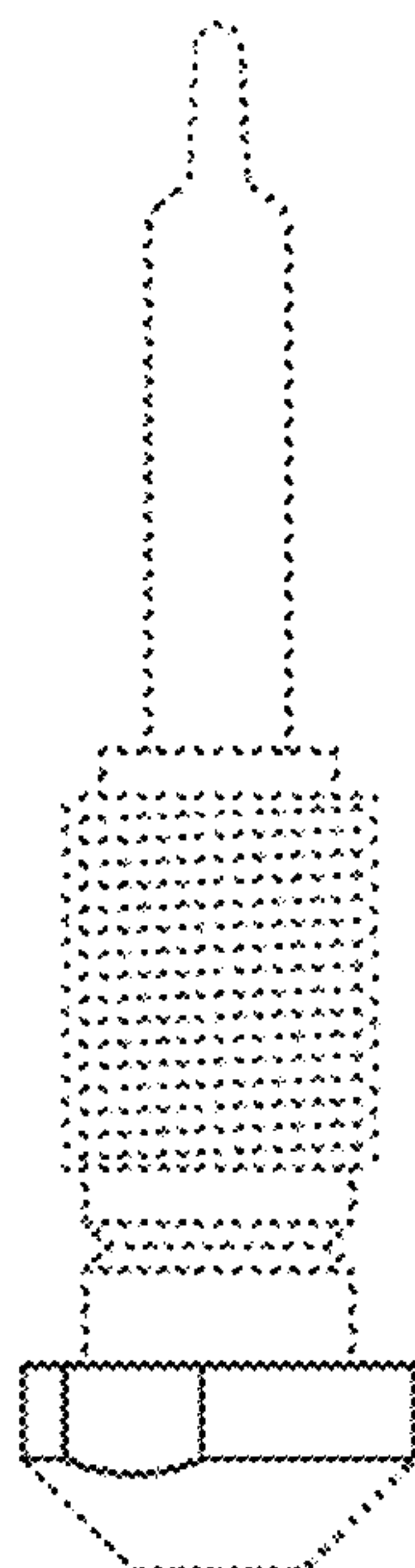
(57) **CLAIM**

The ornamental design for a needle valve for carburetors, as shown and described.

DESCRIPTION

FIG. 1 is a top, plan view of the needle valve for carburetors, showing the new design;
 FIG. 2 is a front, end elevation view of the needle valve for carburetors from FIG. 1;
 FIG. 3 is a rear, end elevation view of the needle valve for carburetors from FIG. 1;
 FIG. 4 is a right side, plan view of the needle valve for carburetors from FIG. 1;
 FIG. 5 is a left side, plan view of the needle valve for carburetors from FIG. 1;
 FIG. 6 is a perspective view of the needle valve for carburetors from FIG. 1; and,
 FIG. 7 is an exploded assembly perspective view thereof, showing the new design in a state of use with a carburetor and a tool.
 In the drawings, the broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



