



US00D406031S

United States Patent [19]
Toshima

[11] **Patent Number: Des. 406,031**
[45] **Date of Patent: **Feb. 23, 1999**

[54] **SLIP JOINT PLIERS**

DESCRIPTION

[75] Inventor: **John Jungo Toshima**, Baldwin Park, Calif.
[73] Assignee: **American Kal Enterprises, Inc.**, Baldwin Park, Calif.
[**] Term: **14 Years**
[21] Appl. No.: **75,943**
[22] Filed: **Aug. 28, 1997**
[51] **LOC (6) Cl.** **08-05**
[52] **U.S. Cl.** **D8/52**
[58] **Field of Search** D8/51, 52, 55, D8/58, 105; 7/106, 107, 117, 127, 125, 130, 128, 126, 133; 81/424, 426, 440, 427.5; 140/117, 118, 121, 139; 30/91.2, 153, 162, 124, 254; 74/127; 452/6

FIG. 1 is a right side elevational view of the slip joint pliers showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a right side elevational view of a second embodiment thereof;
FIG. 8 is a front elevational view thereof;
FIG. 9 is a left side elevational view thereof;
FIG. 10 is a rear elevational view thereof;
FIG. 11 is a top plan view thereof;
FIG. 12 is a bottom plan view thereof;
FIG. 13 is a right side elevational view of a third embodiment thereof;
FIG. 14 is a front elevational view thereof;
FIG. 15 is a left side elevational view thereof;
FIG. 16 is a rear elevational view thereof;
FIG. 17 is a top plan view thereof;
FIG. 18 is a bottom plan view thereof;
FIG. 19 is a right side elevational view of a fourth embodiment thereof;
FIG. 20 is a front elevational view thereof;
FIG. 21 is a left side elevational view thereof;
FIG. 22 is a rear elevational view thereof;
FIG. 23 is a top plan view thereof; and,
FIG. 24 is a bottom plan view thereof.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 362,607	9/1995	Fisher	.....	D8/52
D. 380,656	7/1997	Eggert et al.	.....	D8/52
D. 381,569	7/1997	Brantley	.....	D8/52
2,848,724	8/1958	Wendt	.....	7/107
5,108,343	4/1992	Gilliam	.....	452/6

Primary Examiner—Freda Nunn
Attorney, Agent, or Firm—Muramatsu & Associates

[57] **CLAIM**

The ornamental design for slip joint pliers, as shown and described.

