



US00D324870S

# United States Patent [19]

[11] Patent Number: **Des. 324,870**

Dealey

[45] Date of Patent: **\*\* Mar. 24, 1992**

[54] **UNITARY HOT SPRUE BUSHING**

4,666,396 5/1987 Shaw ..... 425/549  
4,740,151 4/1988 Schmidt et al. .... 425/549

[75] Inventor: **Robert W. Dealey, Rochester Hills, Mich.**

*Primary Examiner*—Bruce W. Dunkins  
*Assistant Examiner*—Antoine D. Davis  
*Attorney, Agent, or Firm*—Michael W. York

[73] Assignee: **Fairchild Industries, Inc., Chantilly, Va.**

[57] **CLAIM**

[\*\*] Term: **14 Years**

The ornamental design for a unitary hot sprue bushing, as shown and described.

[21] Appl. No.: **265,431**

**DESCRIPTION**

[22] Filed: **Oct. 31, 1988**

[52] U.S. Cl. .... **D15/143**

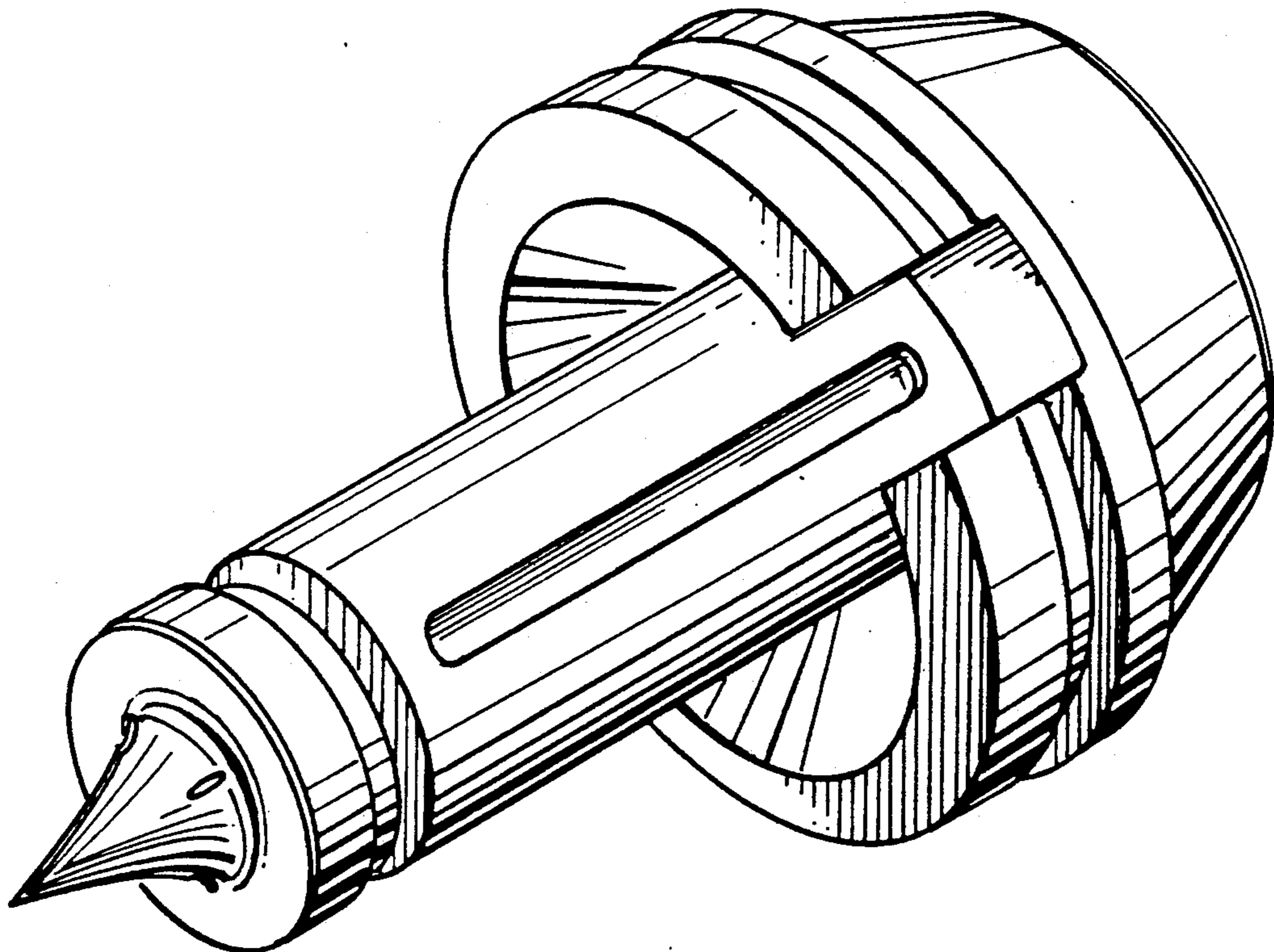
[58] Field of Search ..... **D15/143; 264/106, 155, 264/161, 163, 328.9; 425/548, 549, 556, 563, 564, 573, 810**

