



US00D529523S

(12) **United States Design Patent** (10) **Patent No.:** **US D529,523 S**  
**Duncan** (45) **Date of Patent:** **\*\* Oct. 3, 2006**

(54) **SQUARE MANDREL**

(75) Inventor: **Rod Duncan**, Plano, TX (US)

(73) Assignee: **D4D Technologies, L.P.**, Richardson, TX (US)

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

(21) Appl. No.: **29/225,774**

(22) Filed: **Mar. 18, 2005**

(51) **LOC (8) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/138**

(58) **Field of Classification Search** ..... D15/138,  
D15/139, 140-142; 601/141; 606/191, 192,  
606/185; 604/264; 425/469, DIG. 10, DIG. 42,  
425/275, 393, 403, 215; 264/DIG. 55, 302,  
264/510, 102, 257; D25/123, 125, 42-44;  
72/370, 391.4; 249/52, 177, 144, 57; 408/235,  
408/714; 409/219, 241; 451/178

See application file for complete search history.

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*Primary Examiner*—Antoine D. Davis

*Assistant Examiner*—Patricia Palasik

(74) *Attorney, Agent, or Firm*—David W. Carstens;  
Carstens & Cahoon, LLP

(57) **CLAIM**

The ornamental design for a square mandrel, as shown and described.

**DESCRIPTION**

This application claims the benefit of and priority to U.S. Utility Patent Application entitled “Improved Milling Machine”, application No. 11/062,986 filed Feb. 22, 2005, and U.S. Patent Application entitled “Mill Blank Mandrel”, application No. 10/867,342 filed Jun. 14, 2004.

FIG. 1 is a perspective view of the square mandrel of the present invention;

FIG. 2 is a same perspective view of FIG. 1 wherein the mandrel is rotated 90 degrees of the square mandrel of the present invention;

FIG. 3 is a perspective view of the square mandrel of the present invention;

FIG. 4 is a perspective view of the square mandrel of the present invention;

FIG. 5 is an end view of the square mandrel of the present invention;

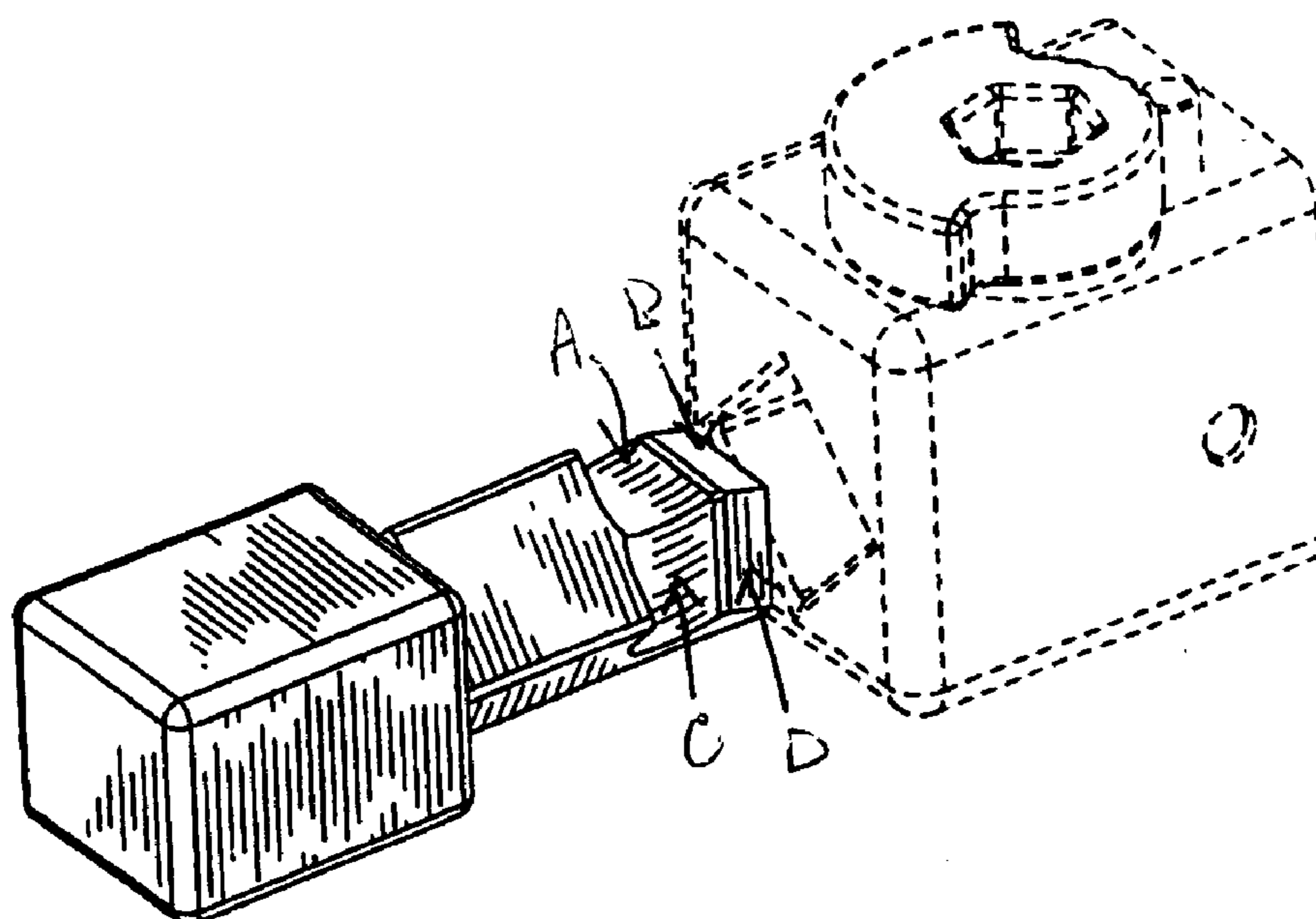
FIG. 6 is a front view of the square mandrel of the present invention;