1 Claim, 8 Drawing Sheets

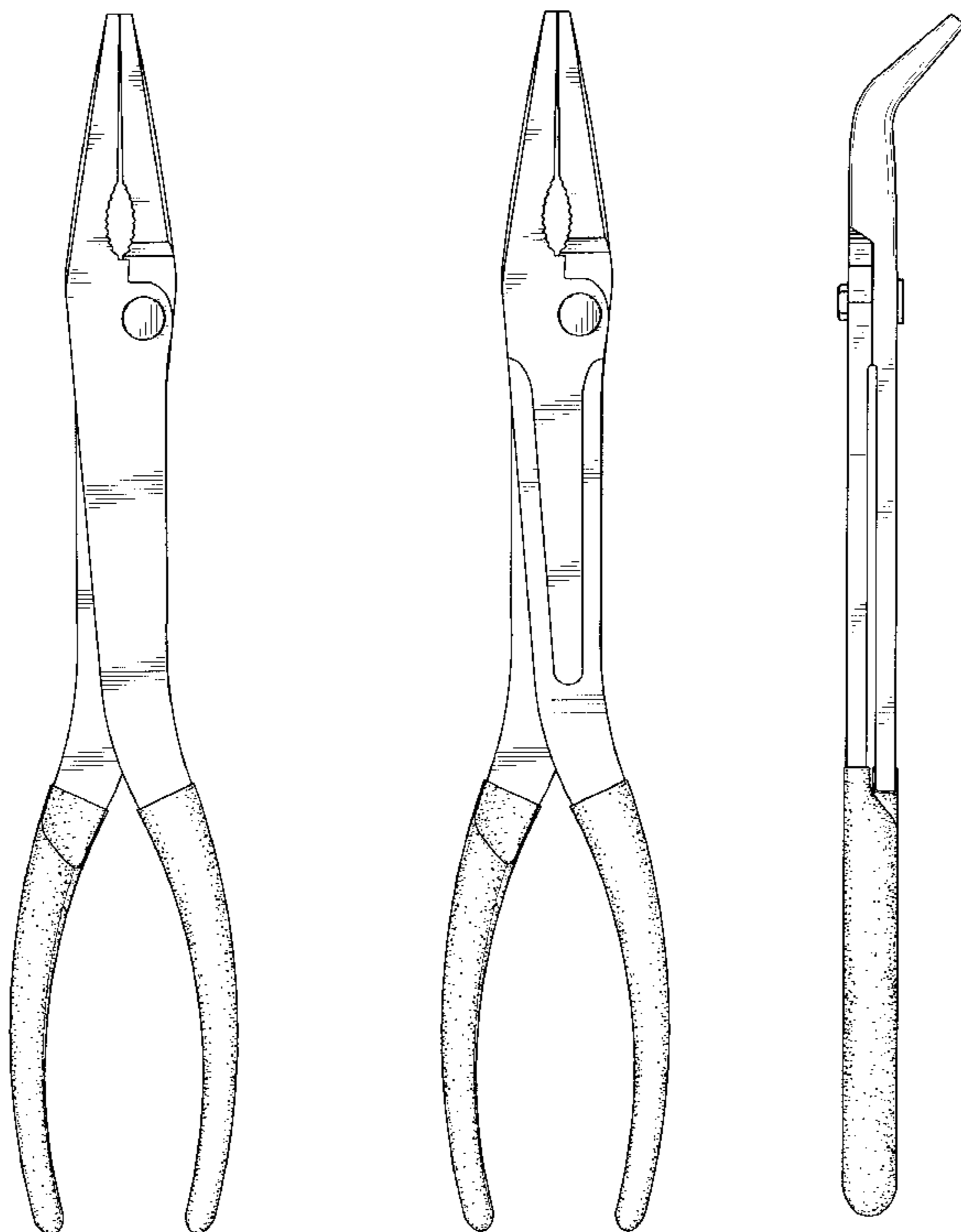


Fig. 1

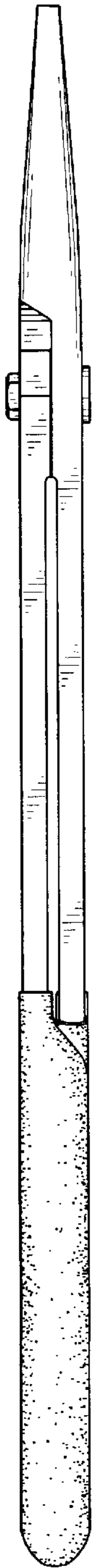


Fig. 2

