



US00D326989S

# United States Patent [19]

[11] Patent Number: **Des. 326,989**

Button et al.

[45] Date of Patent: **\*\* Jun. 16, 1992**

[54] **KNIFE SHARPENER**

4,903,438 2/1990 Smith ..... 51/211 R  
4,912,885 4/1990 Bonapace ..... 76/82

[75] Inventors: **Frank R. Button; Alvin E. Taylor,**  
both of Lake Hamilton, Ark.

### OTHER PUBLICATIONS

Chicago Cutlery Catalog, 1983, p. 7, Crock Stick Sharpeners.

[73] Assignee: **The Tri-V Corporation, Percy, Ark.**

*Primary Examiner*—Bernard Ansher  
*Assistant Examiner*—Philip Hyder  
*Attorney, Agent, or Firm*—George F. Helfrich

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

[21] Appl. No.: **358,605**

### [57] CLAIM

[22] Filed: **May 30, 1989**

[52] U.S. Cl. .... **D8/93**

The ornamental design for a knife sharpener, as shown and described.

[58] Field of Search ..... **D8/91, 92, 93; 51/157,**  
**51/158, 205 HG, 211 R, 211 H, 214, 221 BS;**  
**76/86, 88**

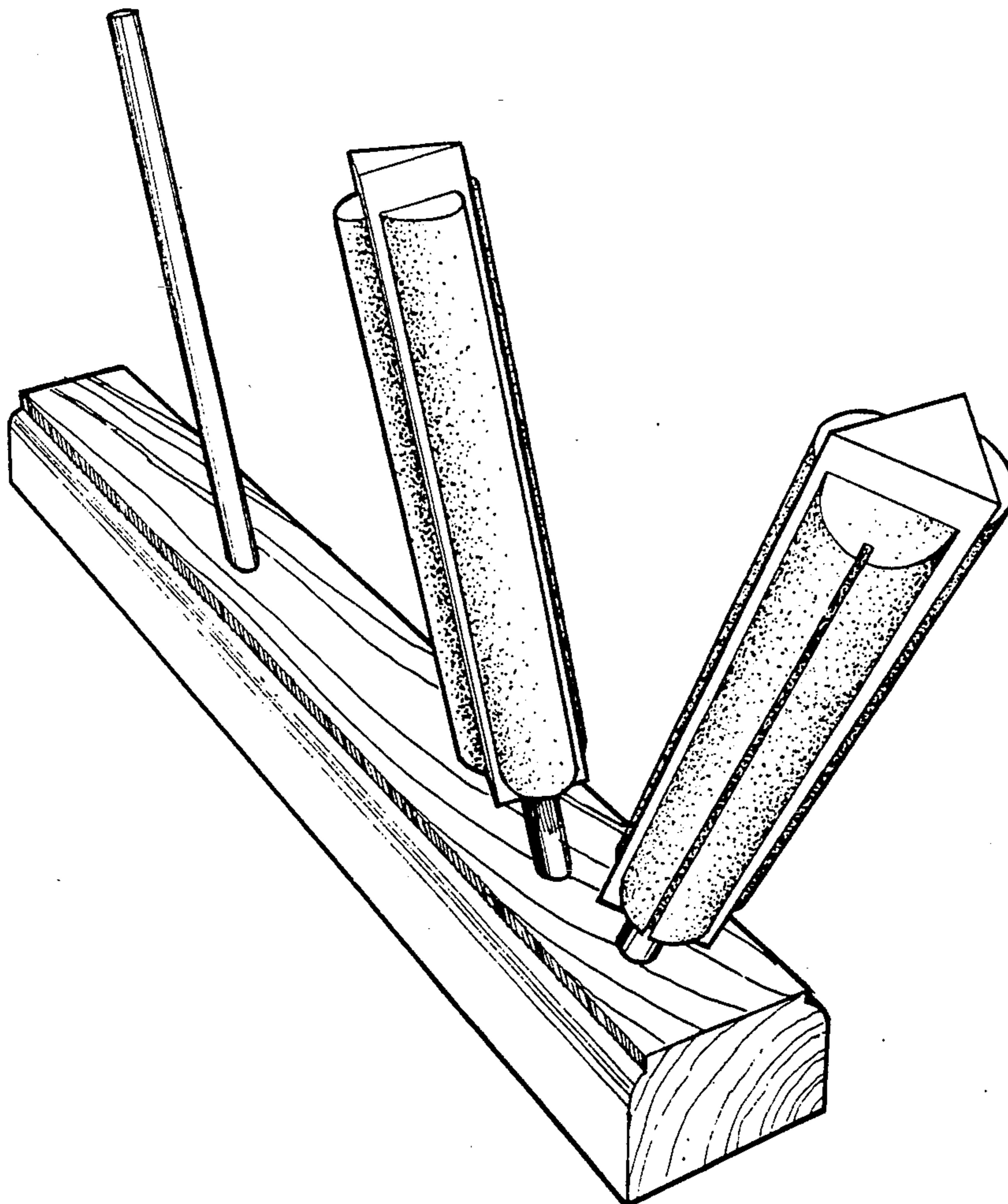
### DESCRIPTION

### [56] References Cited

#### U.S. PATENT DOCUMENTS

D.290,222	6/1987	Moody	.....	D8/91
4,231,194	11/1980	Glesser	.....	51/211 R
4,538,382	9/1985	Johannsen	.....	51/211 R
4,719,722	1/1988	Washburn	.....	51/205 WG
4,731,953	3/1988	Owen	.....	51/221 BS

FIG. 1 is a perspective view of a knife sharpener showing my new design;  
FIG. 2 is a right side elevational view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a bottom plan view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a rear elevational view thereof; and,  
FIG. 7 is a front elevational view thereof.