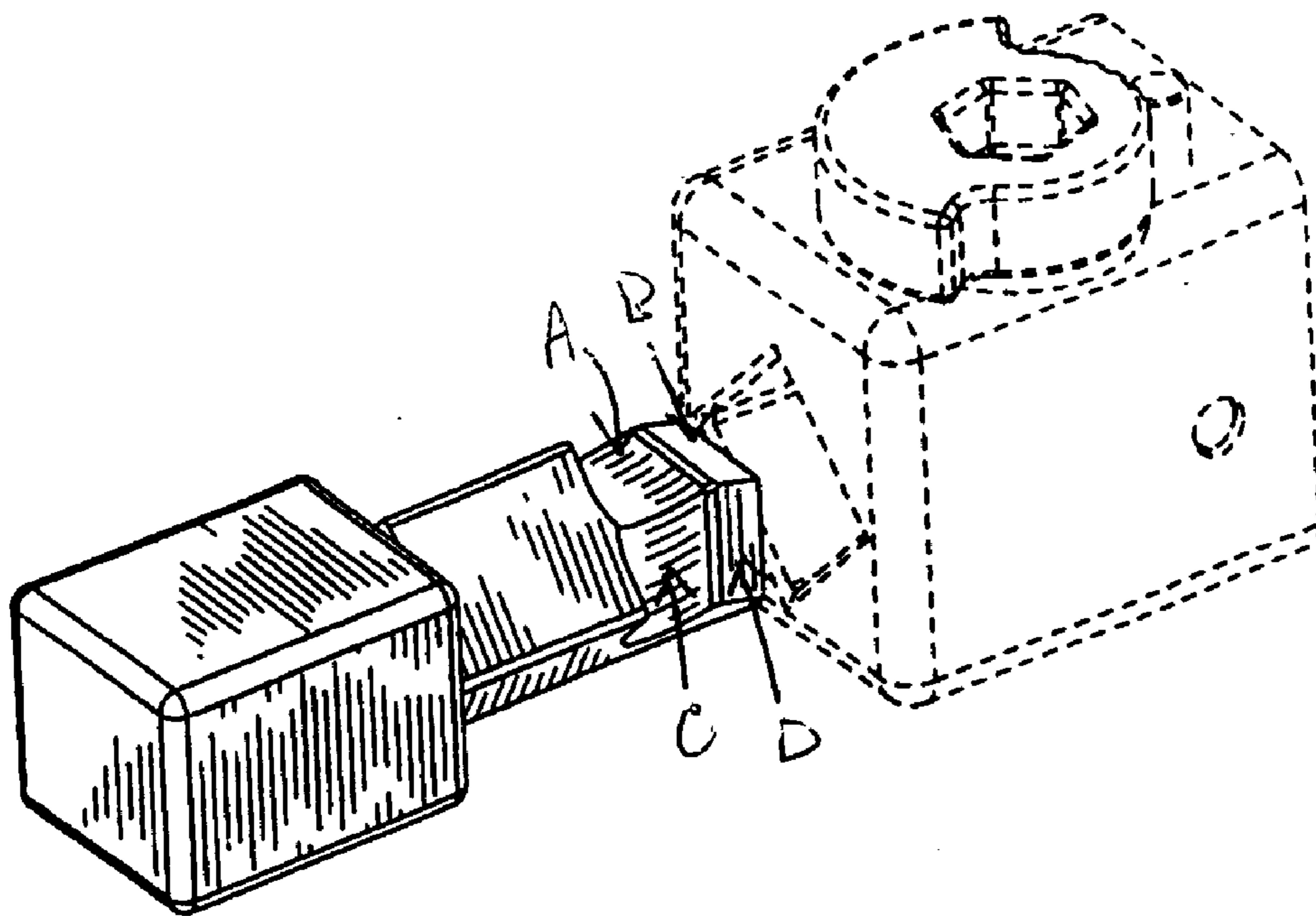
FIG. 7 is a top view of the square mandrel of the present invention; and,