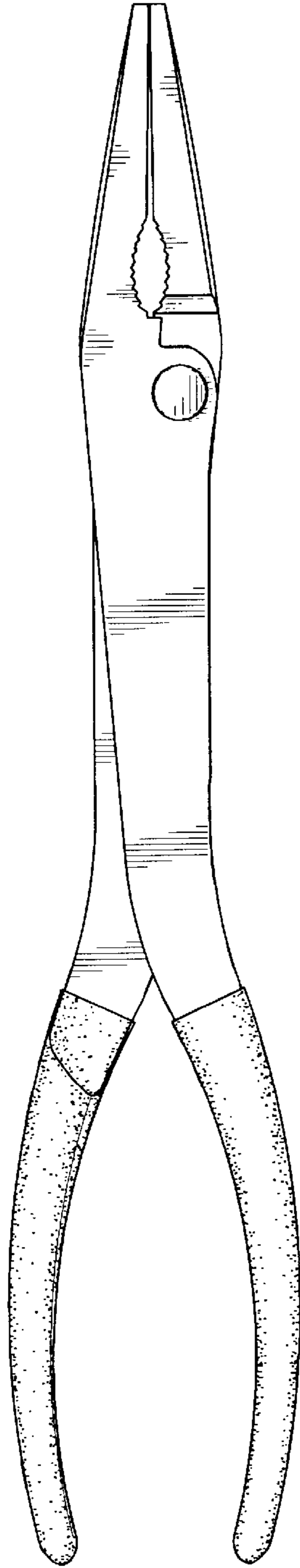


Fig. 3

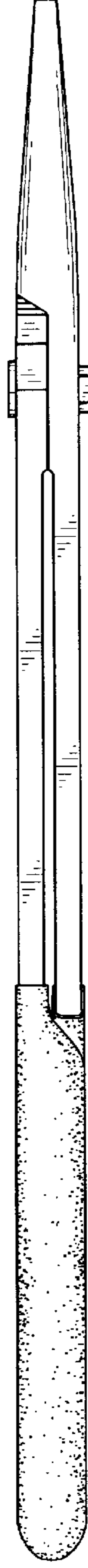


Fig. 4

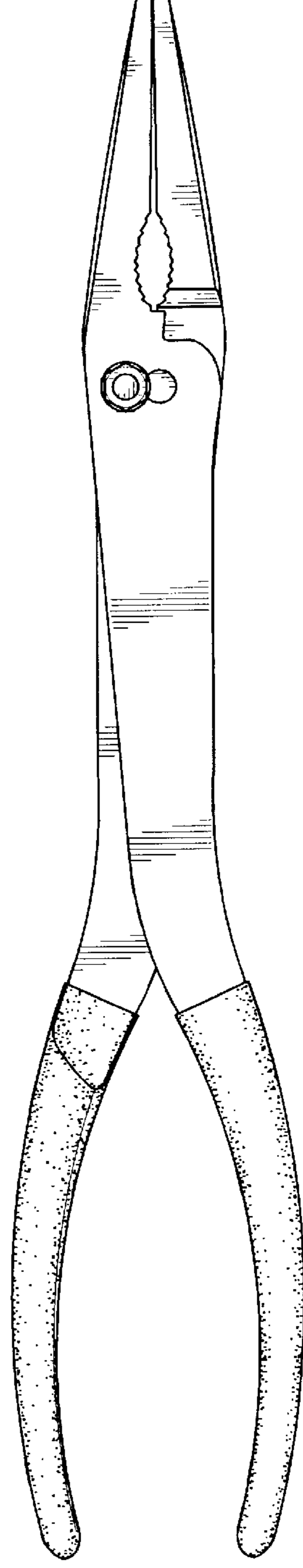


