



US00D529523S

(12) **United States Design Patent**
Duncan

(10) **Patent No.:** **US D529,523 S**

(45) **Date of Patent:** **** Oct. 3, 2006**

(54) **SQUARE MANDREL**

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(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.

(56) **References Cited**

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(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;

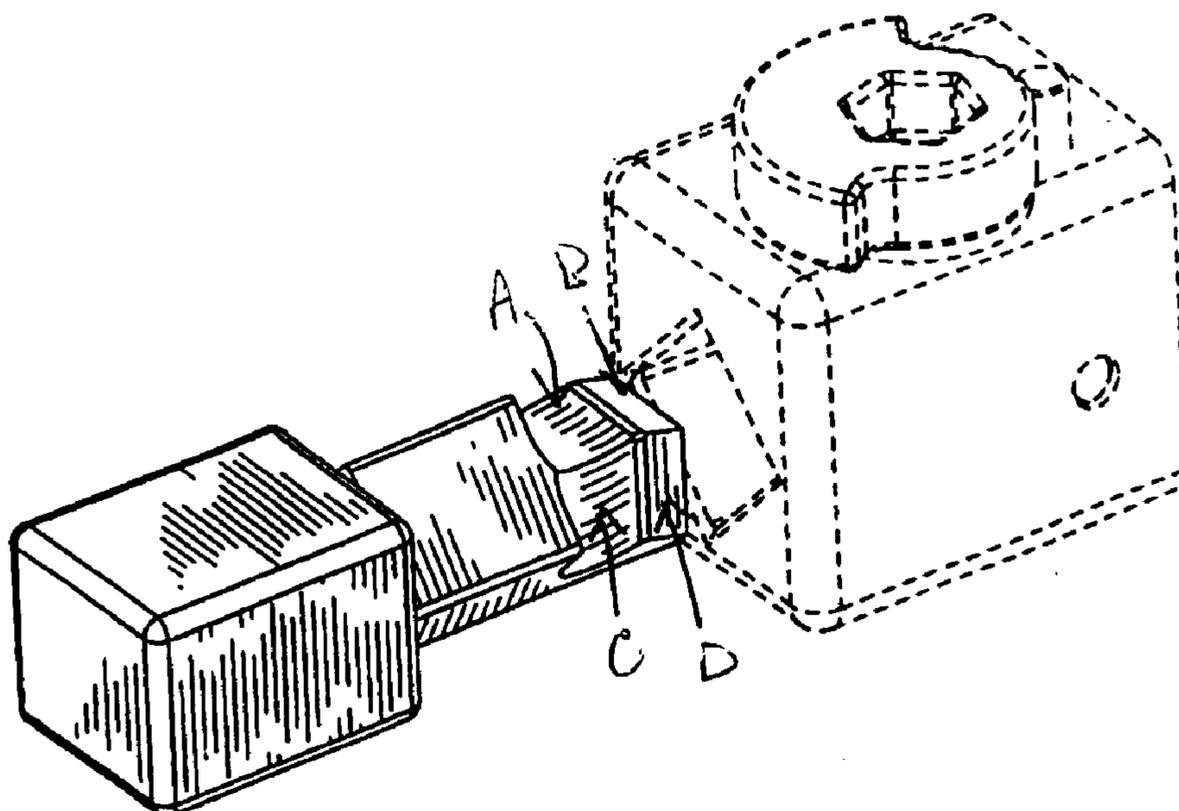
FIG. 6 is a front view of the square mandrel of the present invention;