FIG. 8 is a side view of the square mandrel of the present invention.

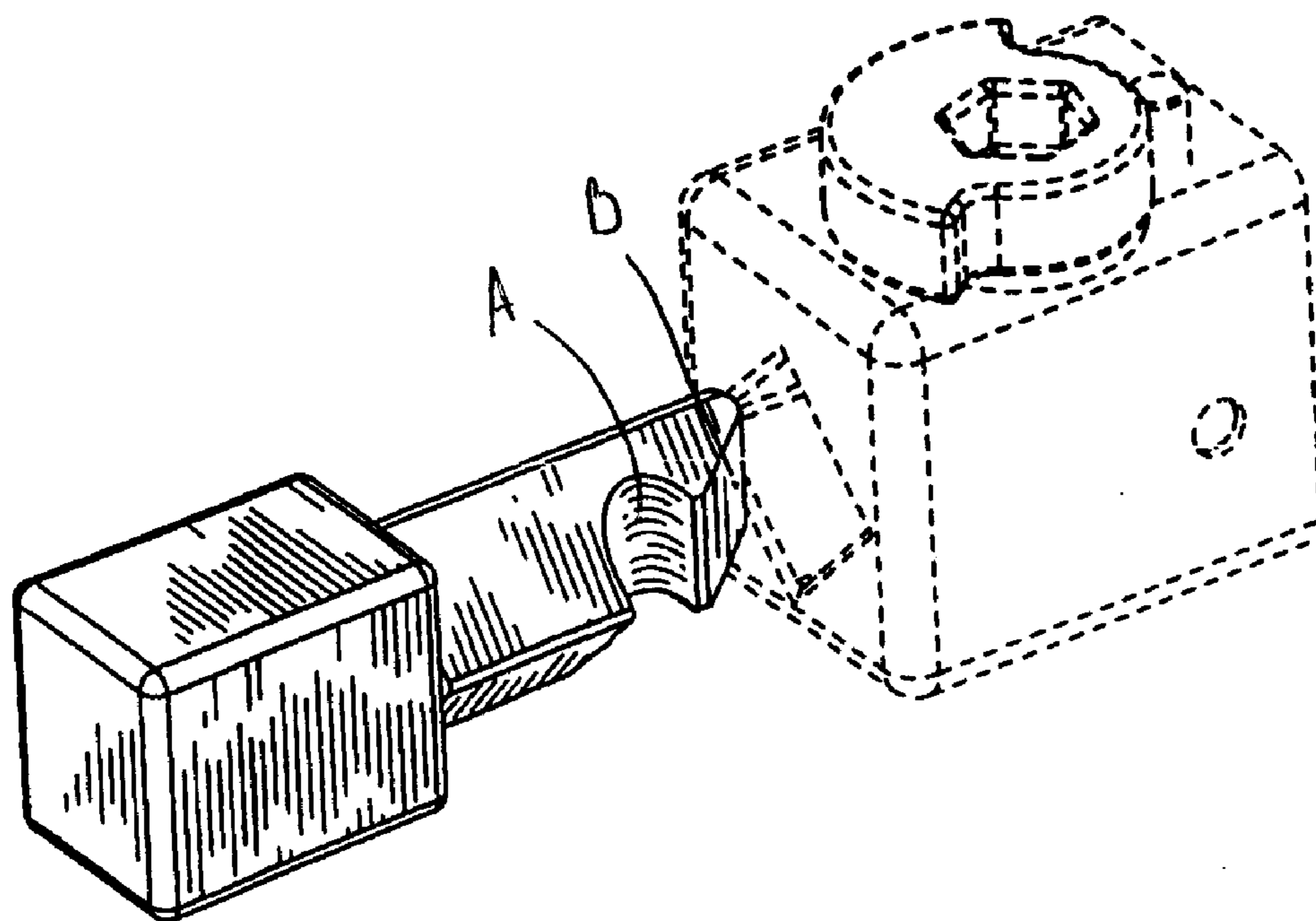
The broken line showing is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**