Fig. 5

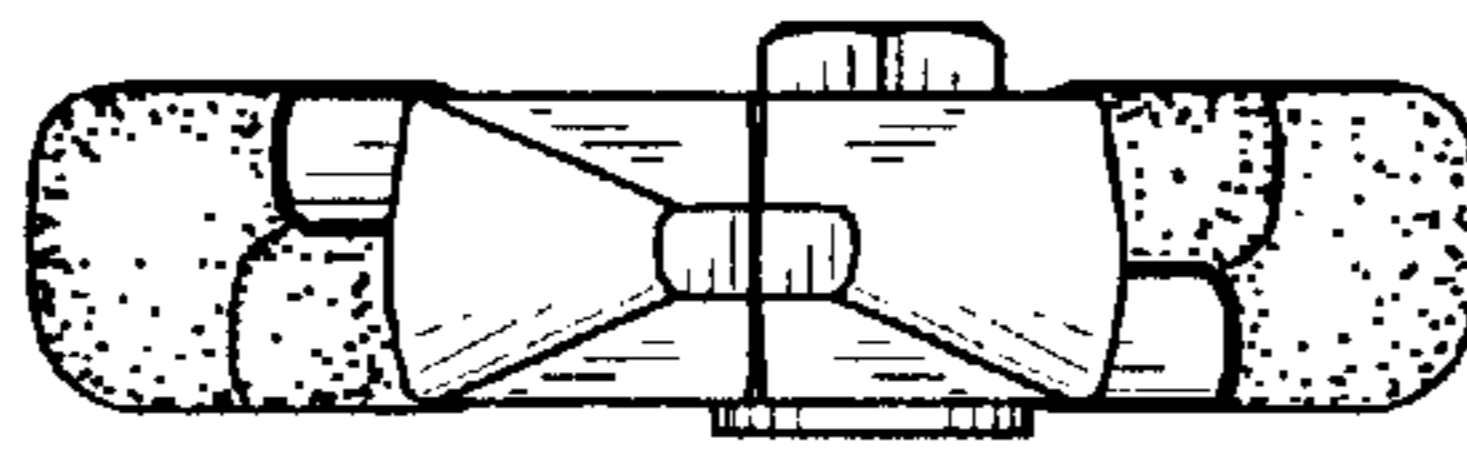


Fig. 6

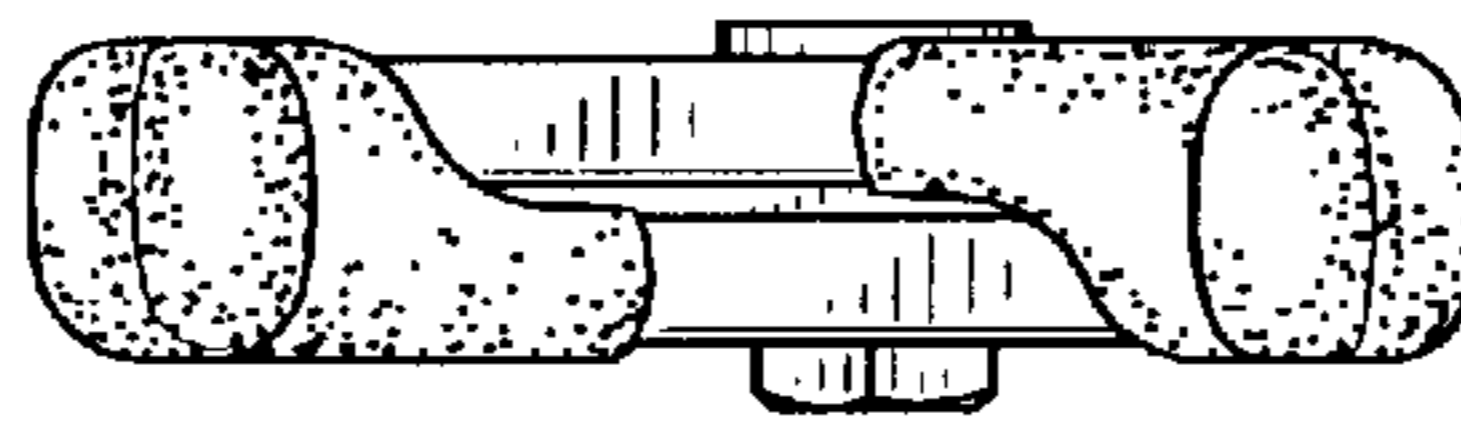


Fig. 7