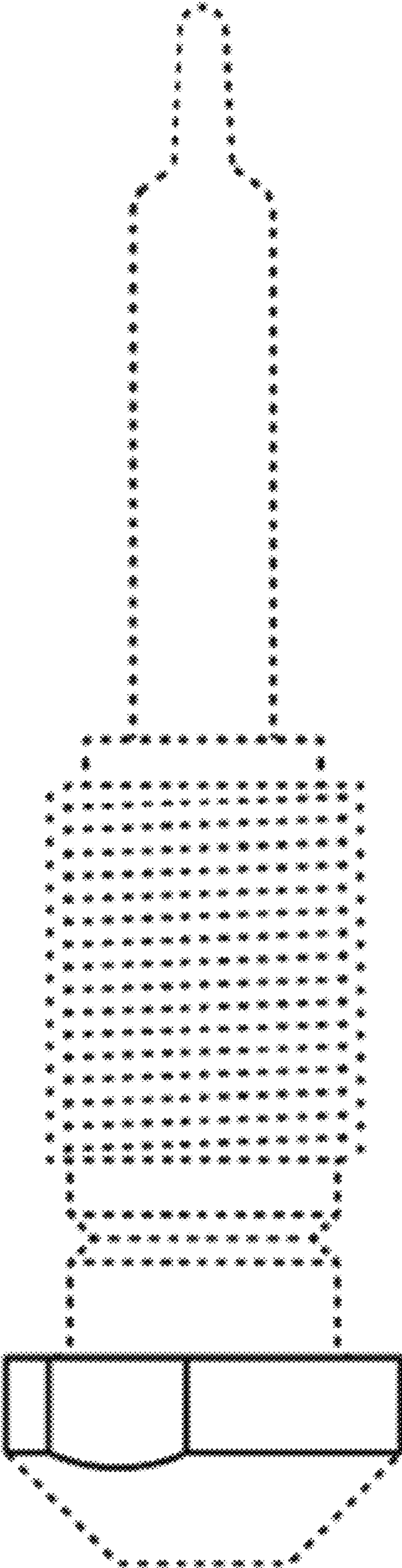


FIG. 1

