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

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(45) **Date of Patent:** **** Apr. 30, 2002**

(54) **SPINDLE**

6,126,148 A 10/2000 Lesenskyj

(75) **Inventor:** **Ronald D. Erwin**, Fayetteville, GA (US)

OTHER PUBLICATIONS

World Fence News, Jan. 1998, Issue 177, Round Madison Spindles.

(73) **Assignee:** **Erwin Industries, Inc.**, Peachtree City, GA (US)

* cited by examiner

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

Primary Examiner—Doris Clark

(21) **Appl. No.:** **29/148,297**

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(57) **CLAIM**

(51) **LOC (7) Cl.** **25-01**

I claim the ornamental design for a spindle, as shown and described.

(52) **U.S. Cl.** **D25/126**

(58) **Field of Search** D25/126; 52/720.2, 52/736.1; 256/65

DESCRIPTION

(56) **References Cited**

FIG. 1 is a perspective illustration of a spindle according to the invention.

FIG. 2 is a front view of the spindle of FIG. 1 (back, left and right views are identical to this front view).

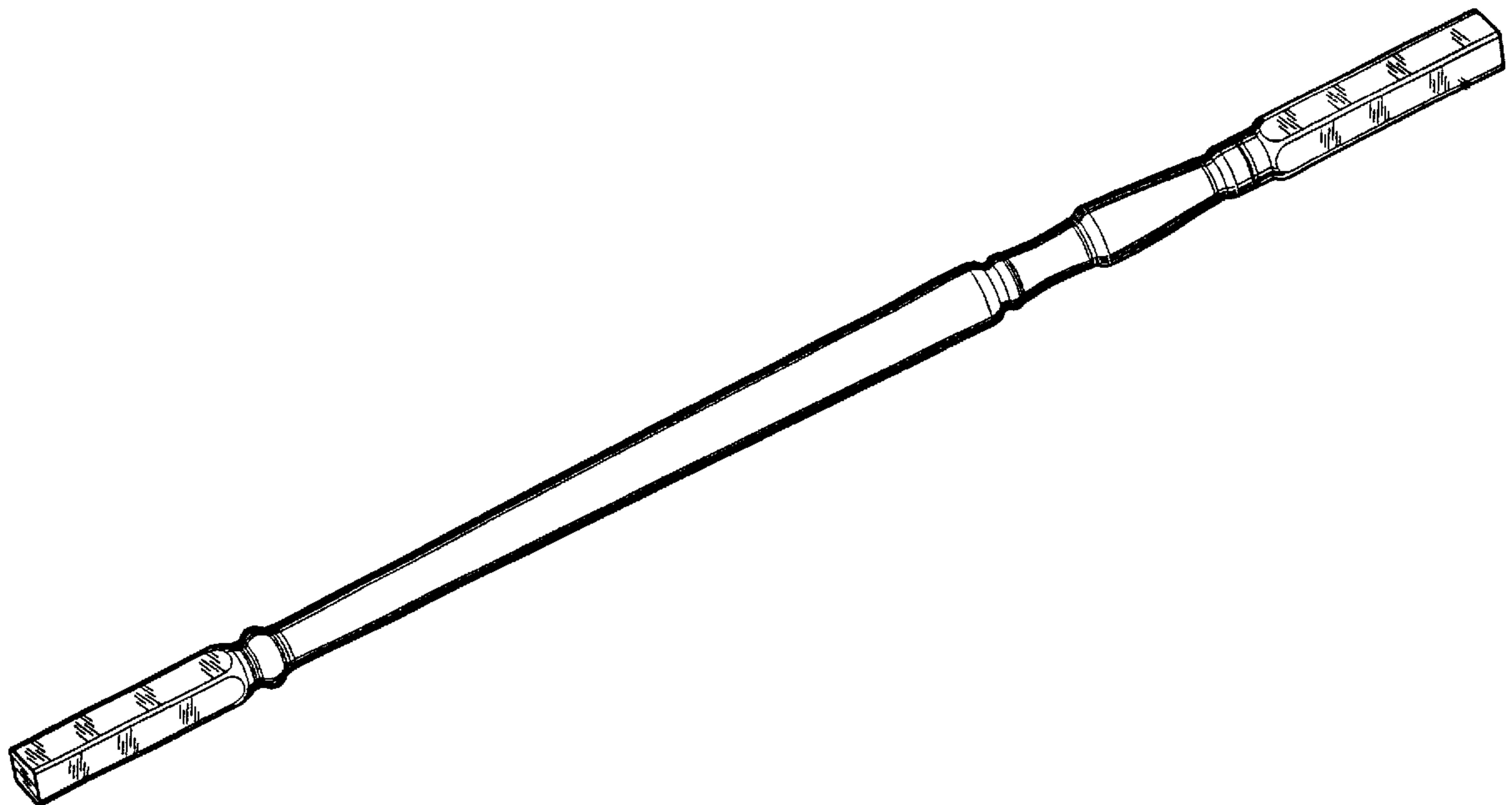
FIG. 3 is an enlarged detailed front view of a first portion of the spindle of FIG. 1; and,