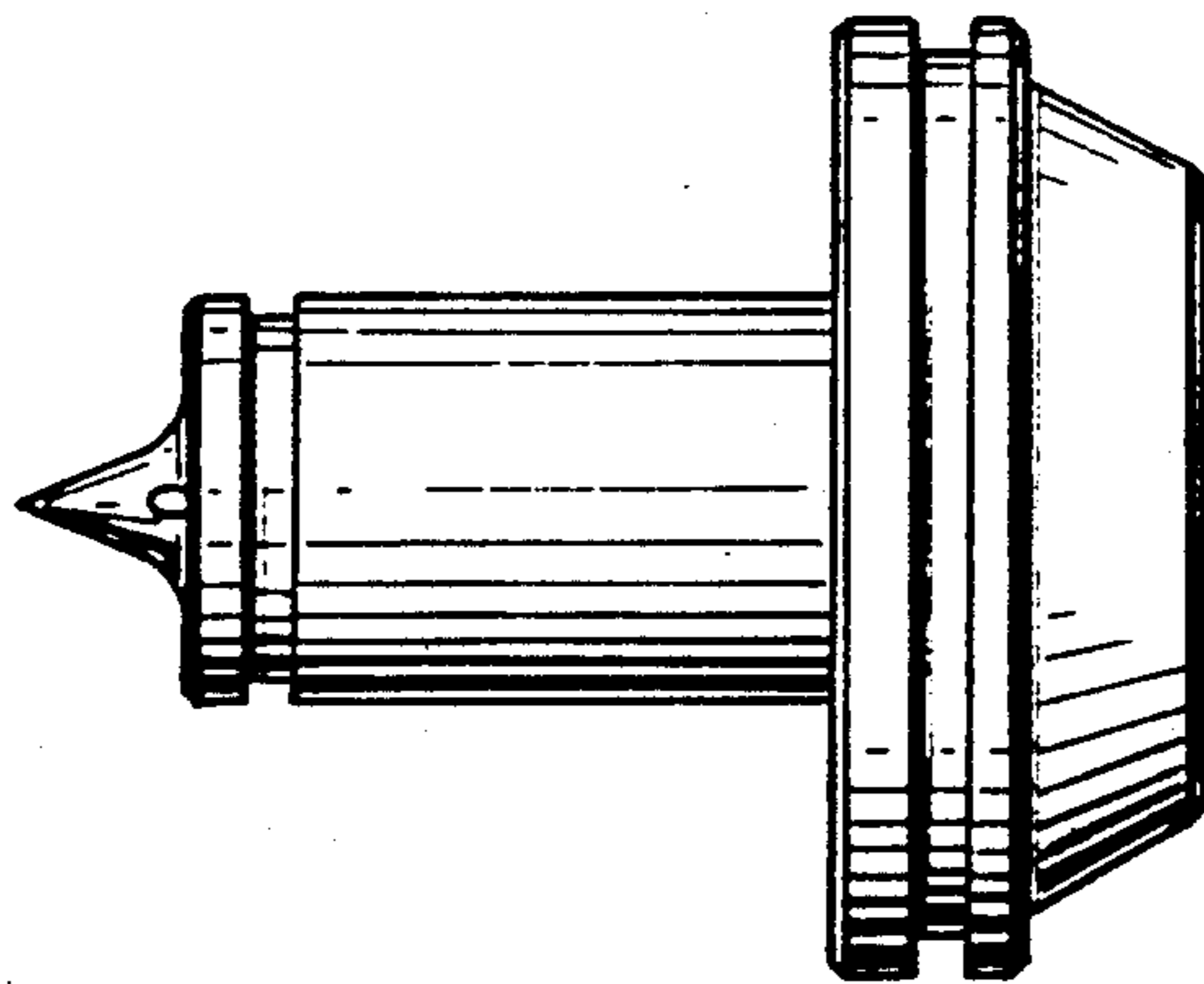
FIG. 1 is a side elevational view of a unitary hot sprue bushing showing my new design; FIG. 2 is a view of the unitary hot sprue bushing illustrated in FIG. 1 with the unitary hot sprue bushing rotated about its horizontal axis 180 degrees; FIG. 3 is an end view thereof taken from the left of FIG. 1; FIG. 4 is an end view thereof taken from the right of FIG. 1; and, FIG. 5 has been drawn on an enlarged scale with respect to FIGS. 1-4.