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



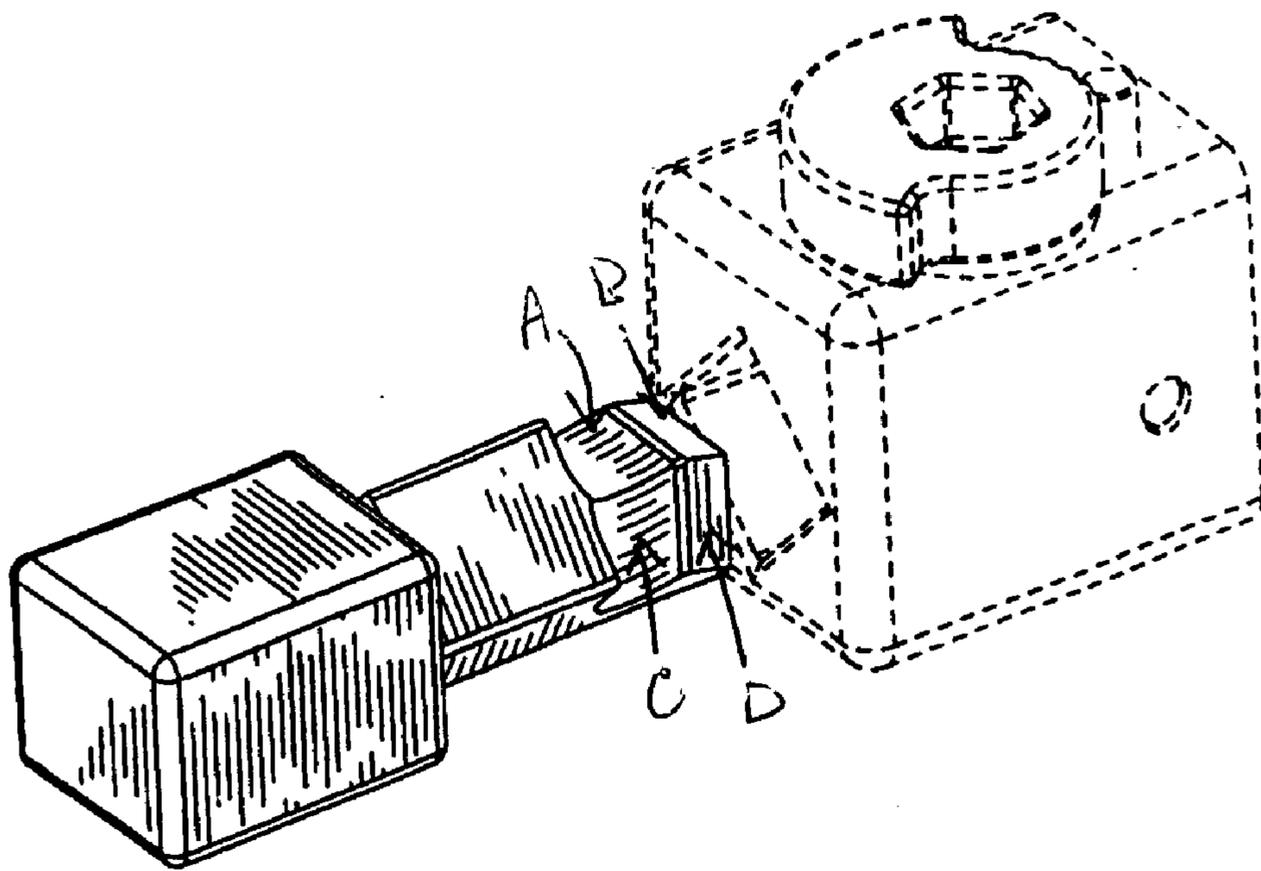


FIG. 1

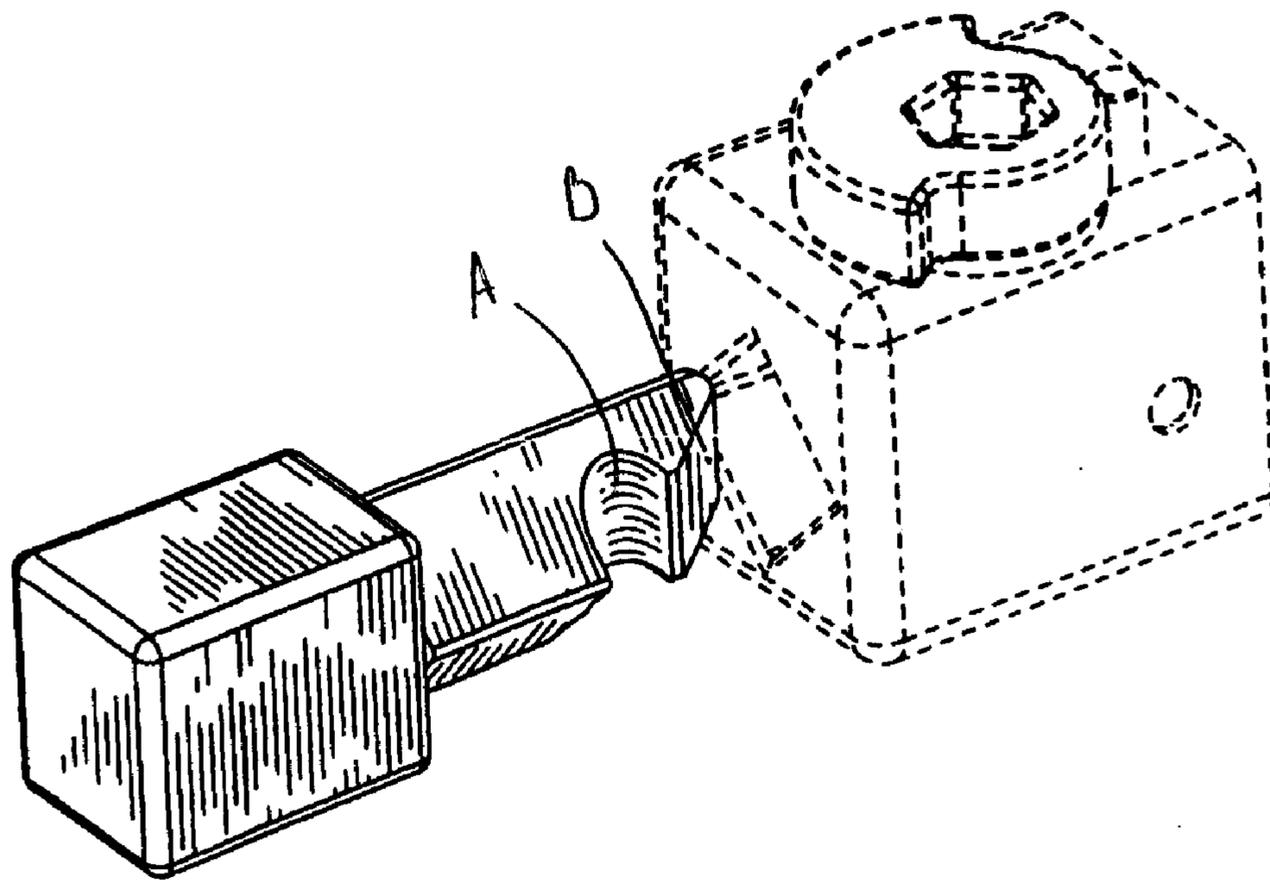