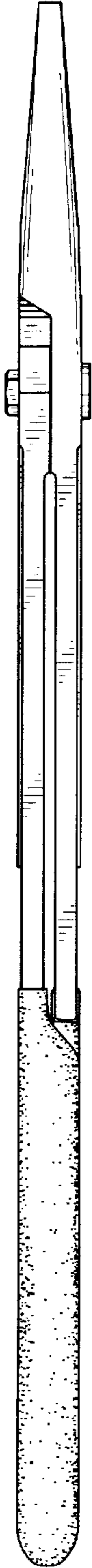


Fig. 8

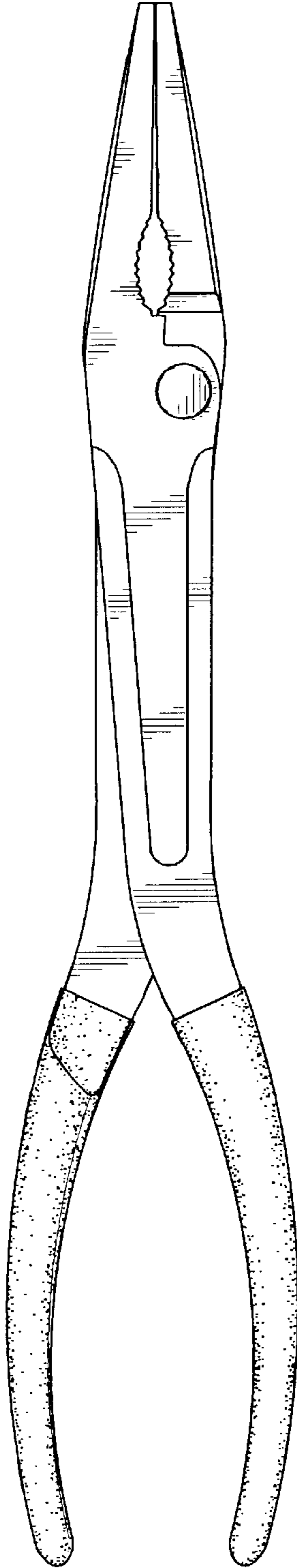


Fig. 9



Fig. 10

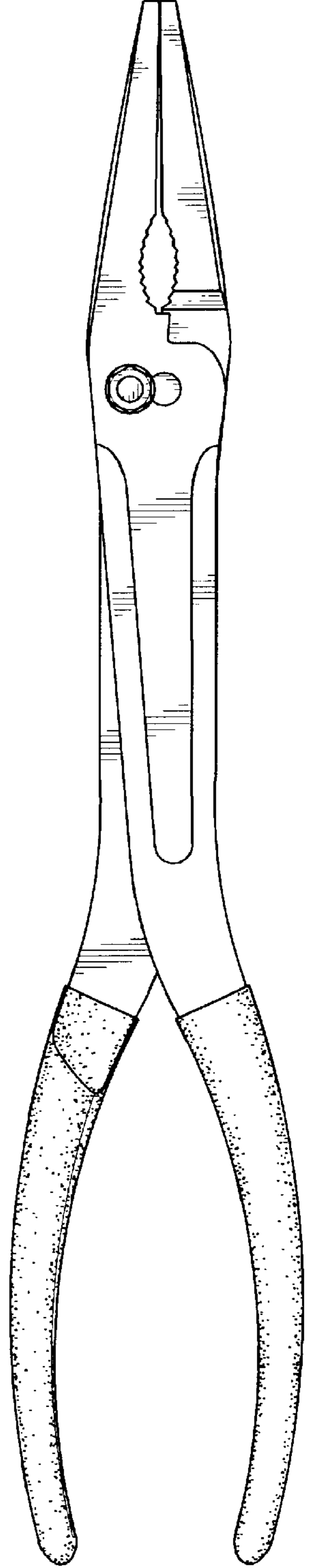