[56] **References Cited**

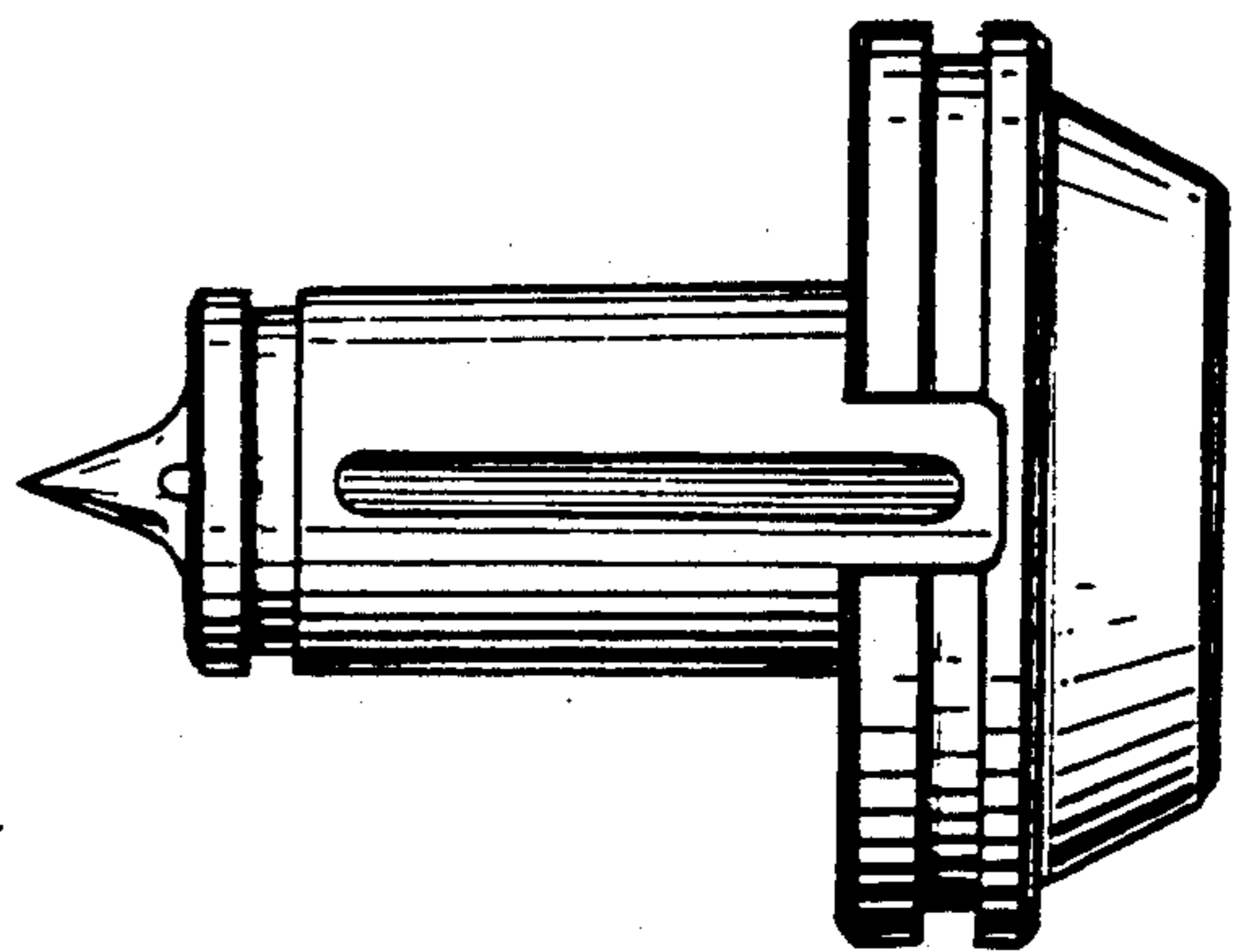
**U.S. PATENT DOCUMENTS**

D. 255,577	6/1980	Dahlquist	.....	D15/143 X
4,273,525	6/1981	Reitan	.....	425/567 X
4,492,555	1/1985	Schultz	.....	425/549 X
4,517,453	5/1985	Tsutsumi	.....	425/548 X