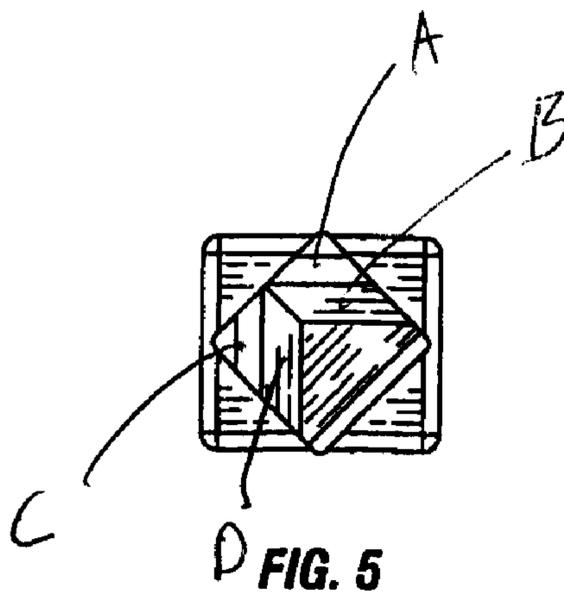
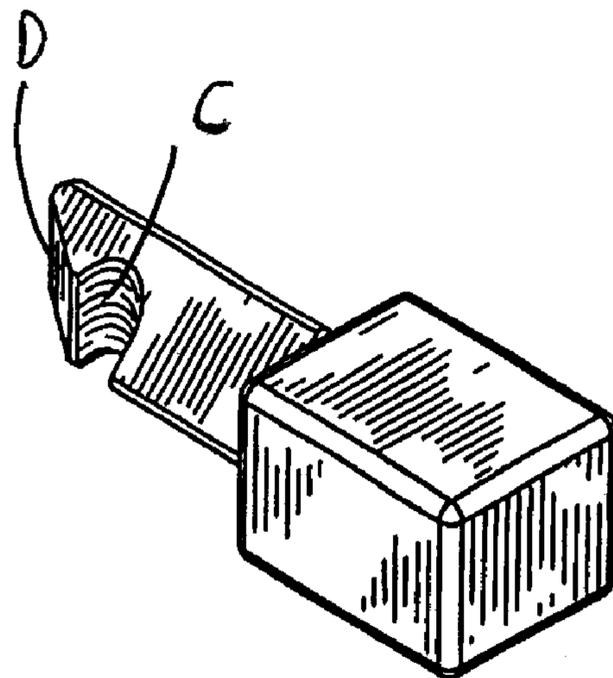
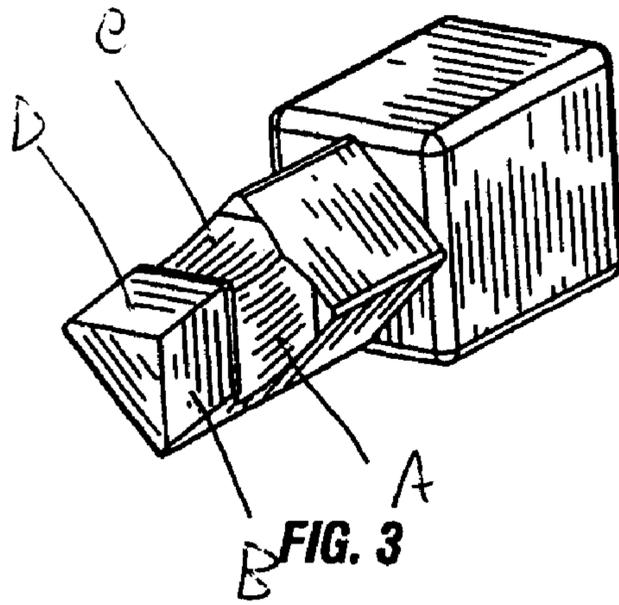