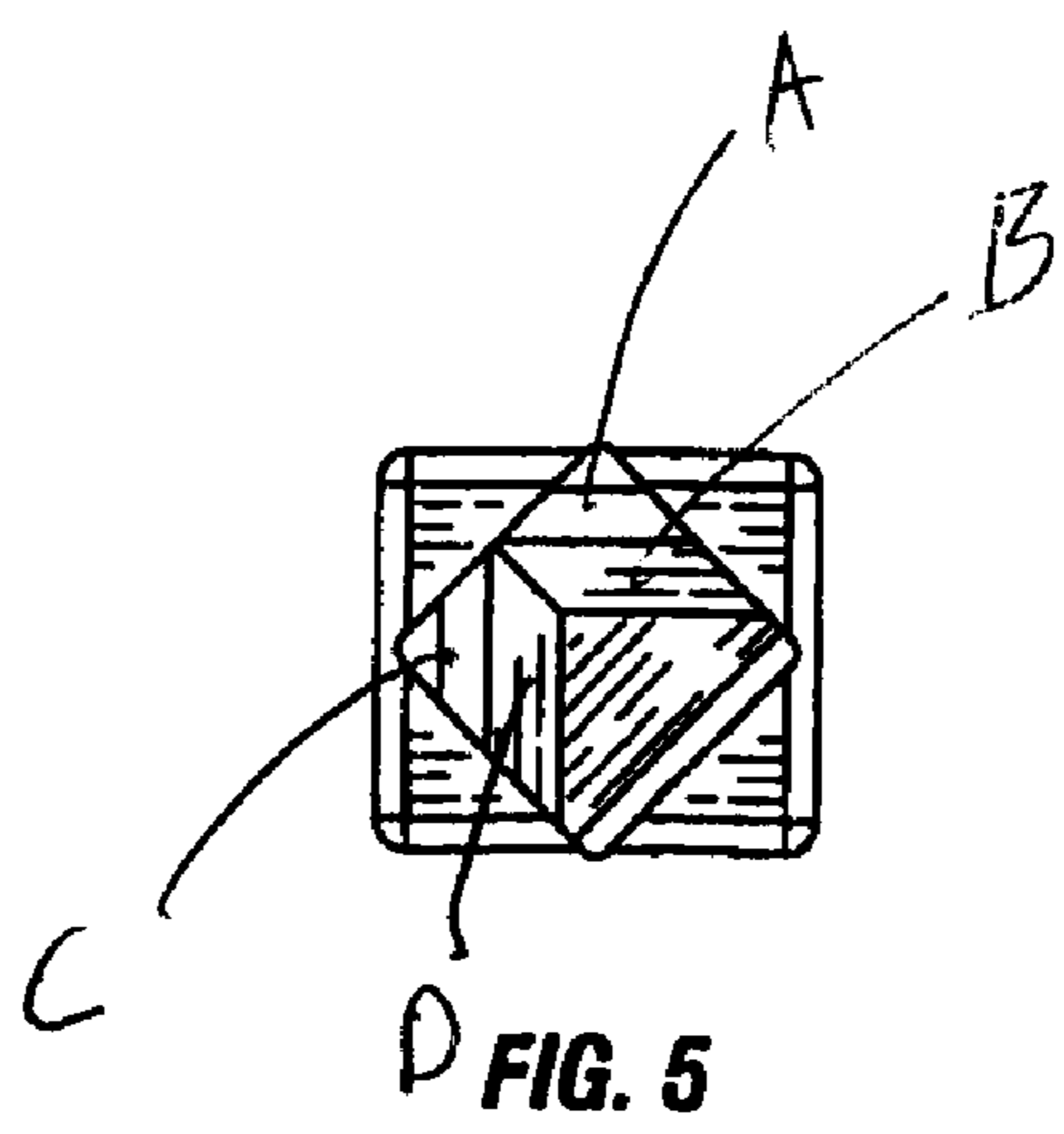