FIG. 4 is an enlarged detailed front view of a second portion of the spindle of FIG. 1.

U.S. PATENT DOCUMENTS

4,035,978 A	*	7/1977	Bajorek et al.	52/720.2
D373,833 S		9/1996	Lapp, Jr.		
5,626,331 A		5/1997	Erwin		
5,876,021 A		3/1999	Spence et al.		
D415,578 S	*	10/1999	DeSouza	D25/126
D420,152 S		2/2000	Erwin		

1 Claim, 2 Drawing Sheets



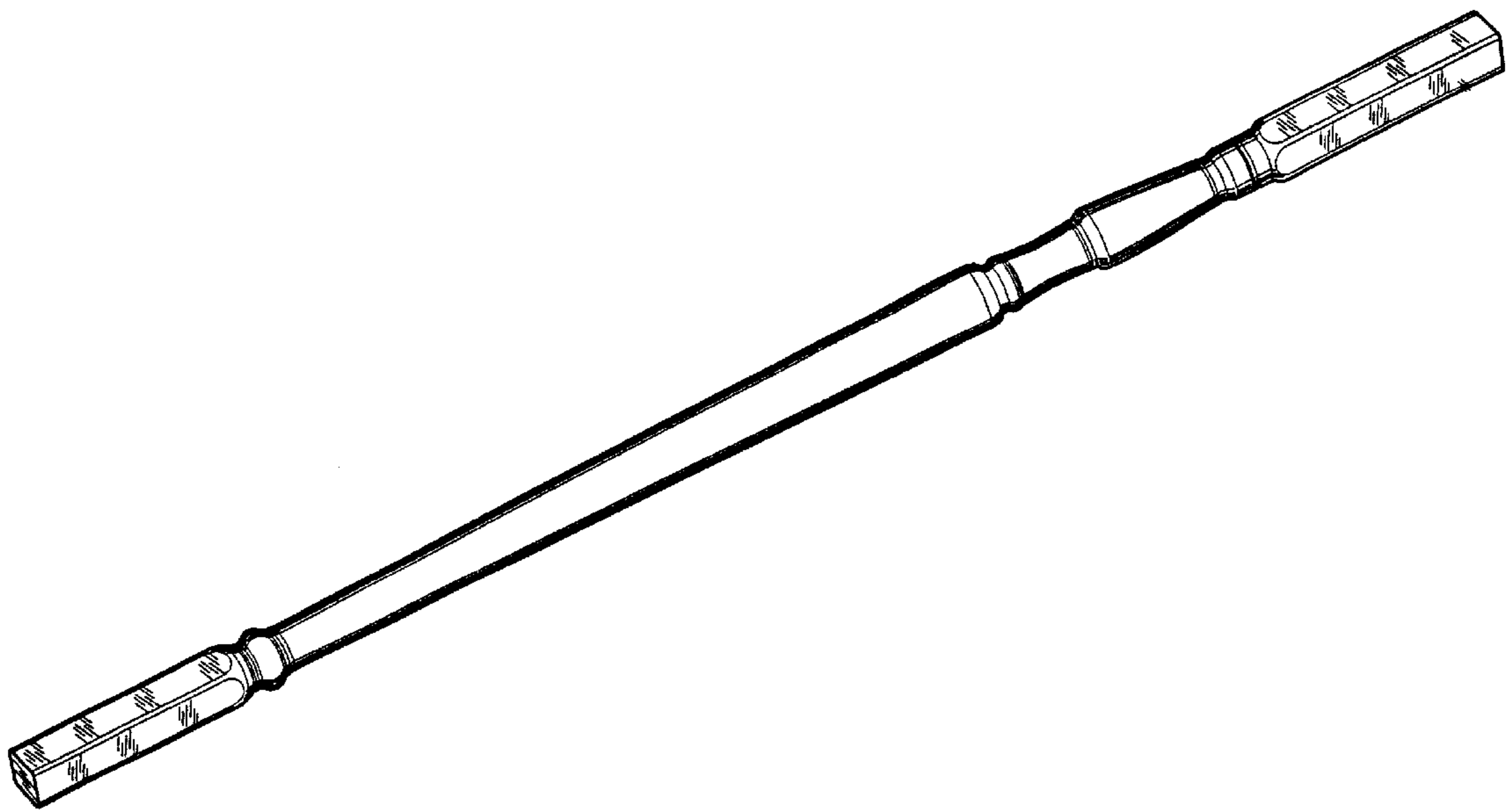


FIG. 1

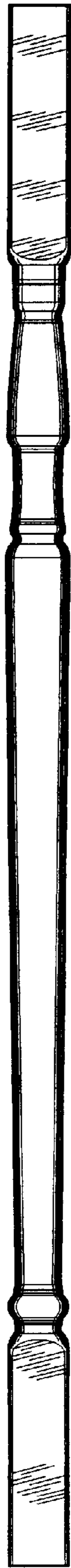


FIG. 2

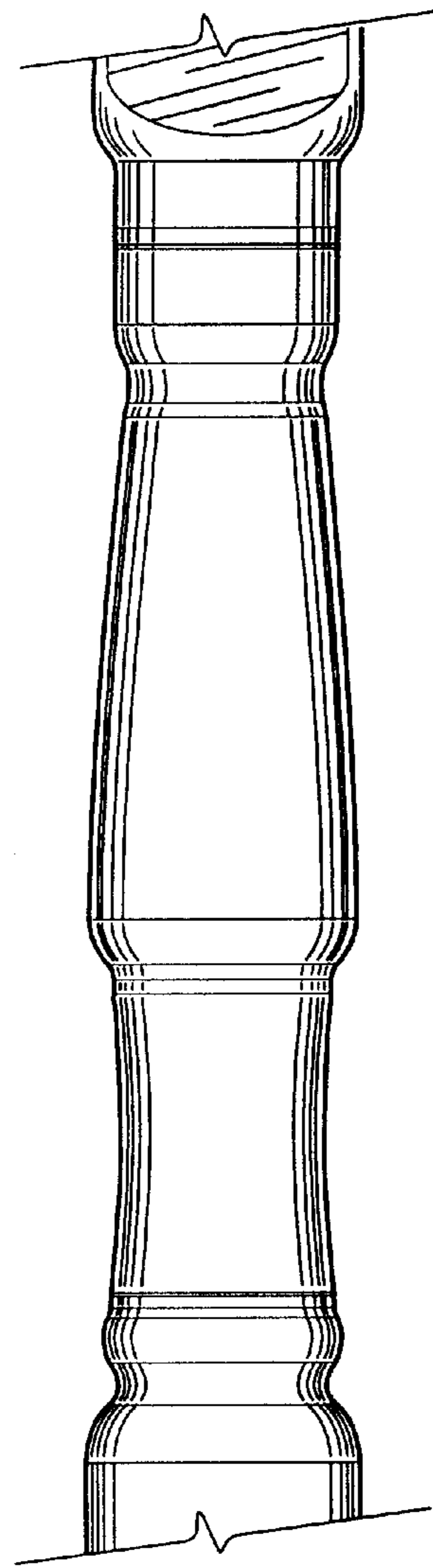


FIG. 3

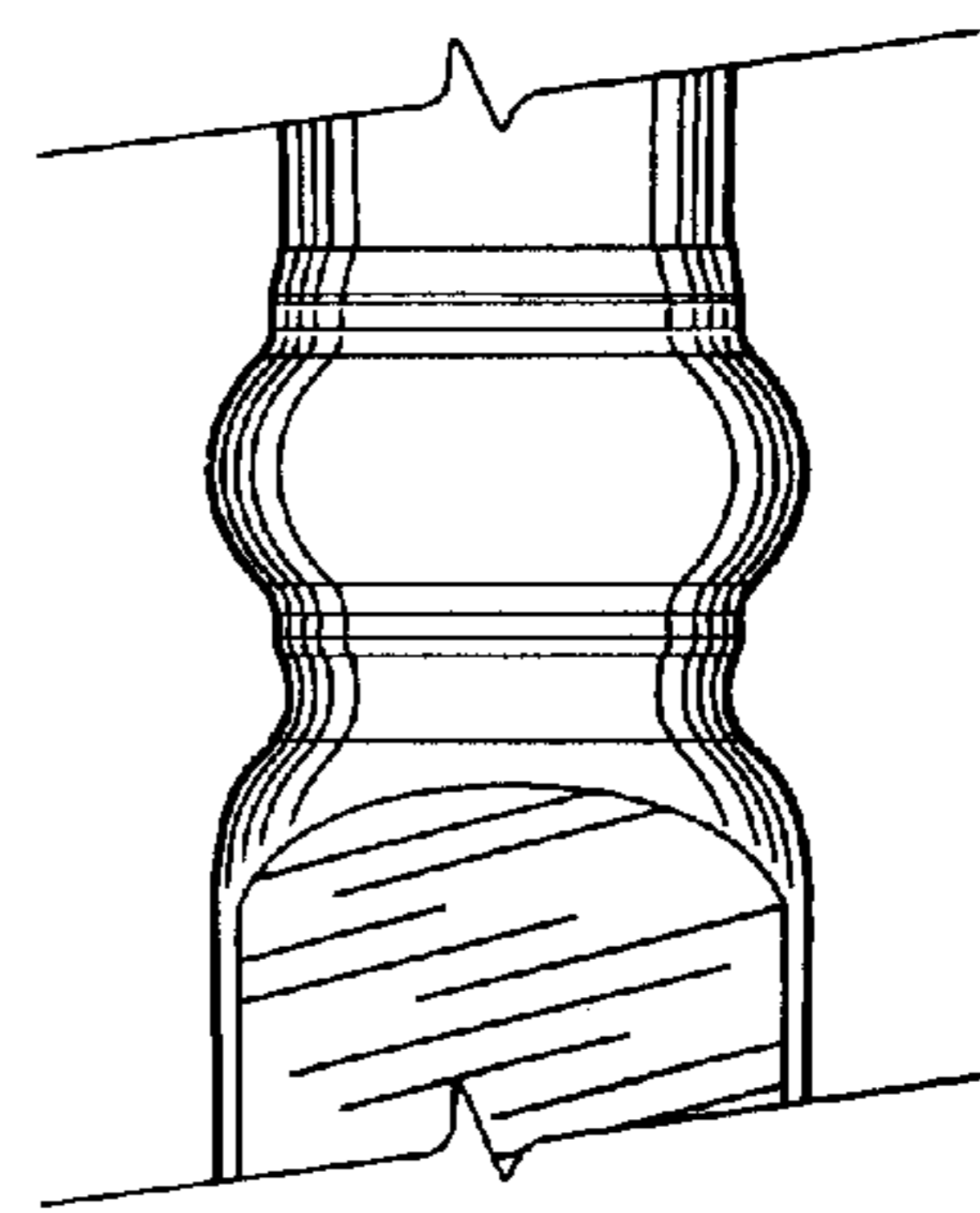


FIG. 4