FIG. 2



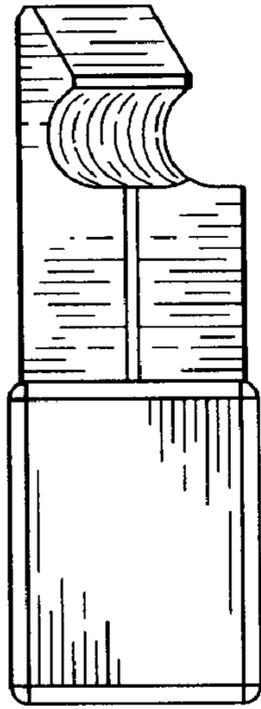


FIG. 6

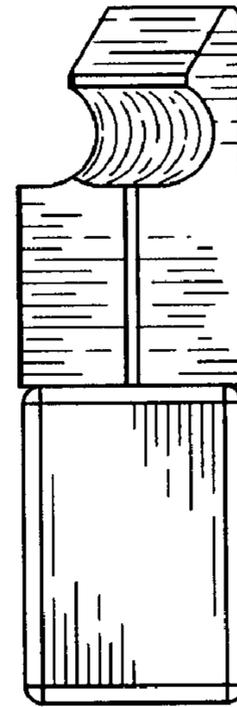


FIG. 7

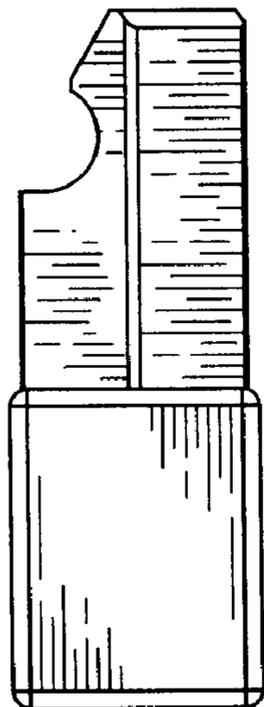


FIG. 8