Fig. 11

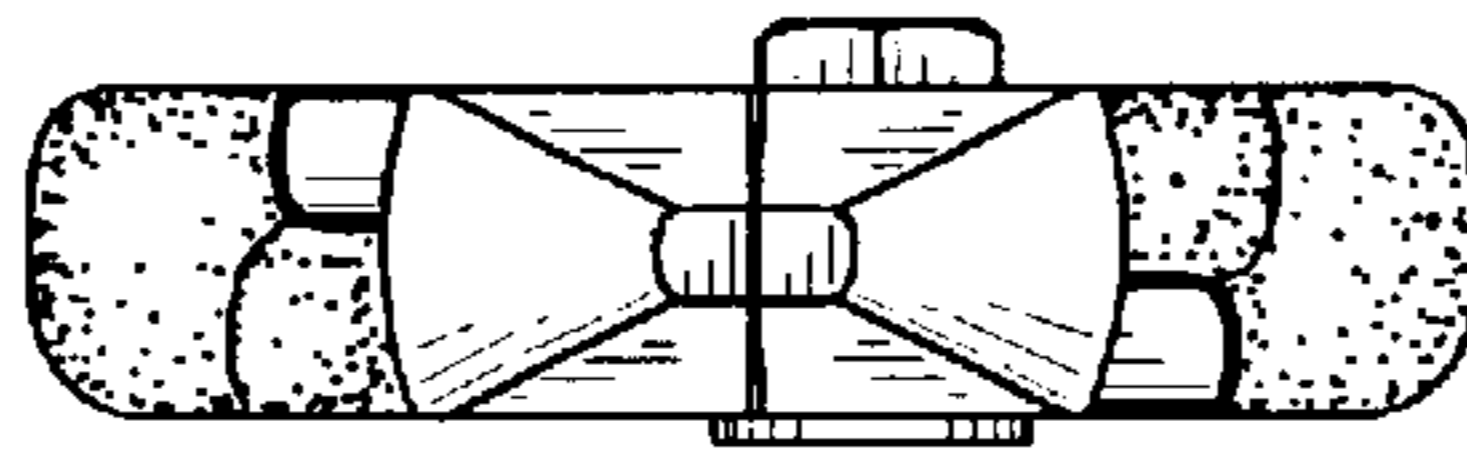


Fig. 12

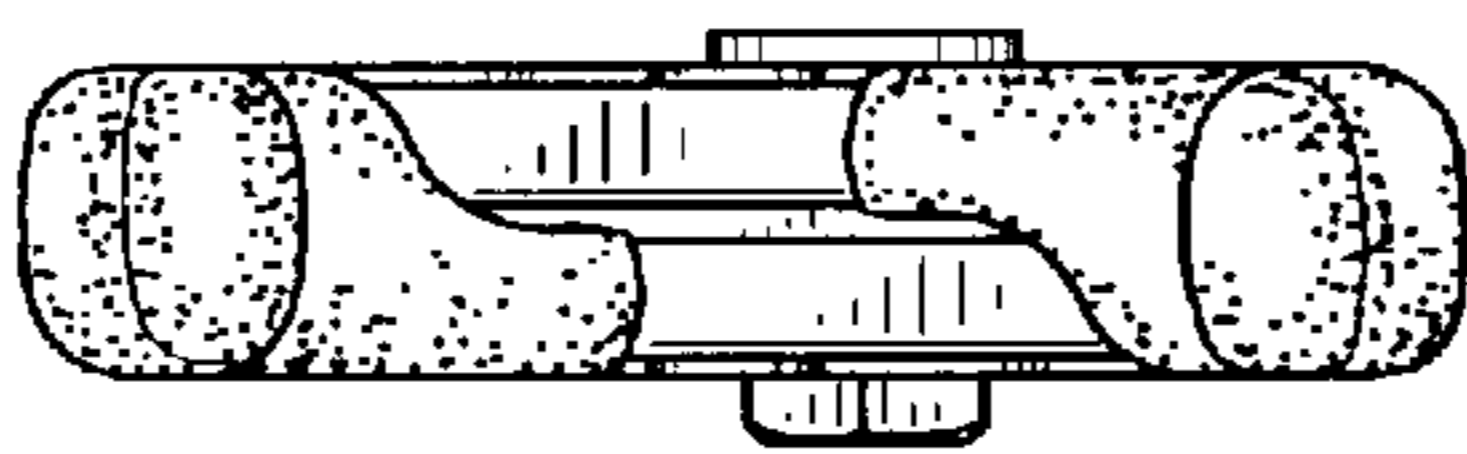


Fig. 13