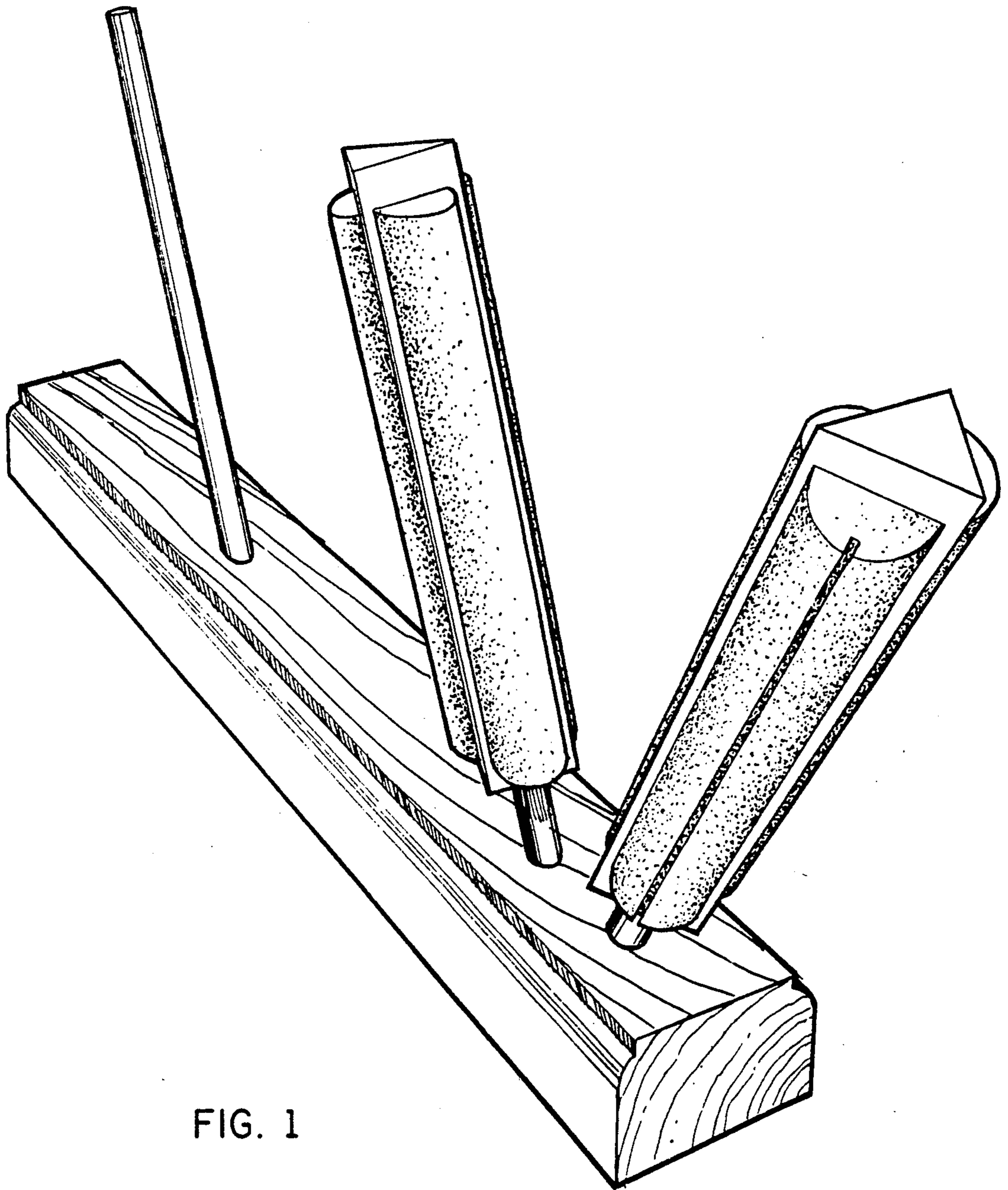


FIG. 1