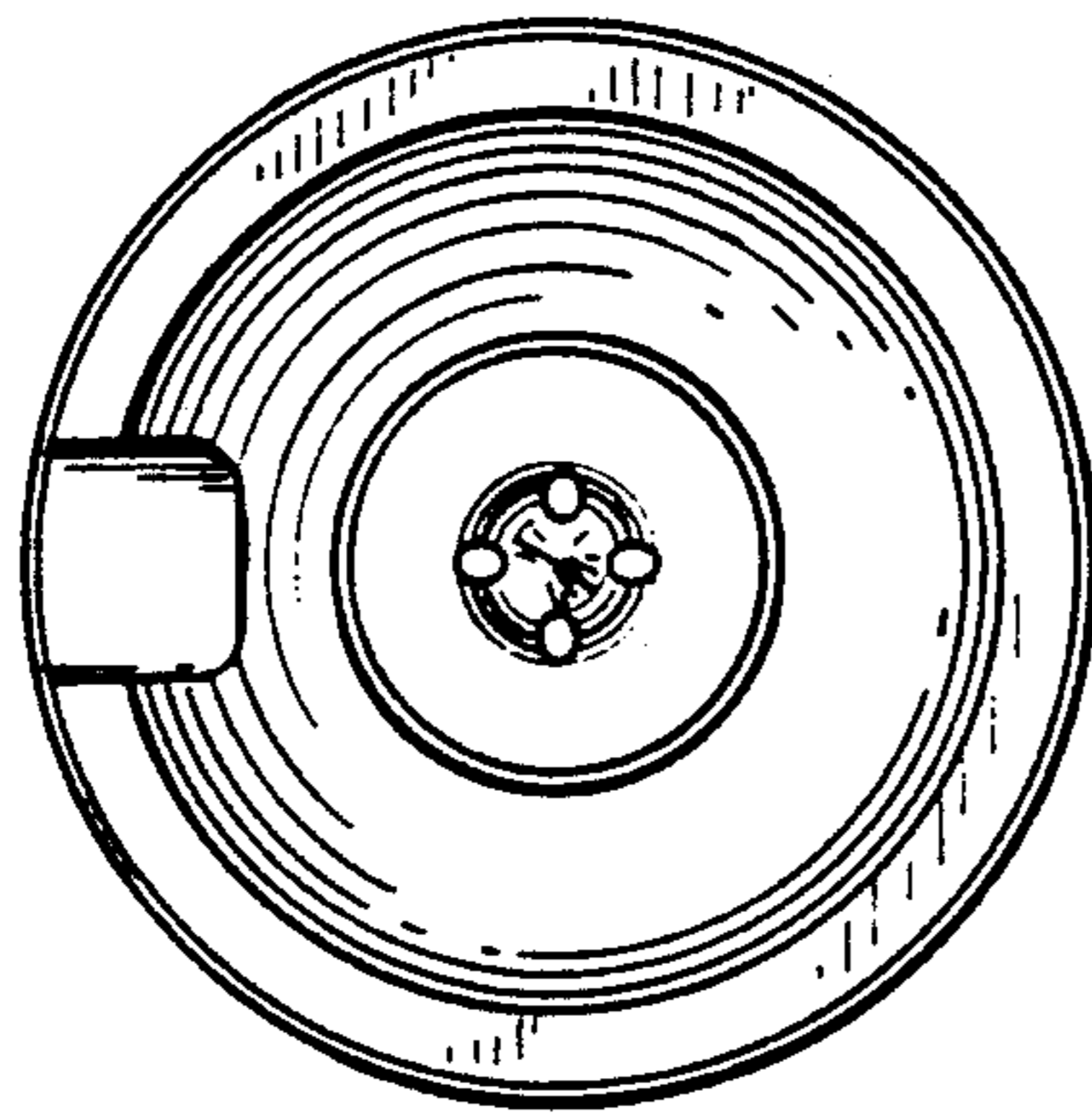