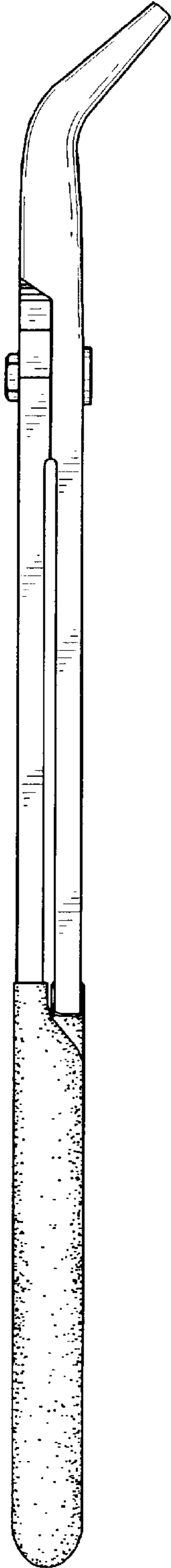


Fig. 14

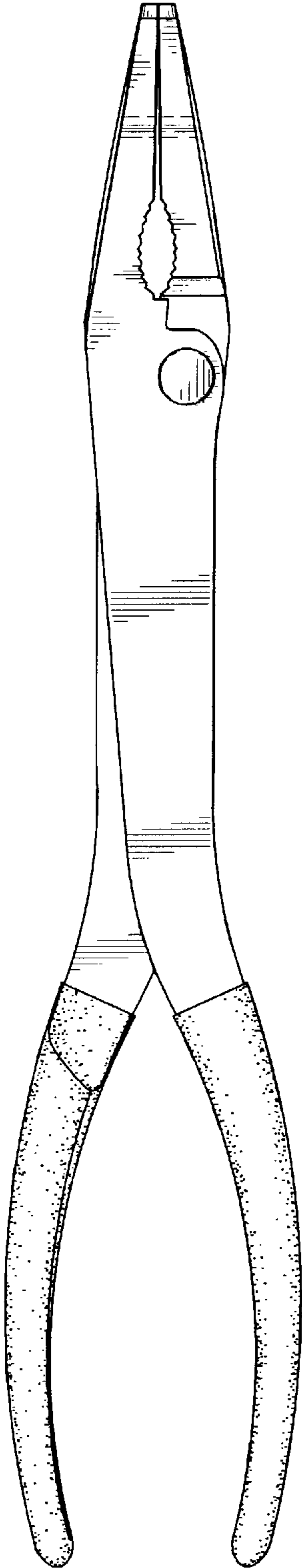


Fig. 15

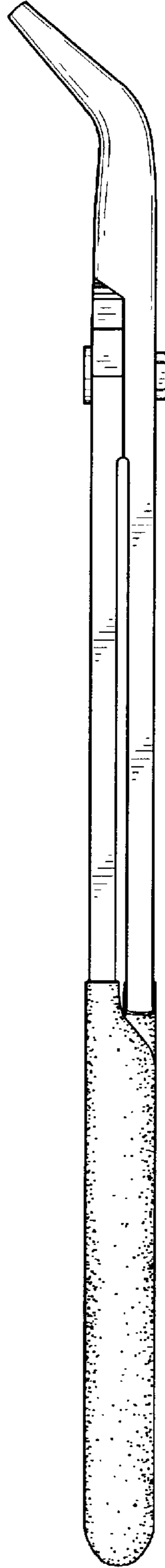