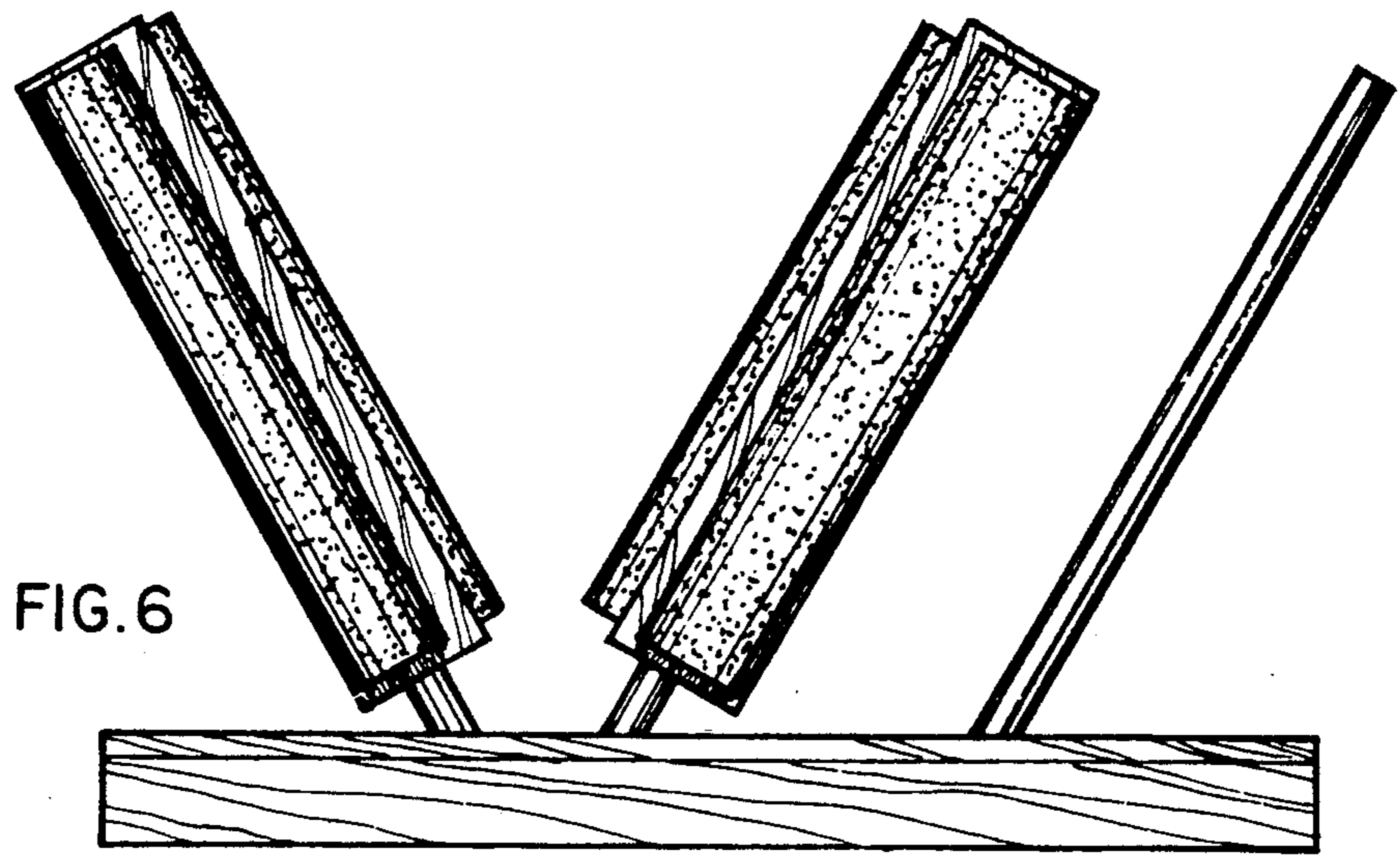


FIG. 6

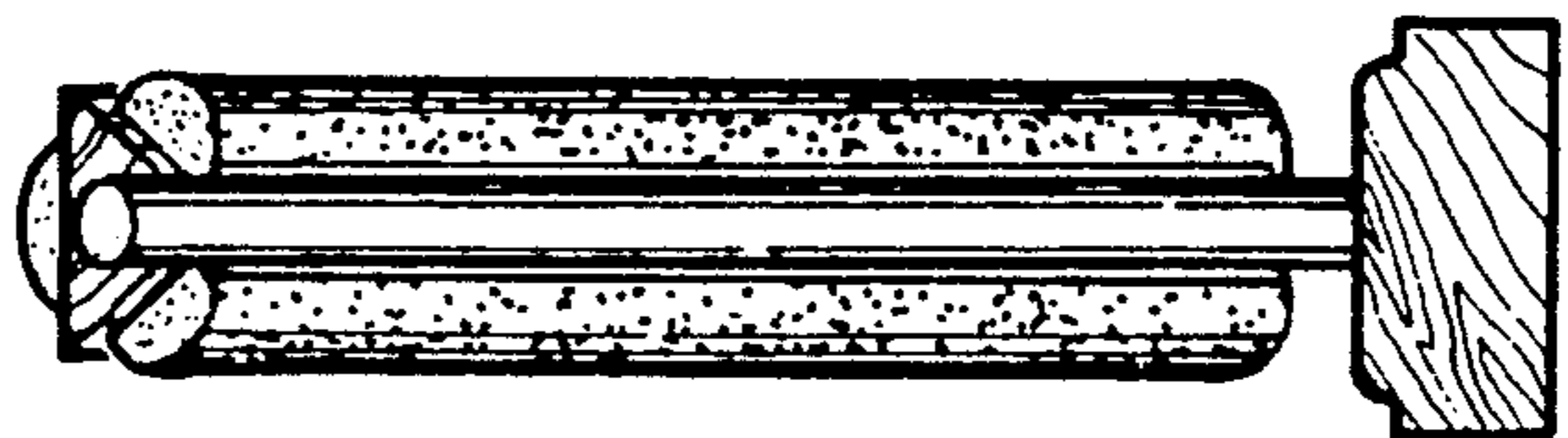


