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(12) **United States Design Patent** (10) **Patent No.:** **US D764,640 S**  
**Otaka et al.** (45) **Date of Patent:** **\*\* \*Aug. 23, 2016**

(54) **HIGH PRESSURE FUEL INJECTION PIPE**

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(\*) Notice: This patent is subject to a terminal disclaimer.

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(\*\*) Term: **14 Years**

*Primary Examiner* — Mark Goodwin

(21) Appl. No.: **29/495,962**

(74) *Attorney, Agent, or Firm* — Sutherland Asbill & Brennan

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(57) **CLAIM**

The ornamental design for a high pressure fuel injection pipe, as shown and described.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Jan. 24, 2014 (JP) ..... 2014-1266

(51) **LOC (10) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/259**; D23/266; D15/5

(58) **Field of Classification Search**

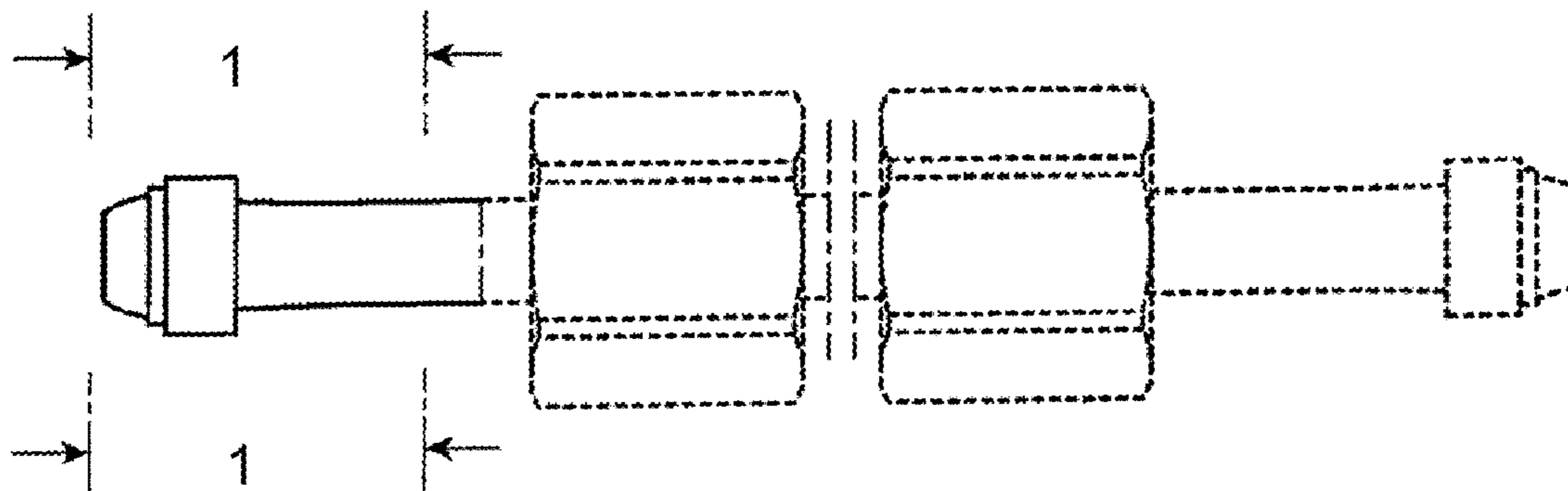
USPC ..... D15/5, 28; D8/382, 387; D24/129;  
D23/259-269; D13/155; 138/109, 44,  
138/177, 178; 123/468; 285/386, 197, 354,  
285/332, 332.1-332.4, 58, 83; 72/370.11  
CPC ..... F02M 2200/315; F02M 55/02; F02M  
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63/00; F16L 19/02; F16L 19/028; F16L  
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58/02; F02B 3/06; F02B 3/00

See application file for complete search history.

FIG. 1 is a front view of a high pressure fuel injection pipe showing our new design;  
FIG. 2 is a top view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is an enlarged view along line 1-1 of FIG. 1;  
FIG. 6 is a cross-sectional view along line 2-2 of FIG. 2;  
FIG. 7 is an enlarged view along line 6-6 of FIG. 6;  
FIG. 8 is an enlarged view of FIG. 4; and,  
FIG. 9 is a cross-sectional view showing our high pressure fuel injection pipe in use.