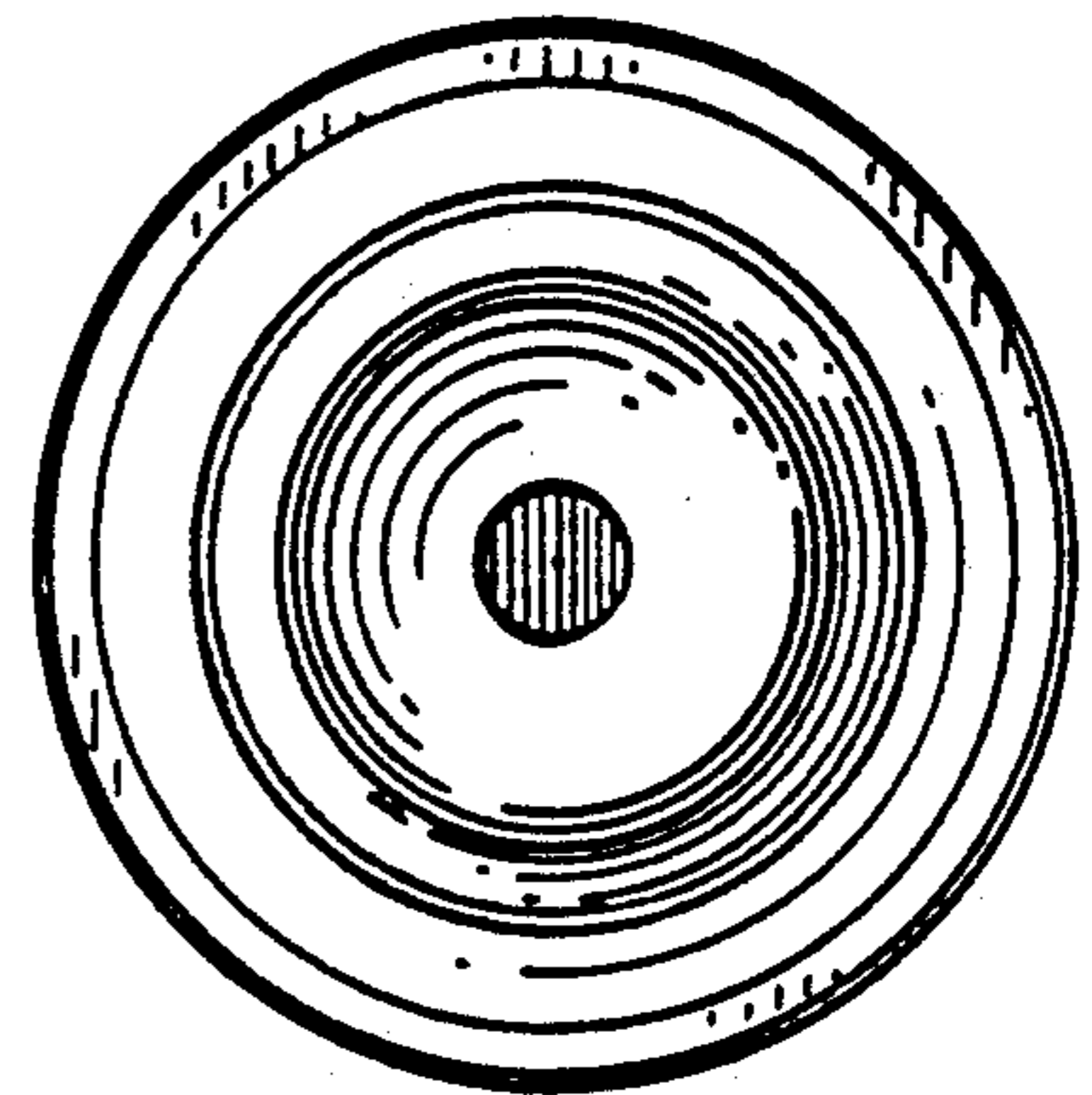
**Fig. 1**



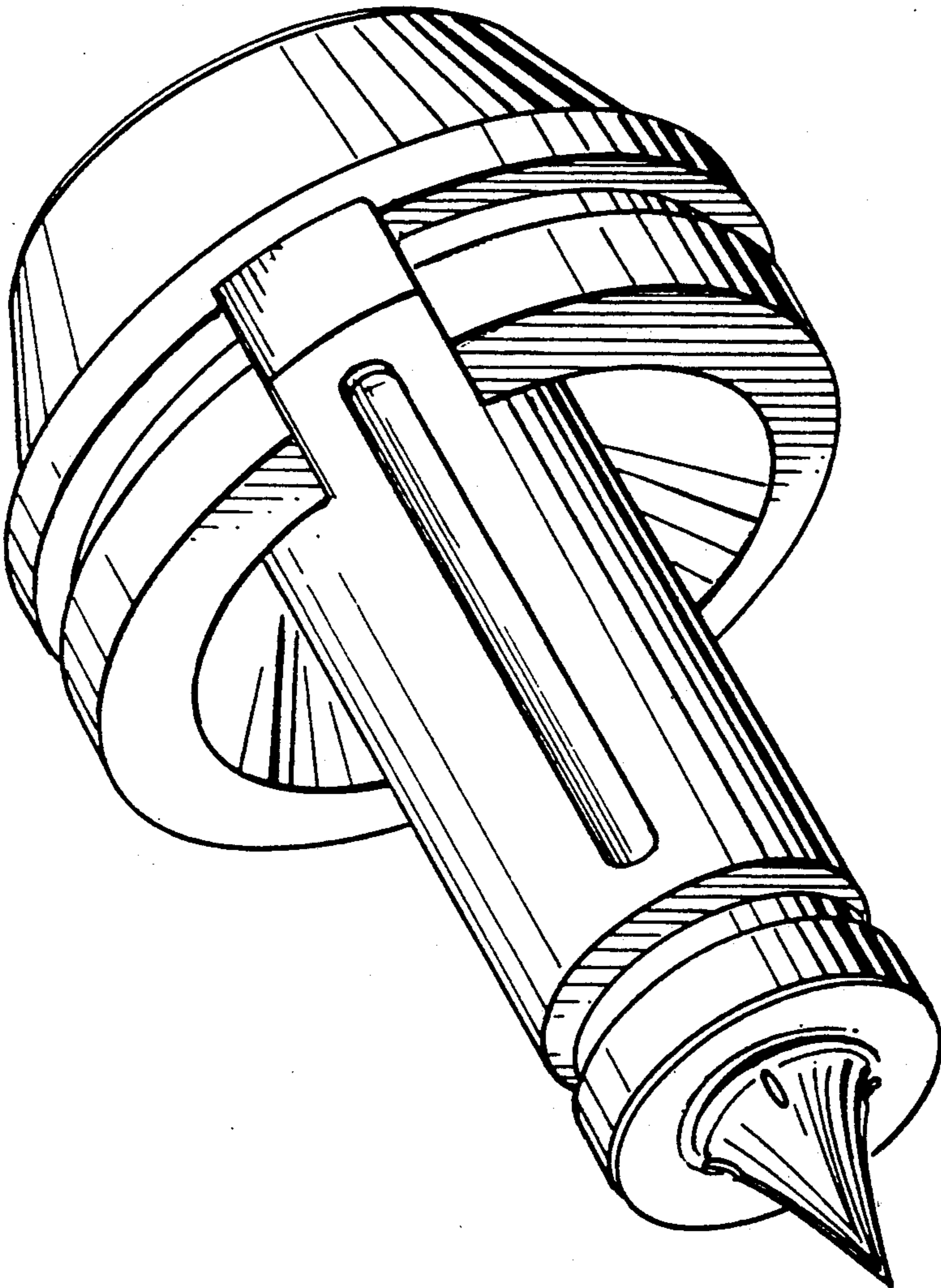
**Fig. 2**



**Fig. 3**



**Fig. 4**



5  
F i o s