FIG. 3

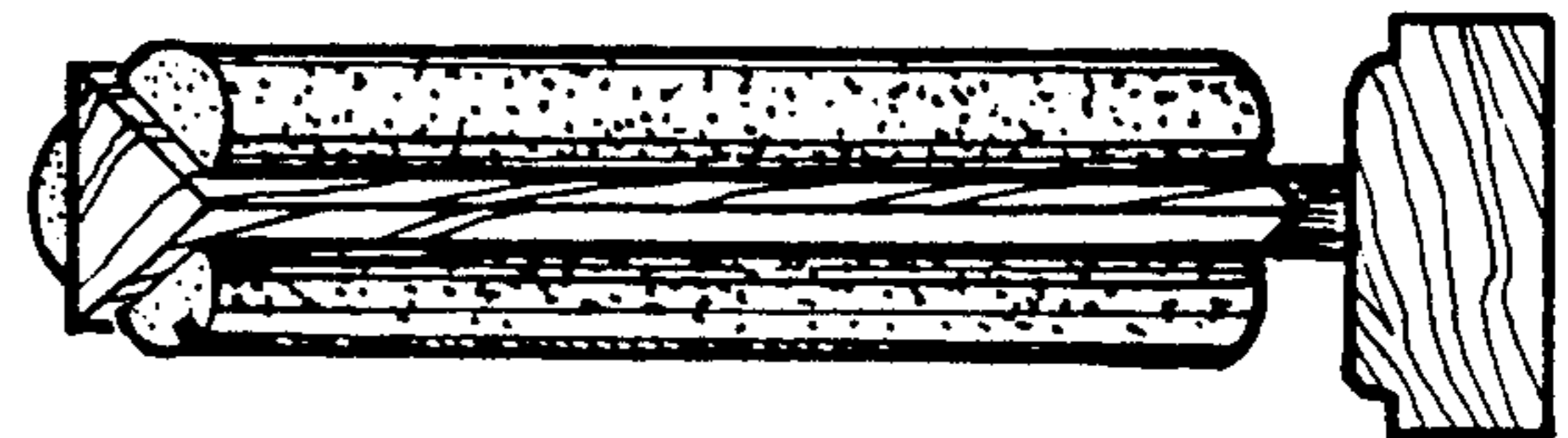