The broken line showings in FIGS. 1-4, 6, 8, and 9 are for the purpose of illustrating portions of the high pressure fuel injection pipe and form no part of the claimed design. The broken line showing of a mating component in FIG. 9 is for the purpose of illustrating the usage environment of the high pressure fuel injection pipe and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



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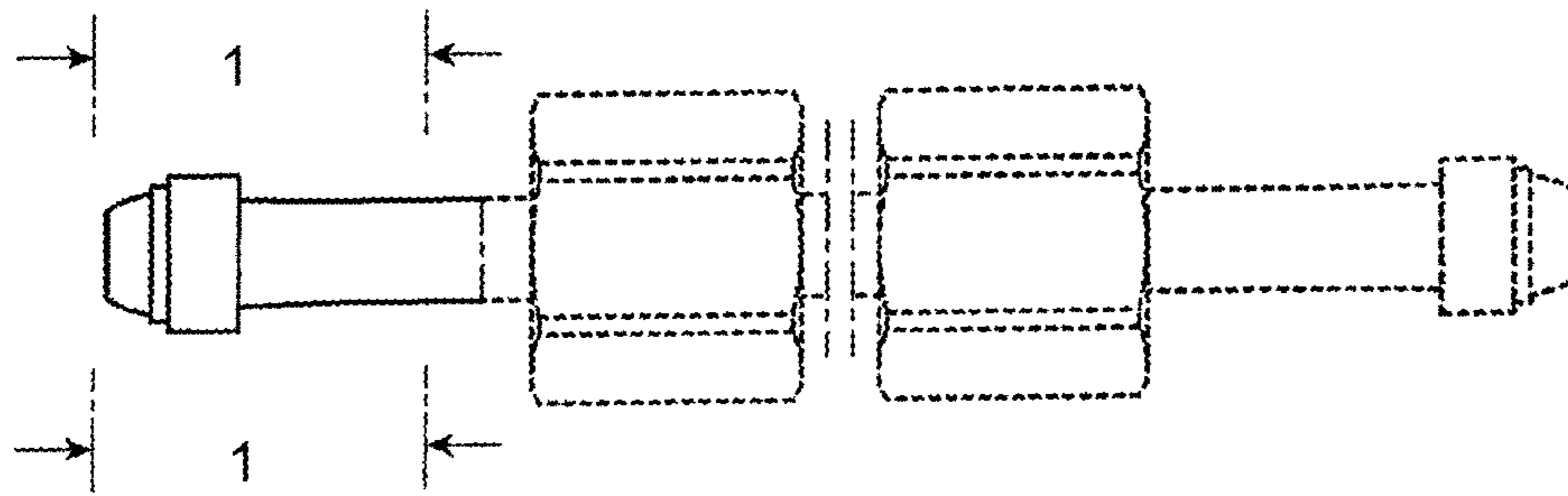


