



US00D410178S

United States Patent [19] Clayson

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[45] **Date of Patent: ** May 25, 1999**

[54] **HINGE PIN EXTRACTOR**

[75] Inventor: **Stephen Clayson**, 104 Bassett Blvd.,
Whitby, Ontario, Canada, L1N 8X3

[73] Assignees: **Stephen Clayson; Diana Clayson**, both
of Whitby, Canada

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

[21] Appl. No.: **29/082,567**

[22] Filed: **Jan. 26, 1998**

[51] **LOC (6) Cl.** **08-05**

[52] **U.S. Cl.** **D8/16; D8/89**

[58] **Field of Search** D8/89, 88, 15-20;
7/138, 170, 128, 166, 167; 81/177.4, 177.6,
125; 254/25; 29/244-281

[56] **References Cited**

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Primary Examiner—Jeffrey Asch
Attorney, Agent, or Firm—Schmeiser, Olsen & Watts

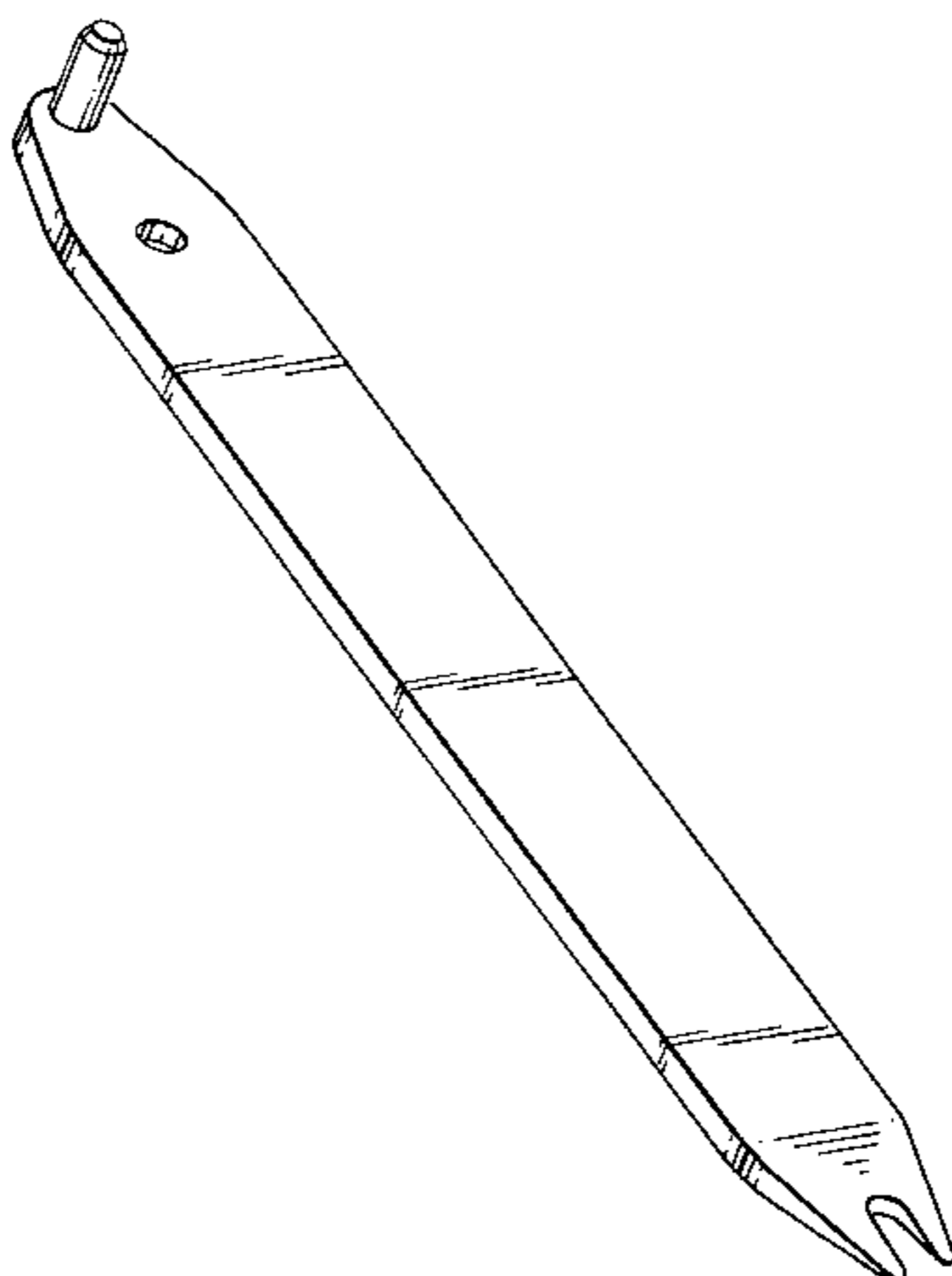
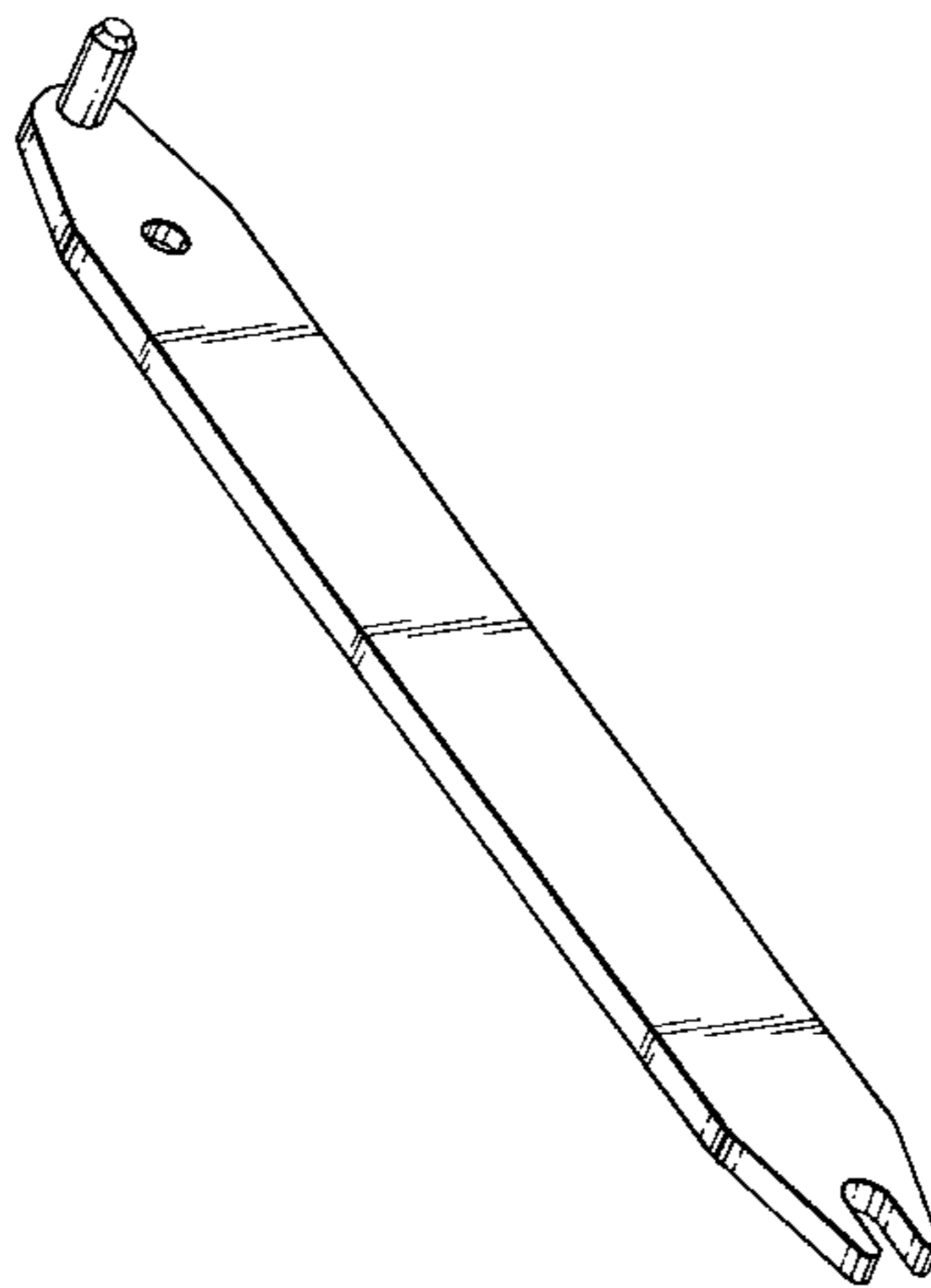
[57] **CLAIM**