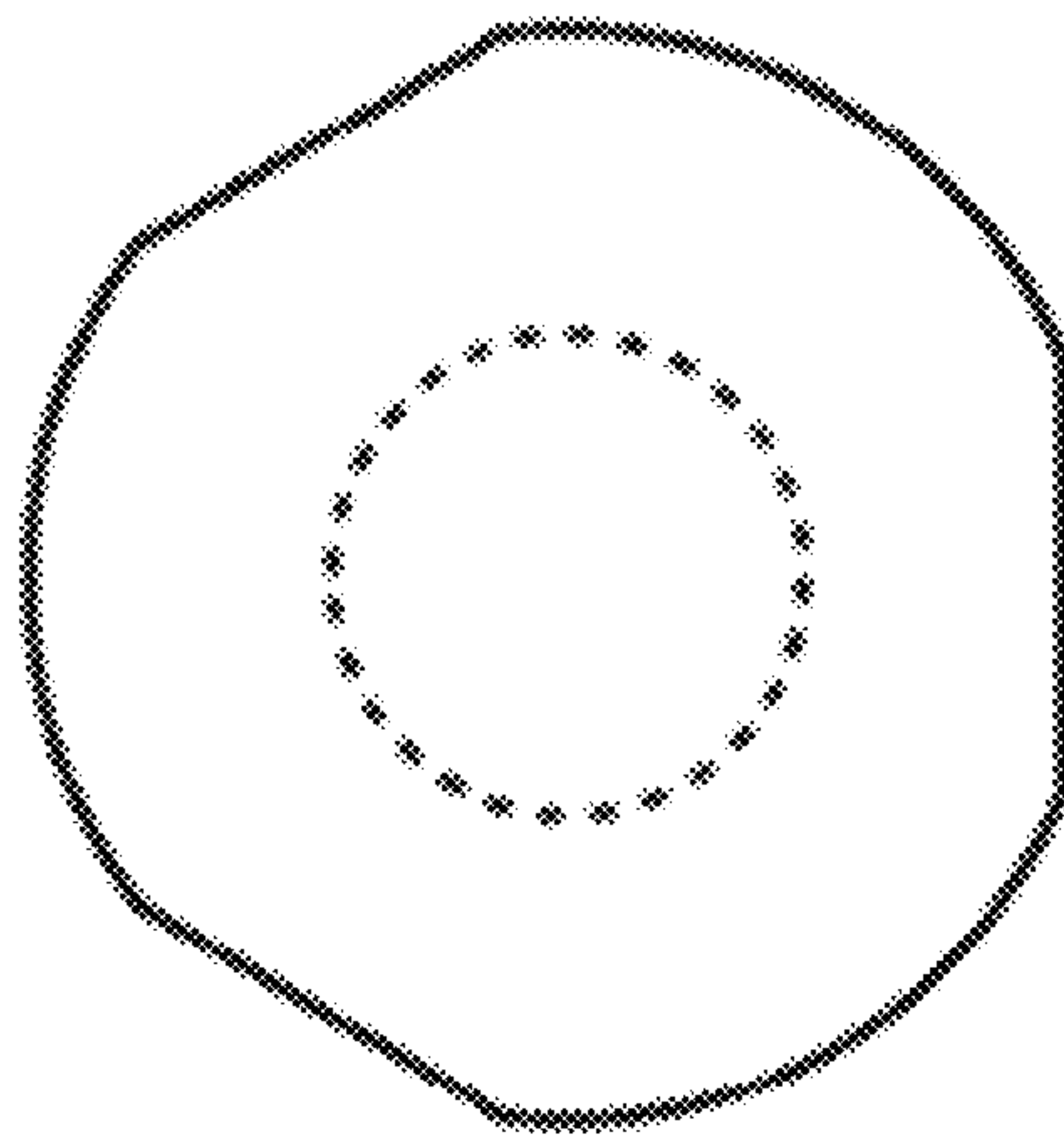


FIG. 2

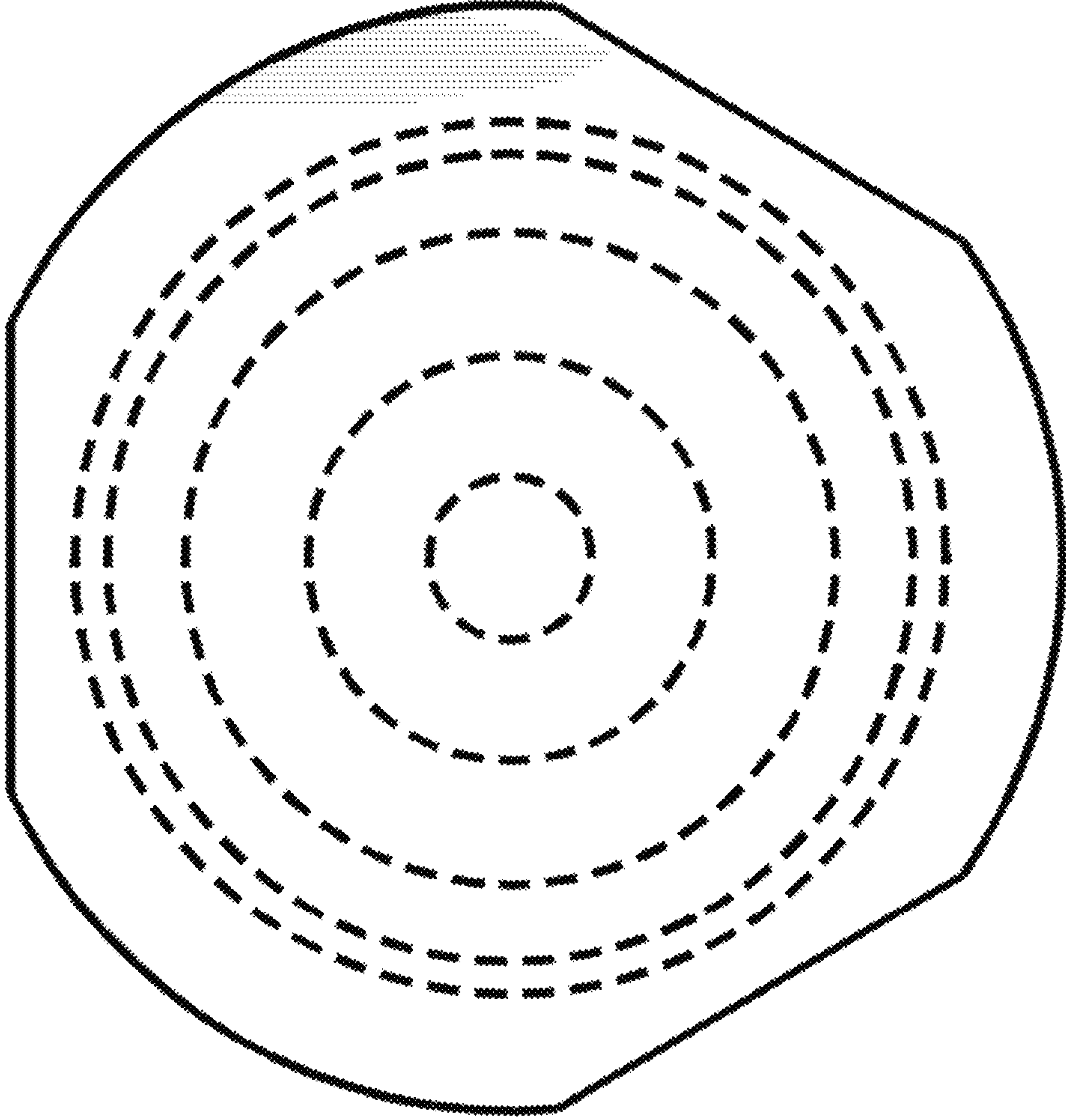