FIG 1

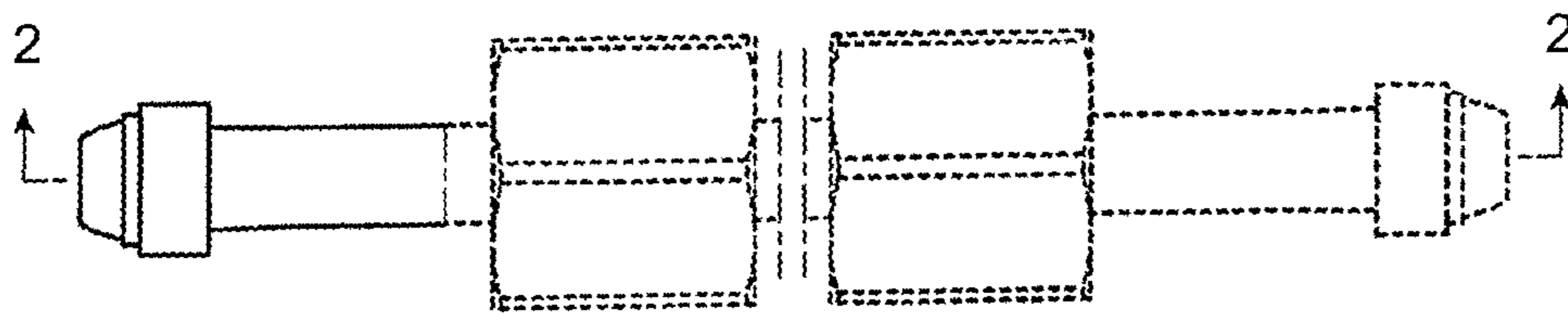


FIG 2