The ornamental design for a hinge pin extractor, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of the hinge pin extractor;
 FIG. 2 is a rear view of the embodiment of FIG. 1;
 FIG. 3 is a front view of the embodiment of FIG. 1;
 FIG. 4 is a side view of the embodiment of FIG. 1;
 FIG. 5 is a plan view of the embodiment of FIG. 1;
 FIG. 6 is a bottom view of the embodiment of FIG. 1;
 FIG. 7 is a perspective view of a second embodiment of the hinge pin extractor;
 FIG. 8 is a rear view of the embodiment of FIG. 7;
 FIG. 9 is a front view of the embodiment of FIG. 7;
 FIG. 10 is a side view of the embodiment of FIG. 7;
 FIG. 11 is a plan view of the embodiment of FIG. 7; and,
 FIG. 12 is a bottom view of the embodiment of FIG. 7.

1 Claim, 4 Drawing Sheets



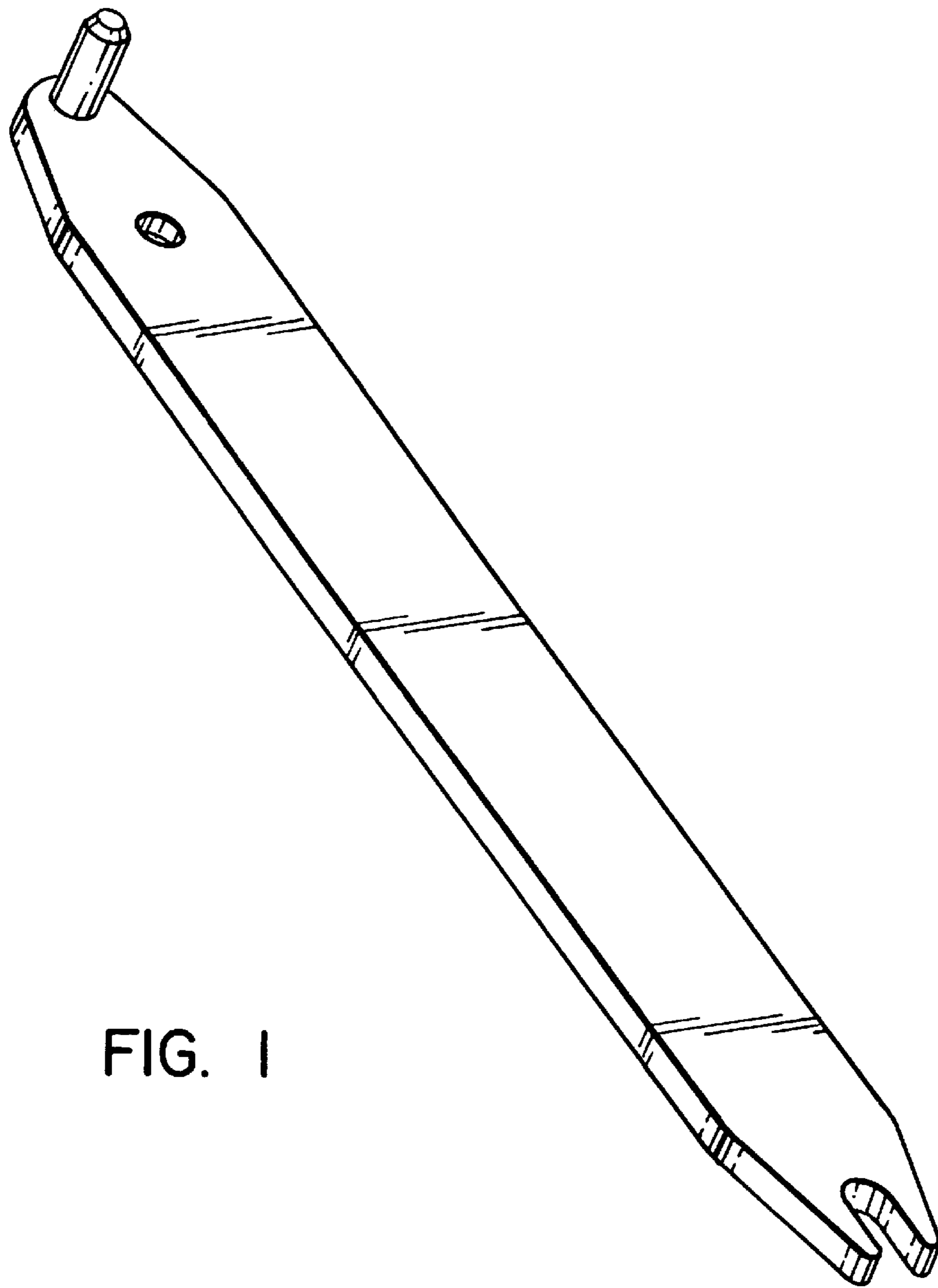


FIG. 1