FIG. 3

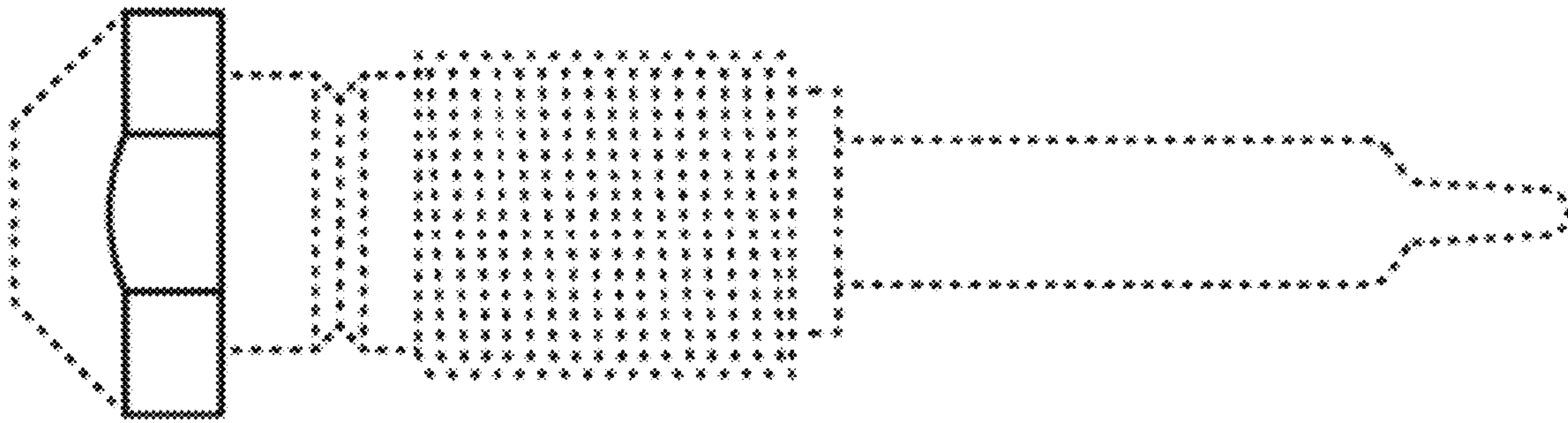


FIG. 4