FIG. 2

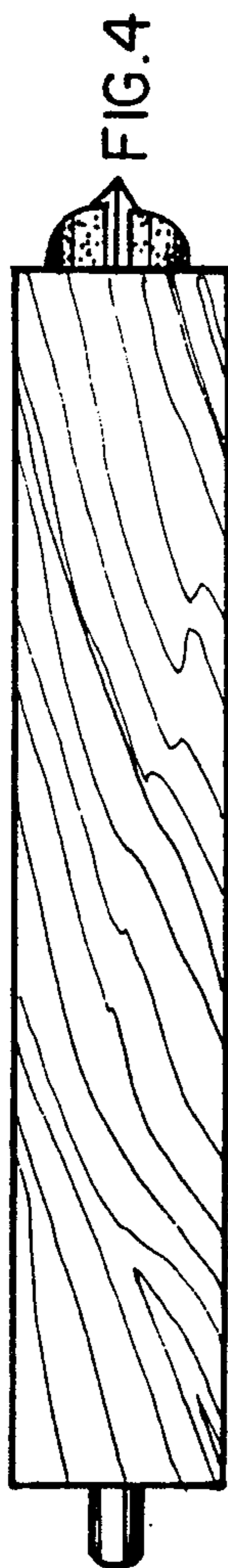