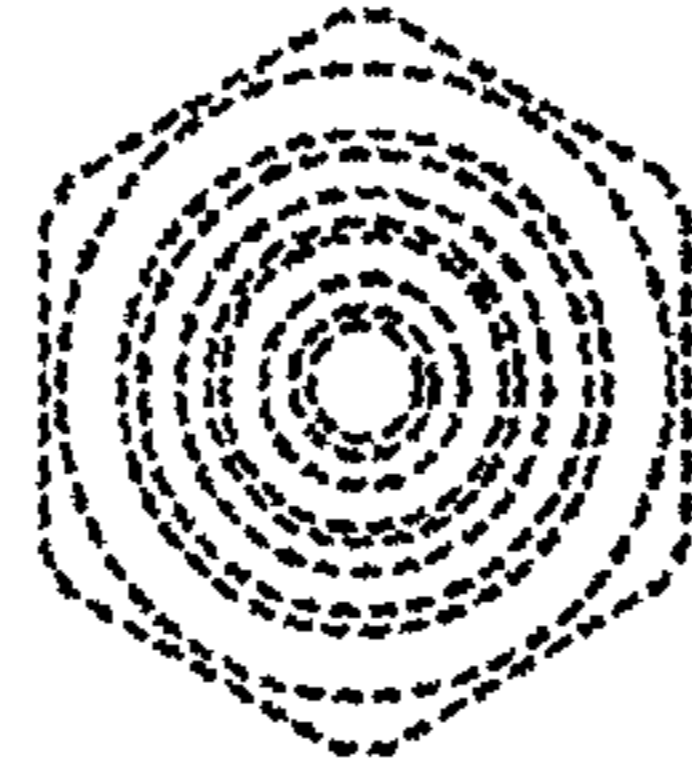


FIG 3



FIG 4

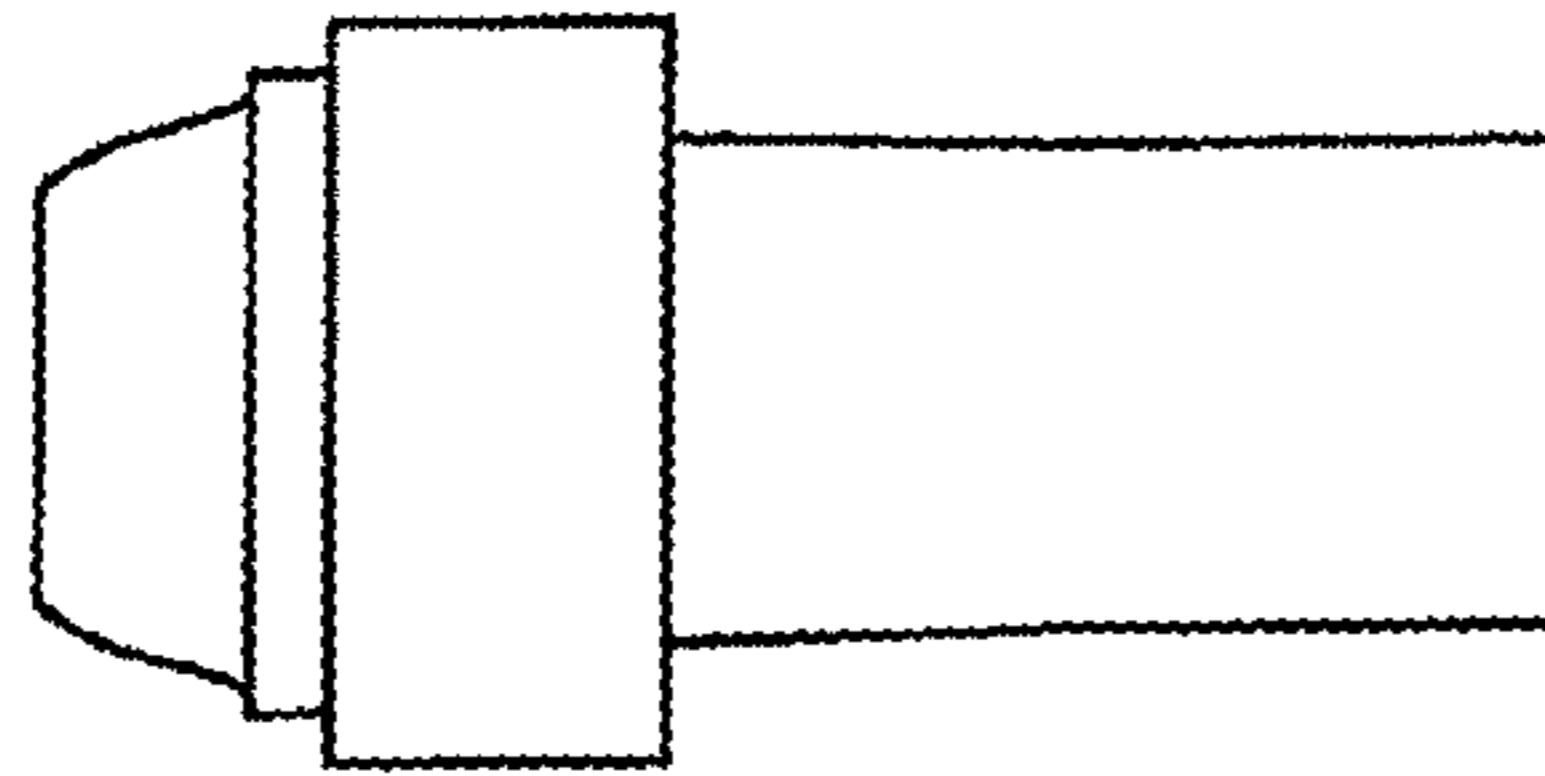