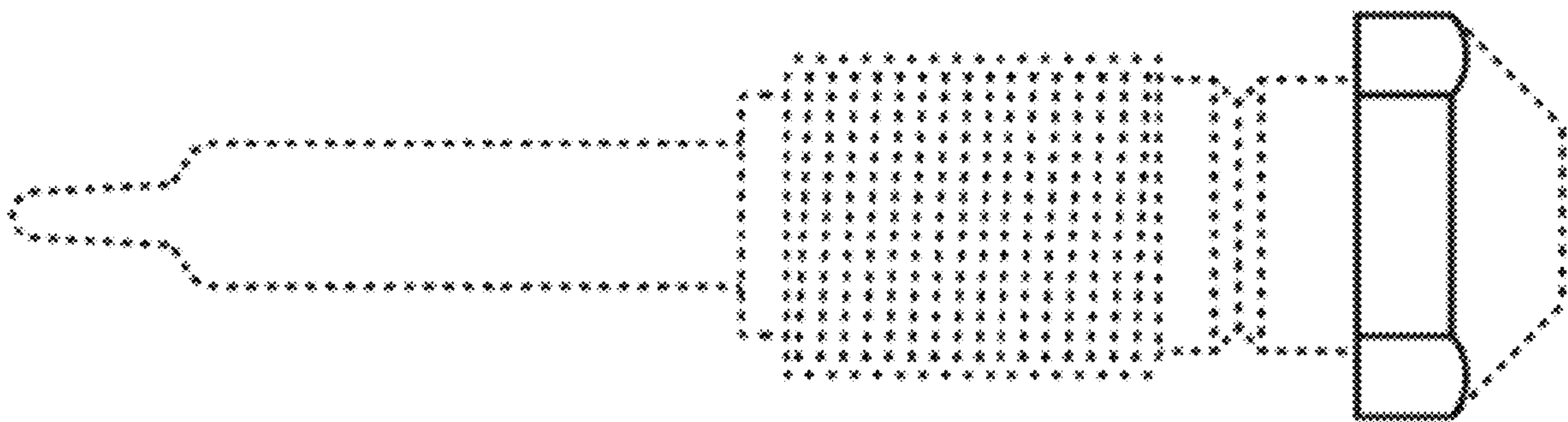


FIG. 5

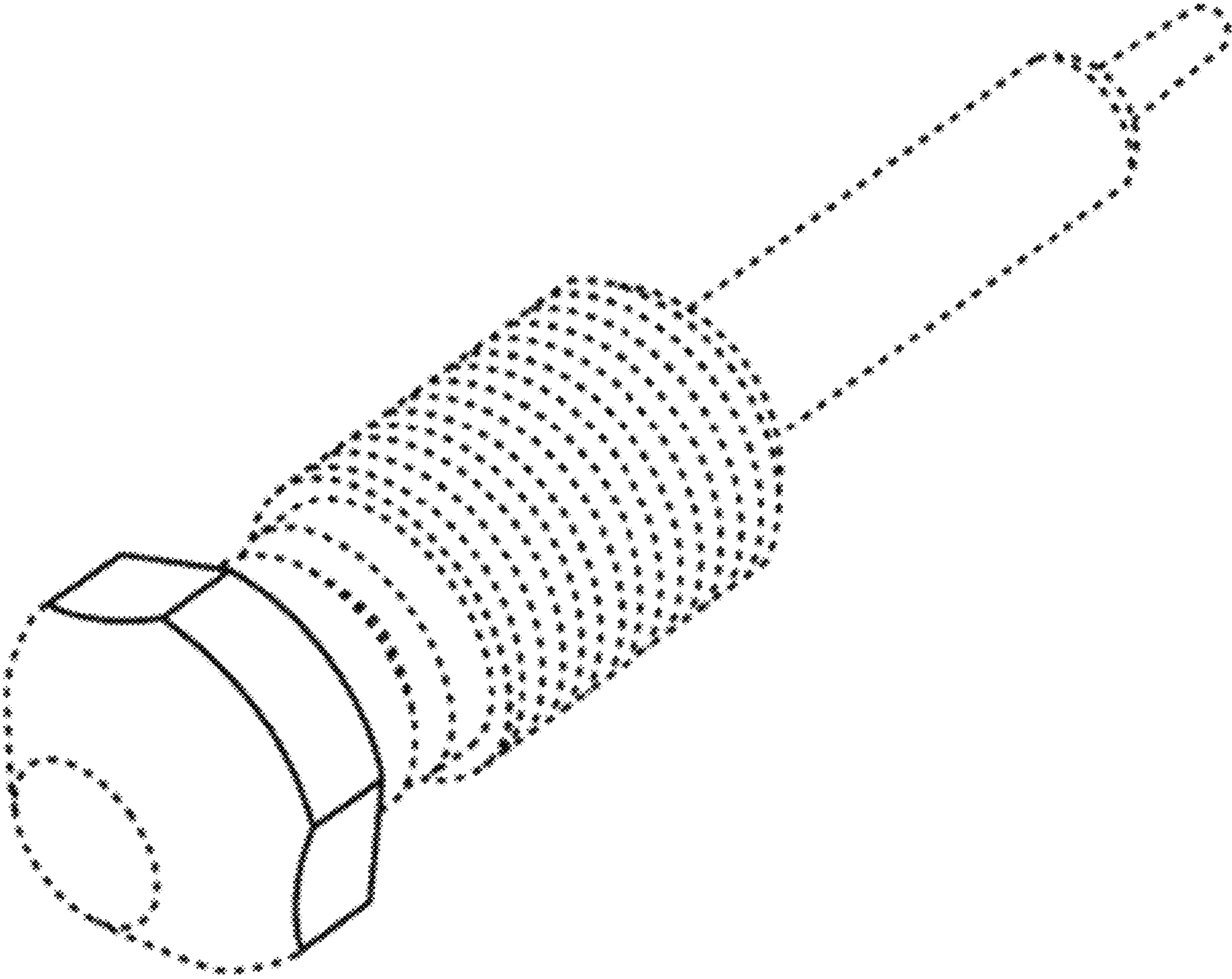