FIG. 4



FIG. 5

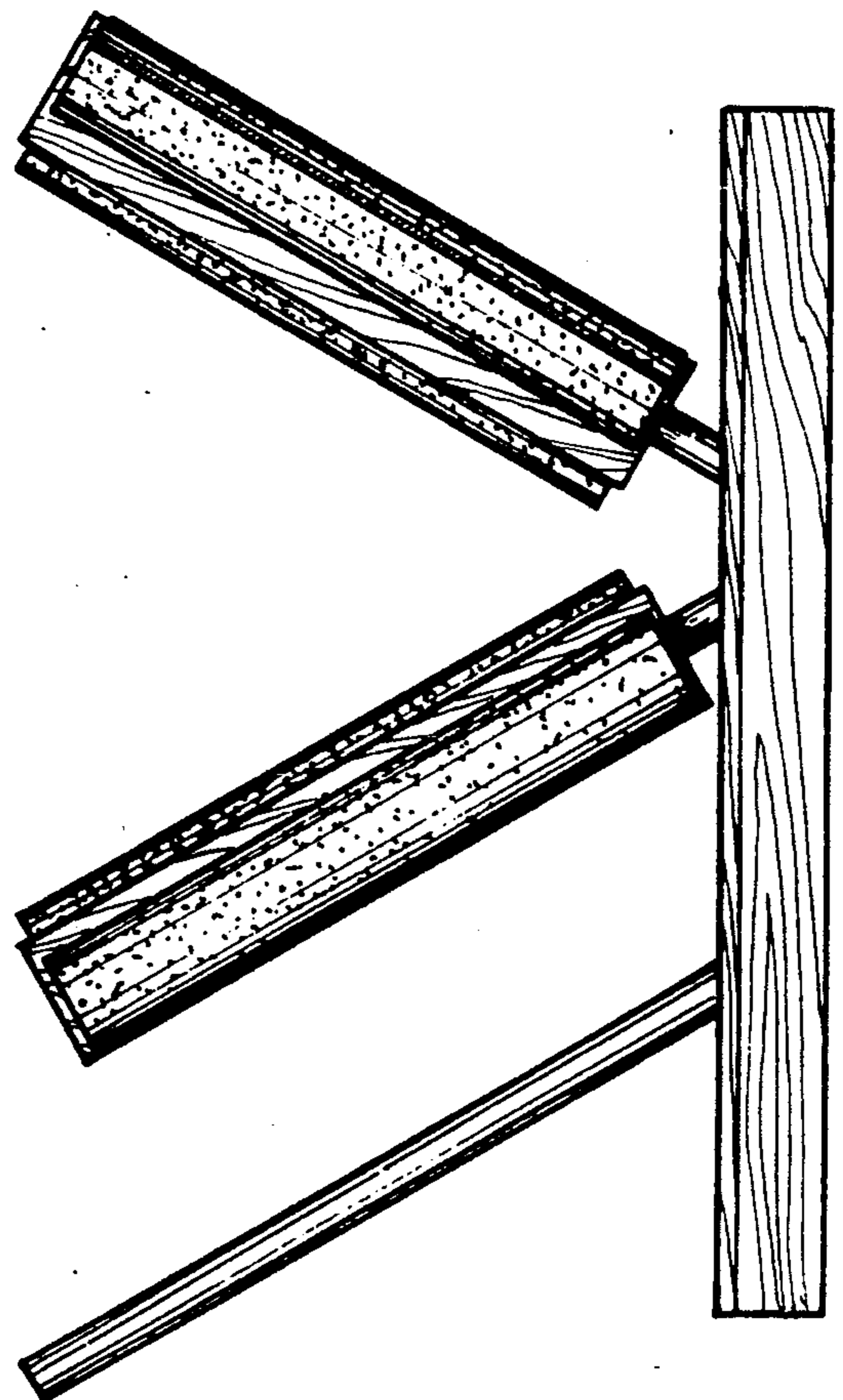


FIG. 7