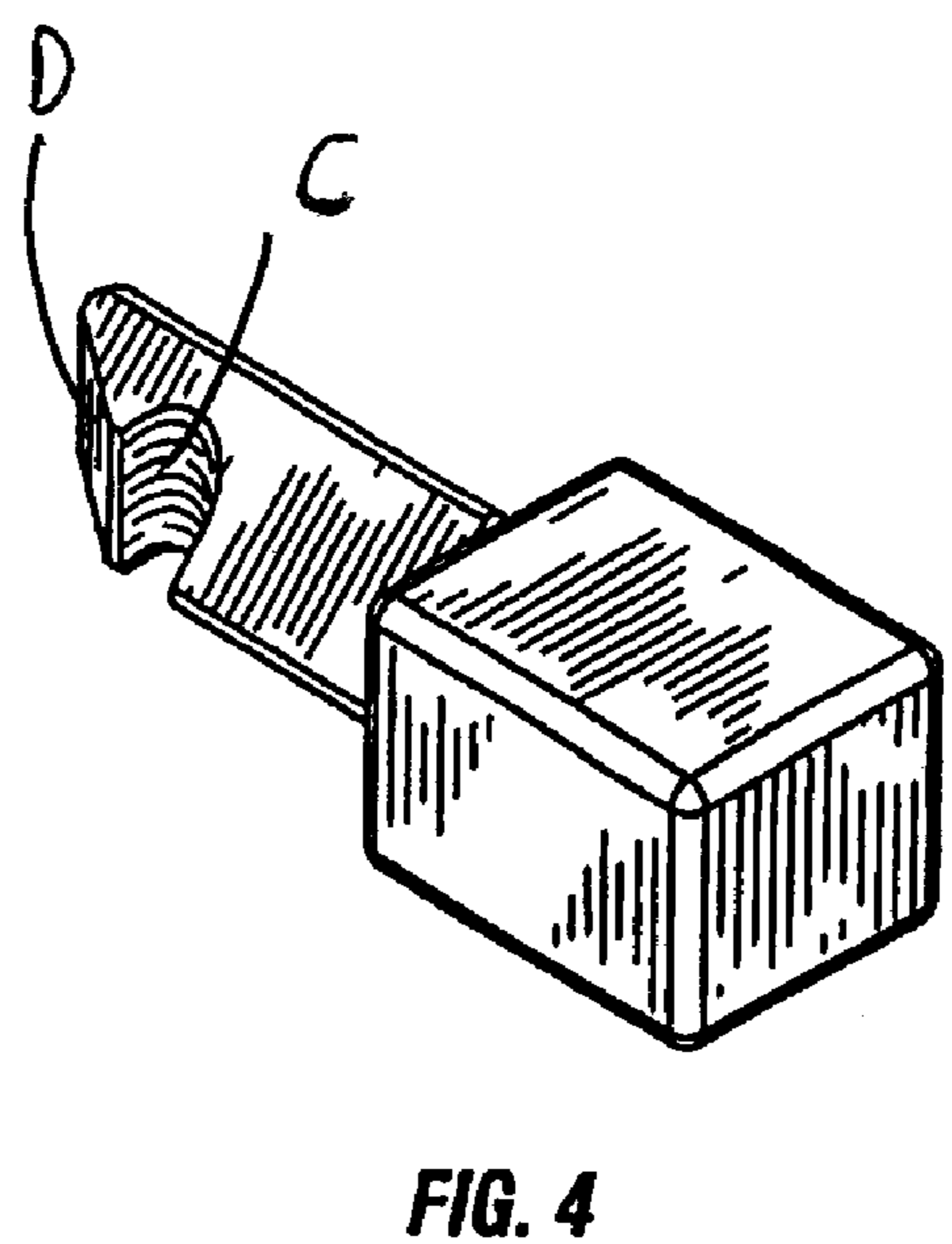