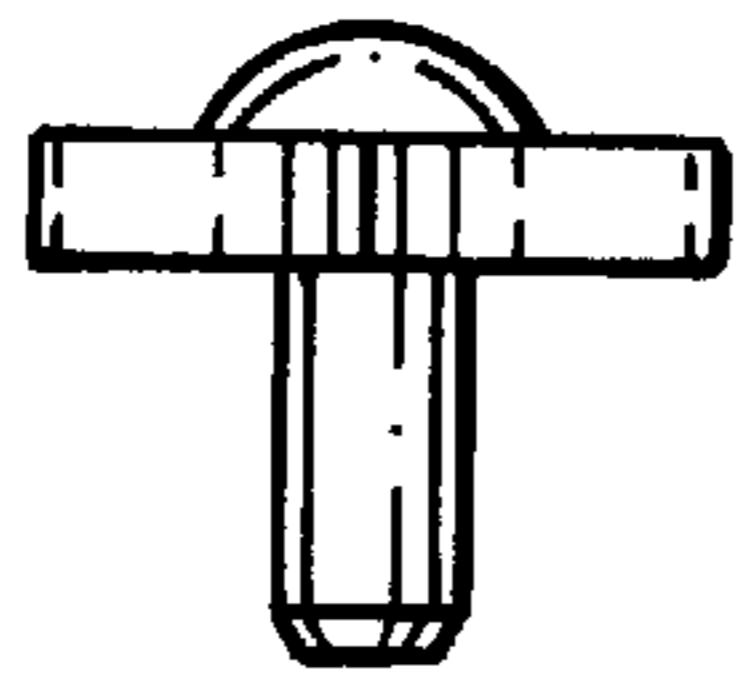


FIG. 2

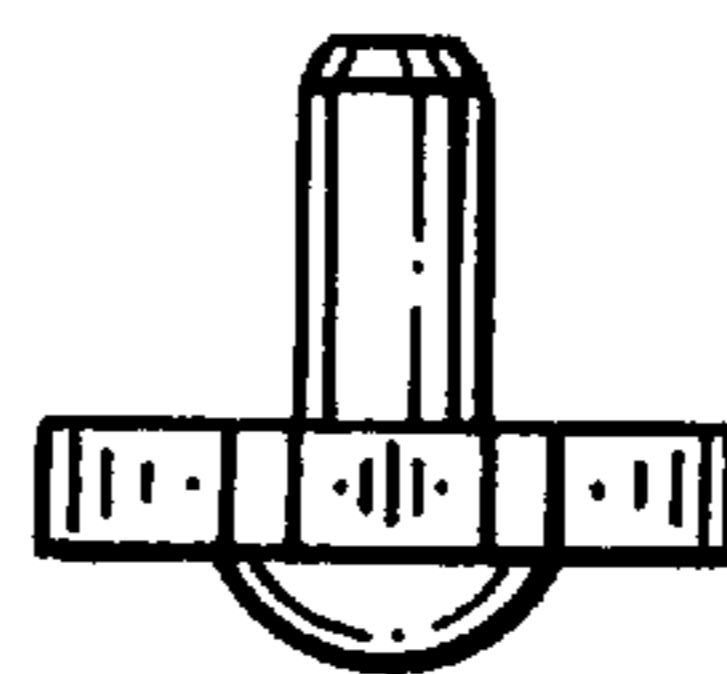


FIG. 3

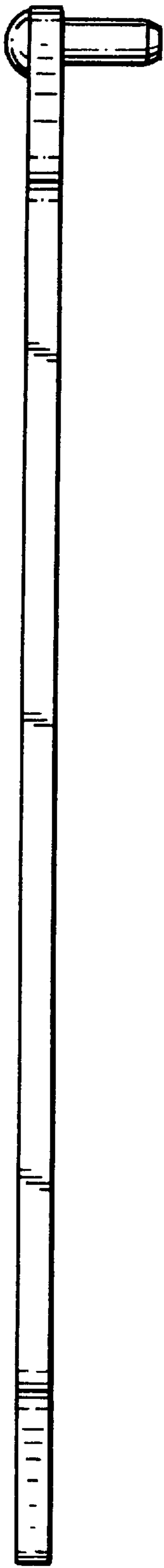


FIG. 4

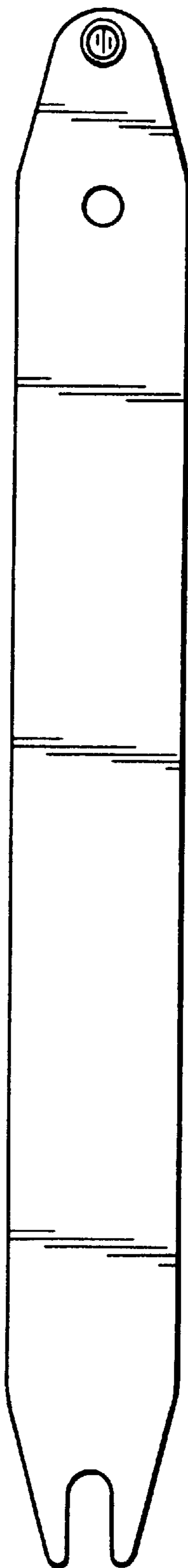


FIG. 5

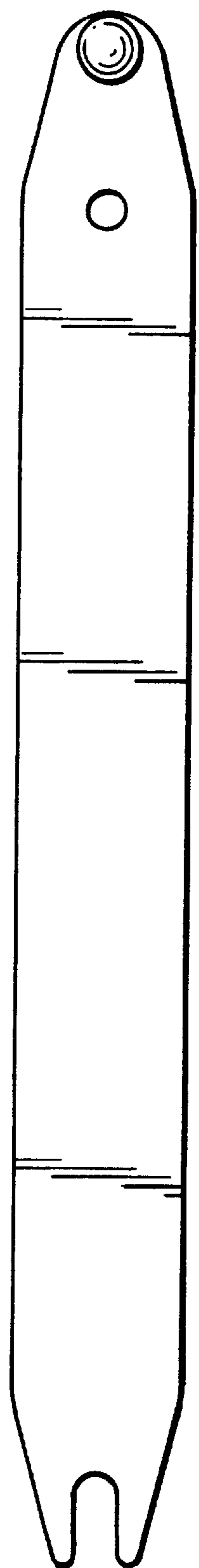


FIG. 6

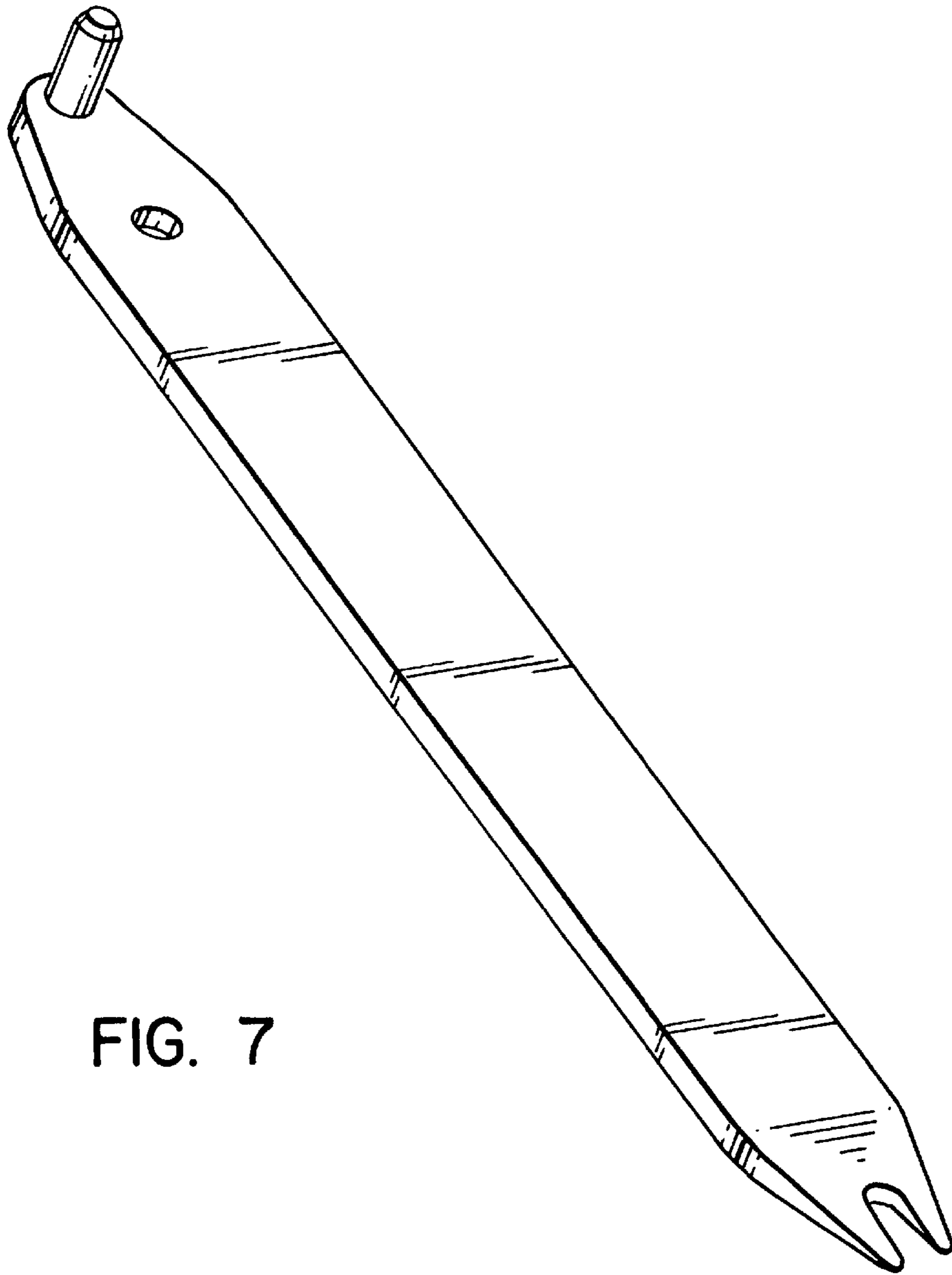