FIG. 6

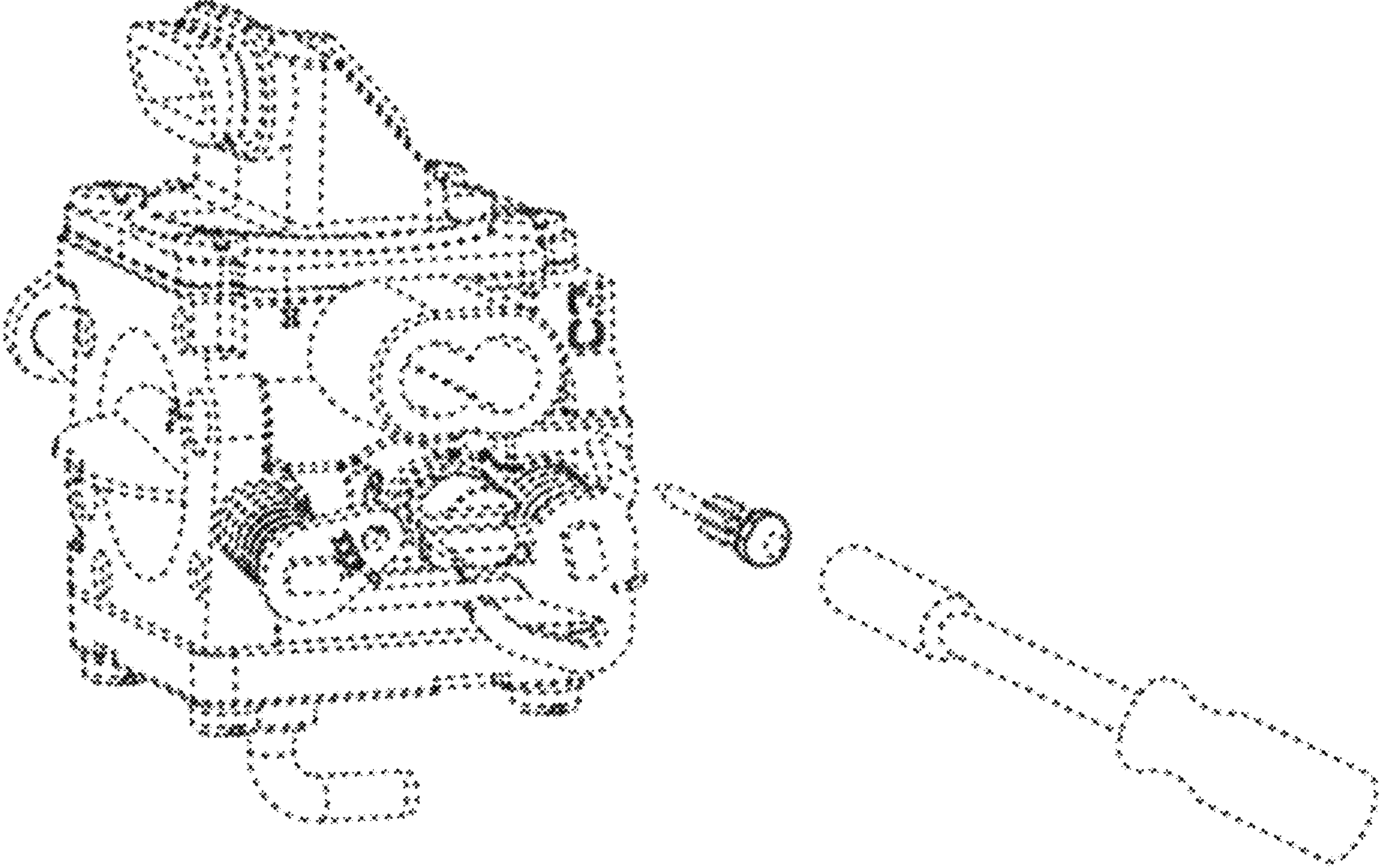


FIG. 7