FIG 5

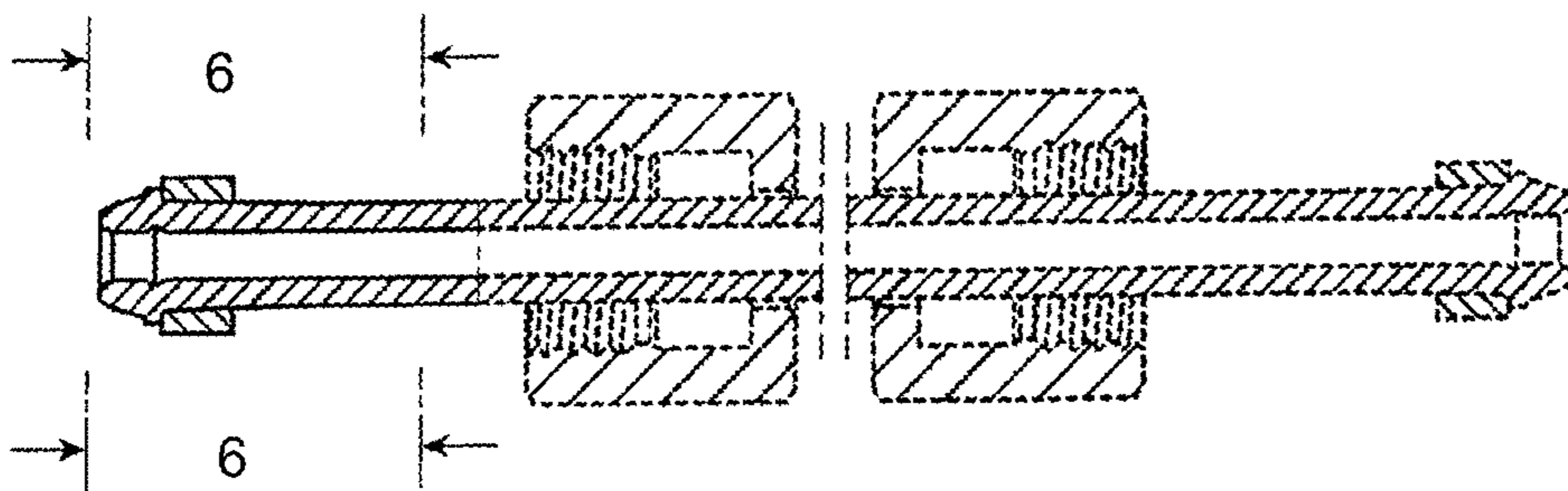


FIG 6