FIG. 7

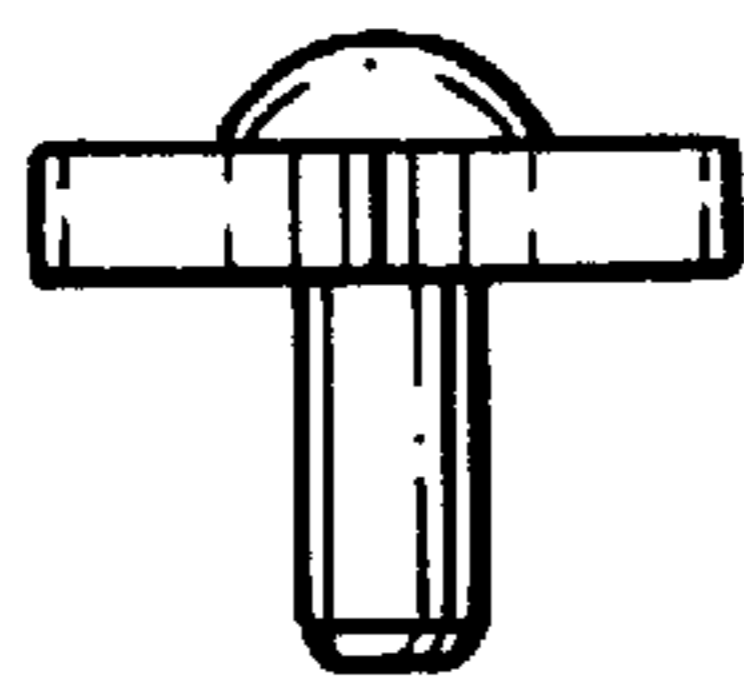


FIG. 8

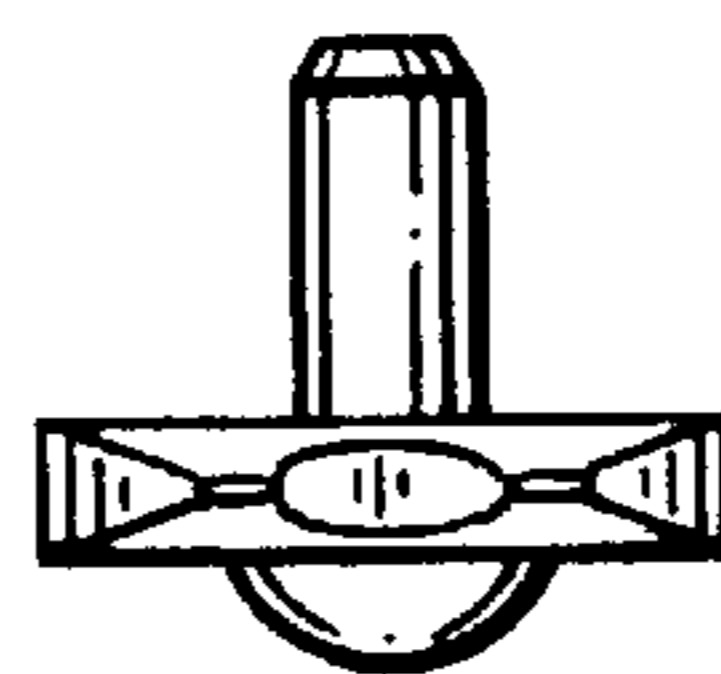


FIG. 9

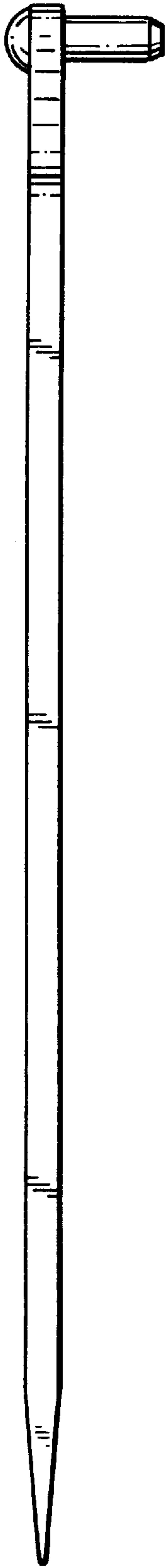


FIG. 10

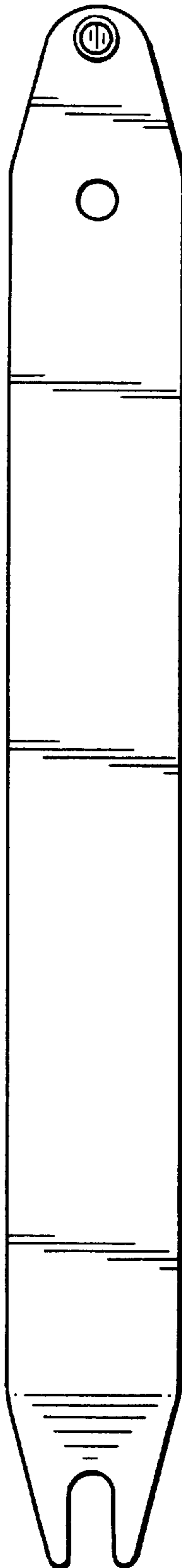


FIG. 11

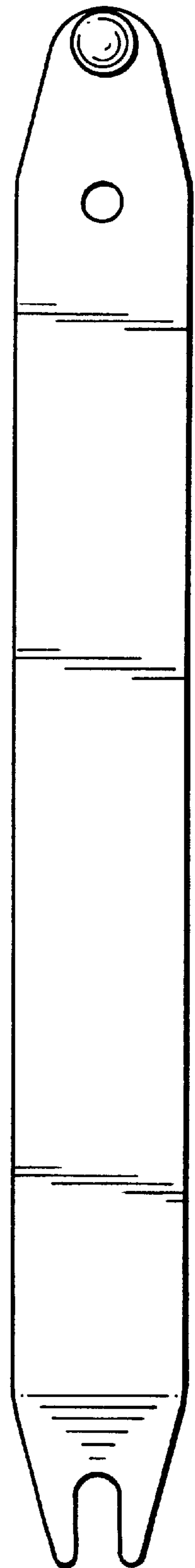


FIG. 12