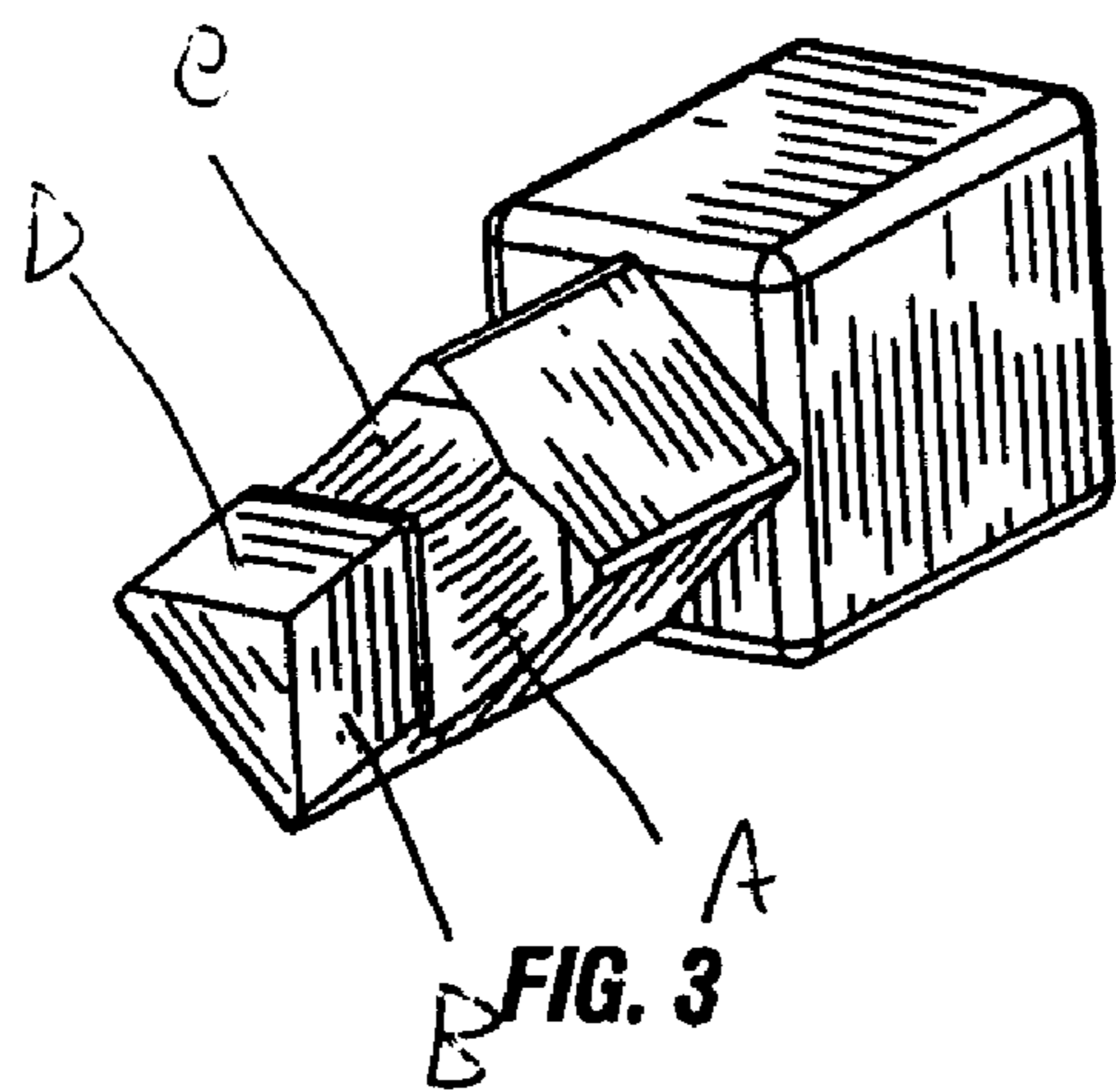