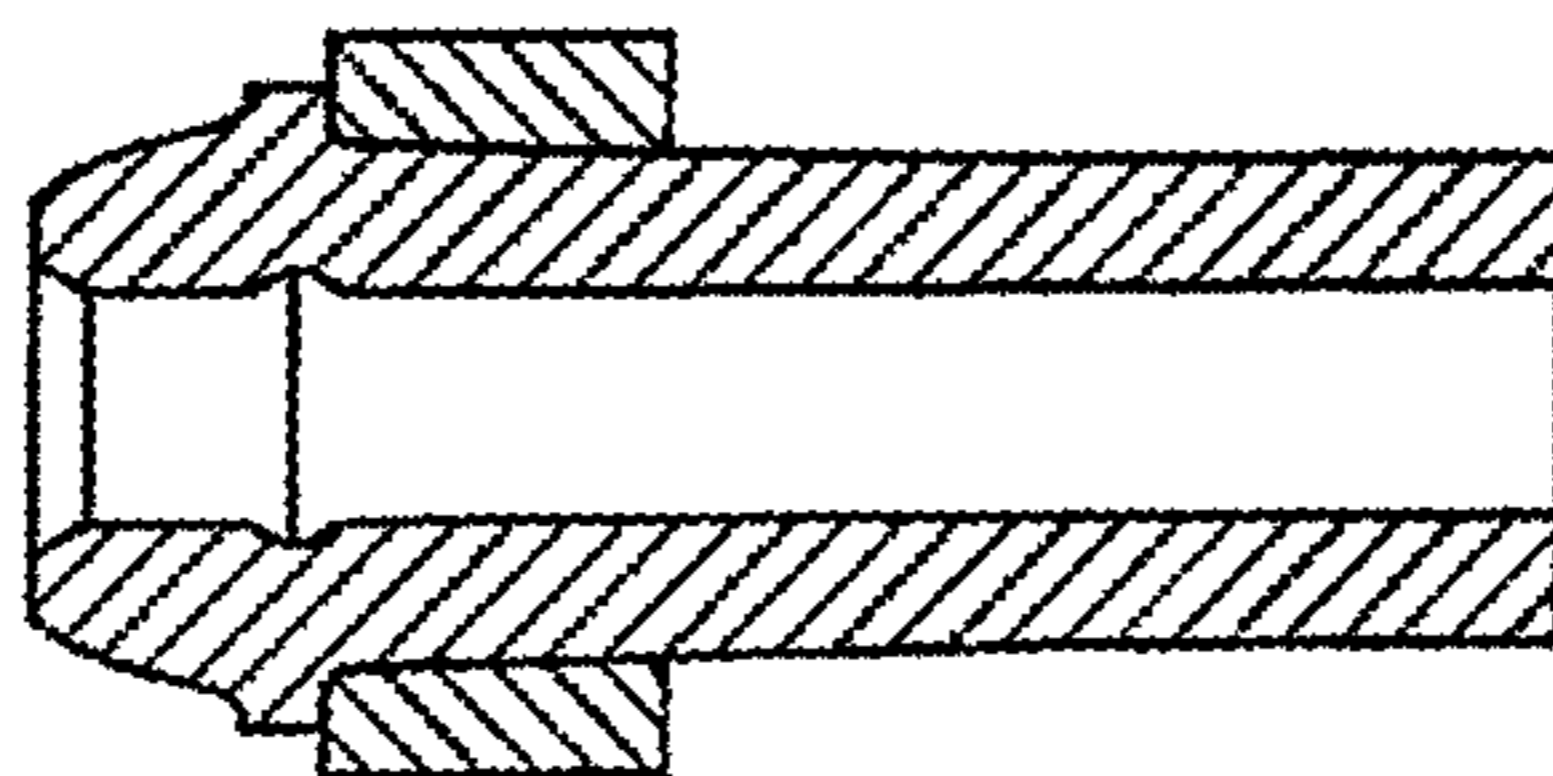


FIG 7

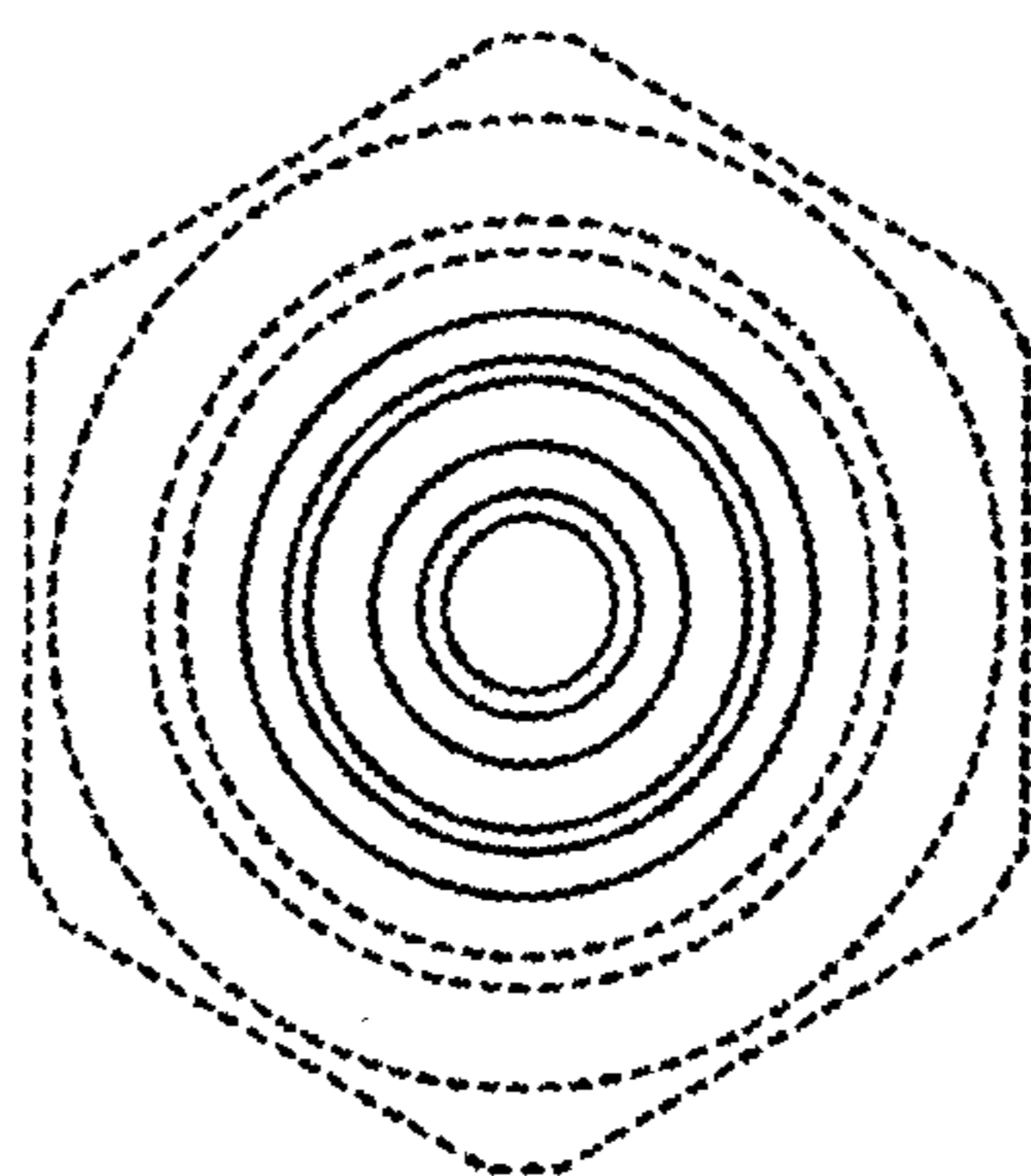