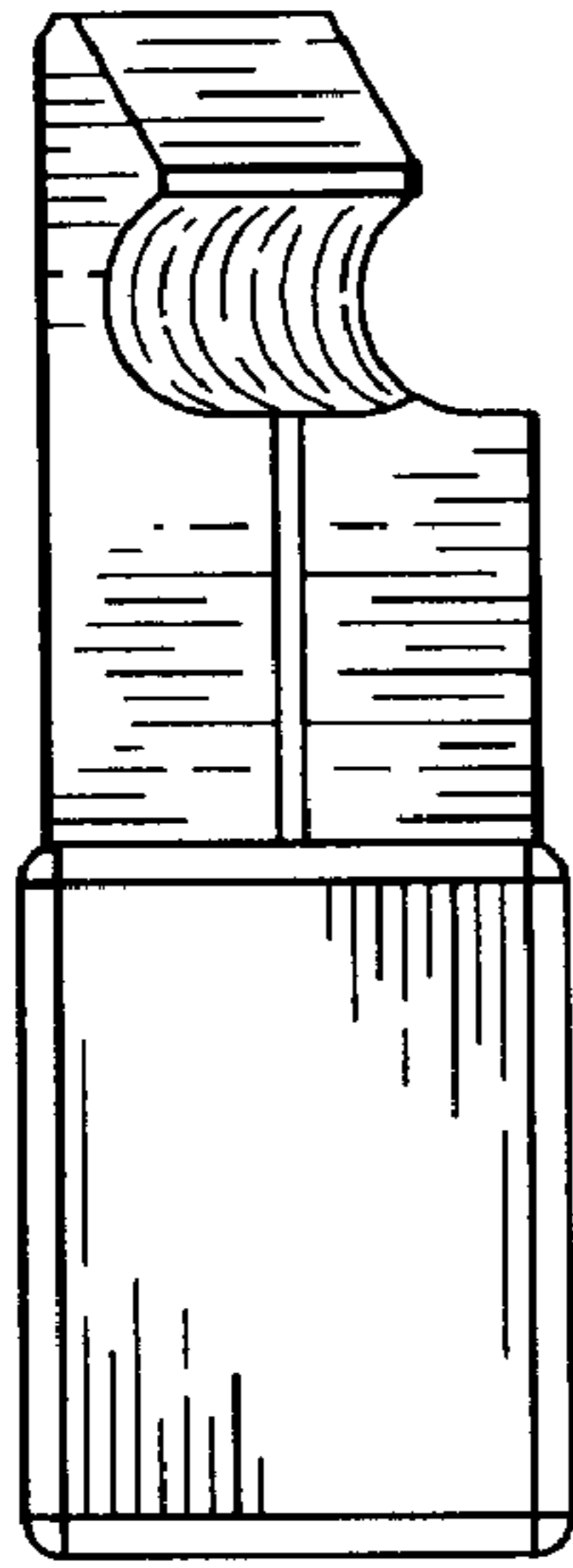


**FIG. 1**

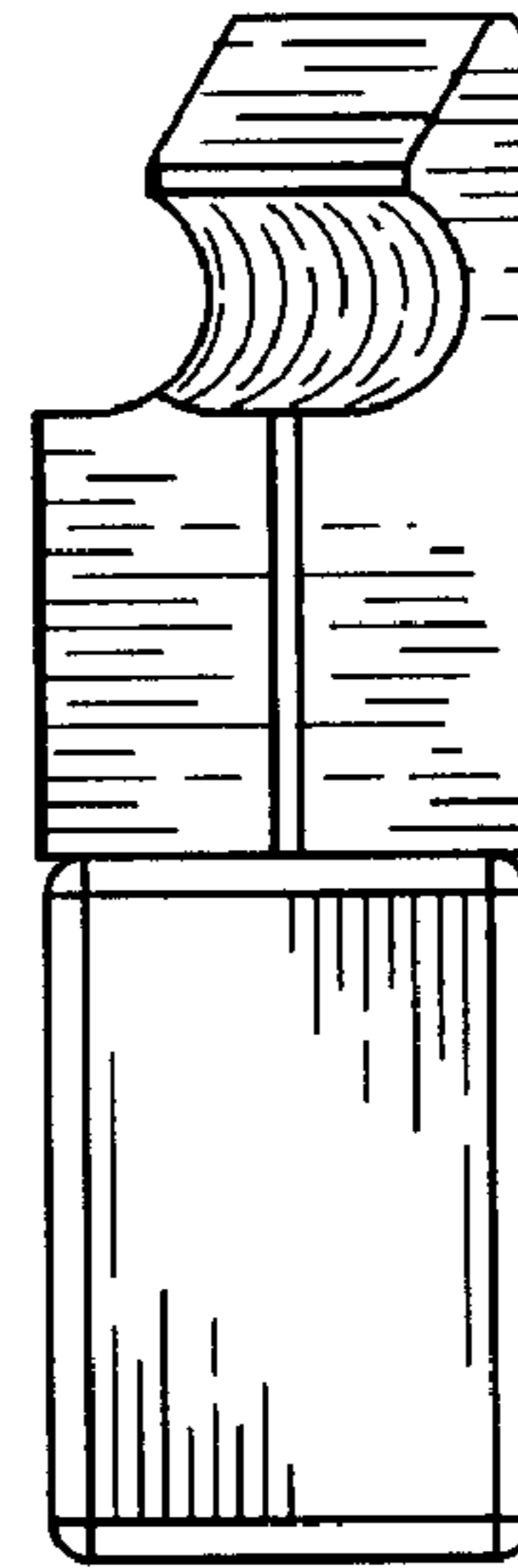


**FIG. 2**

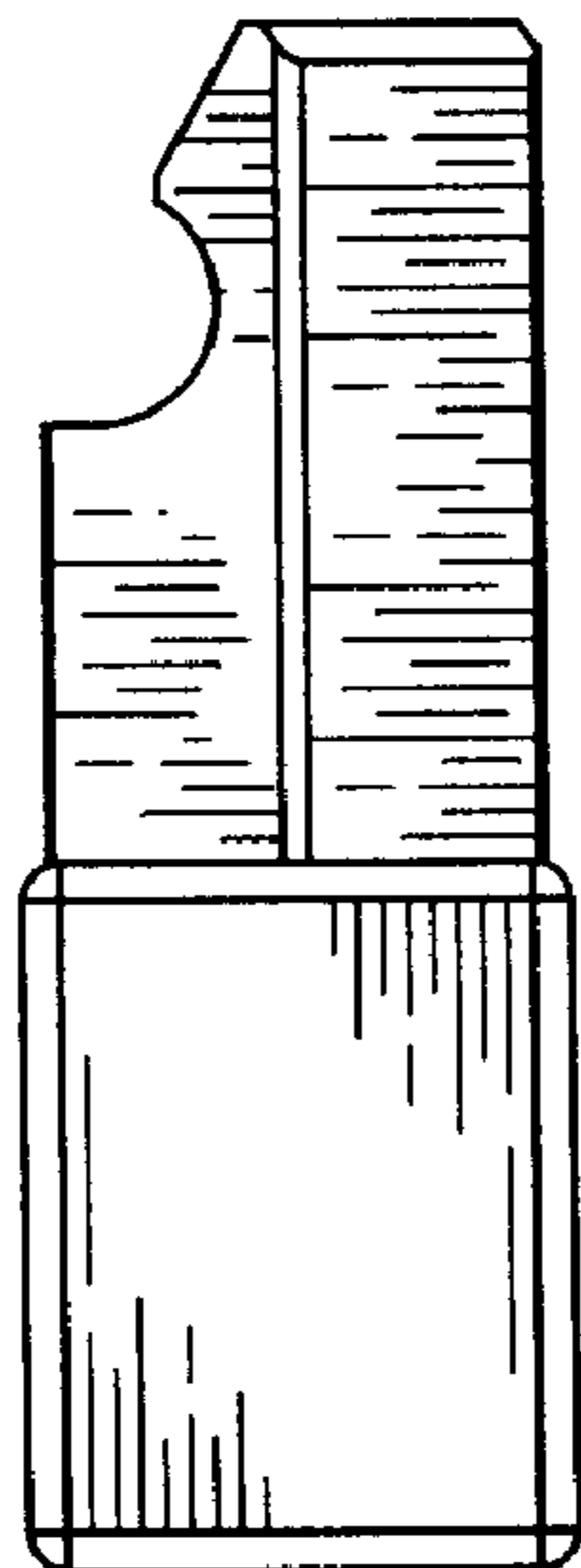




**FIG. 6**



**FIG. 7**



**FIG. 8**