FIG 8

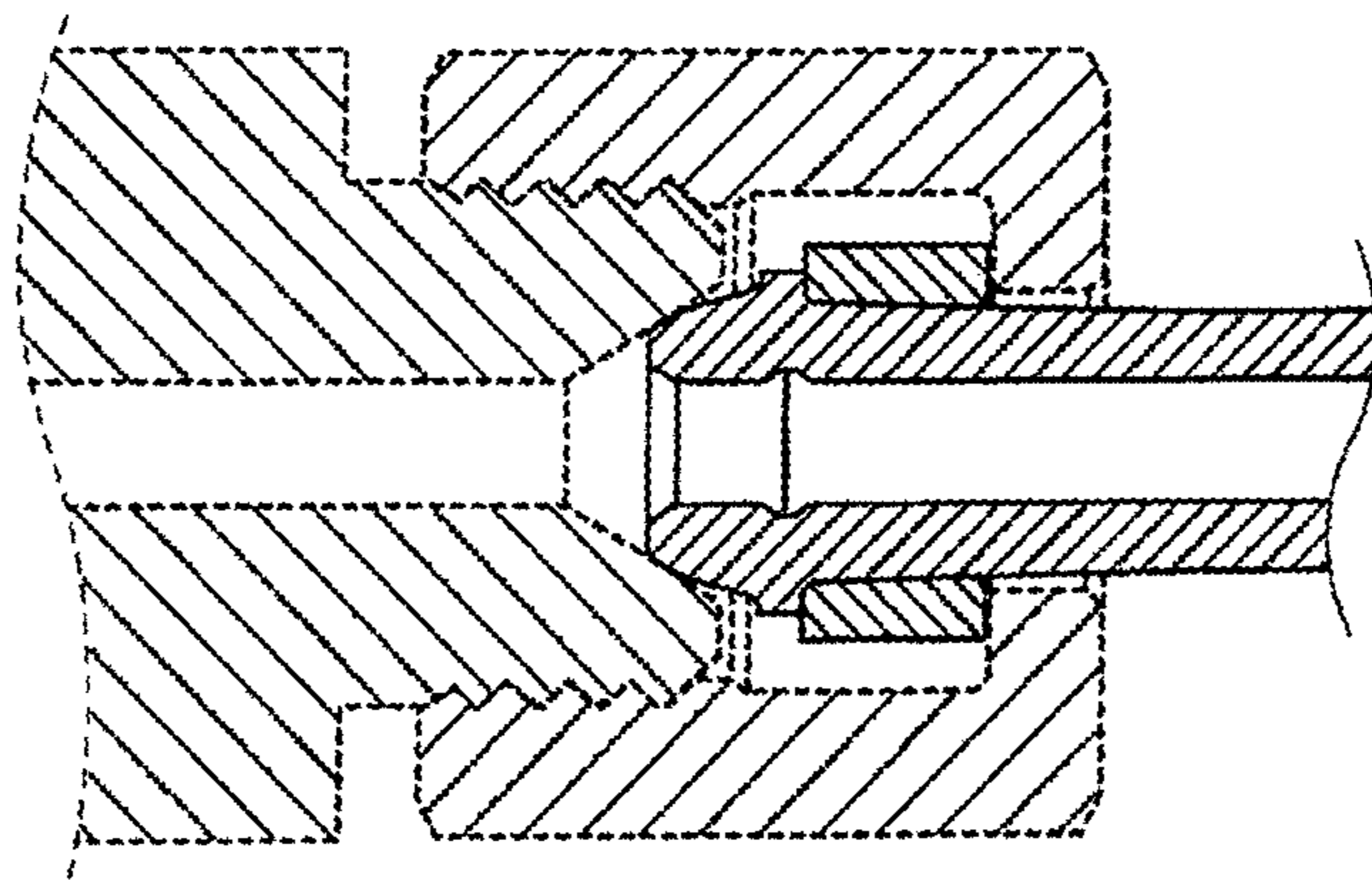


FIG 9