Fig. 16

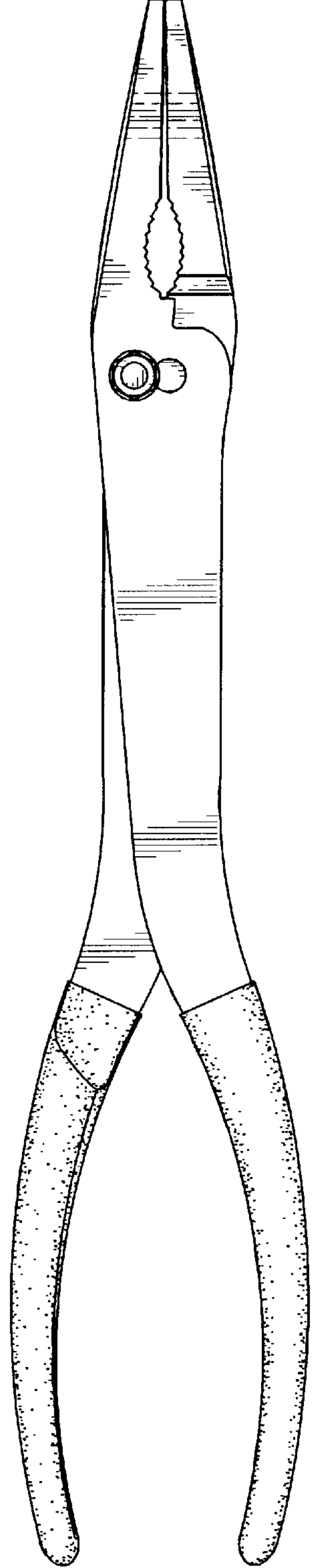


Fig. 17

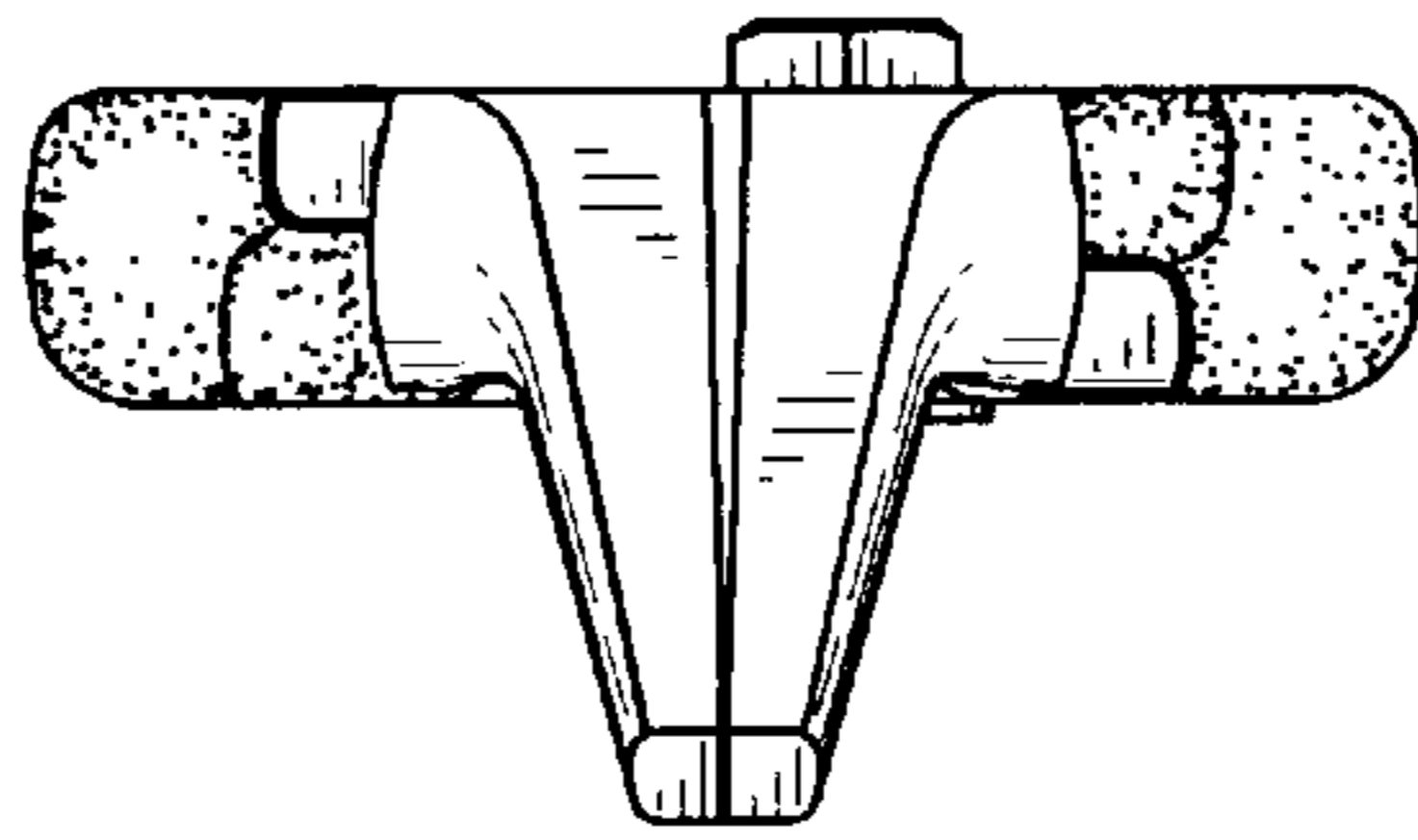


Fig. 18

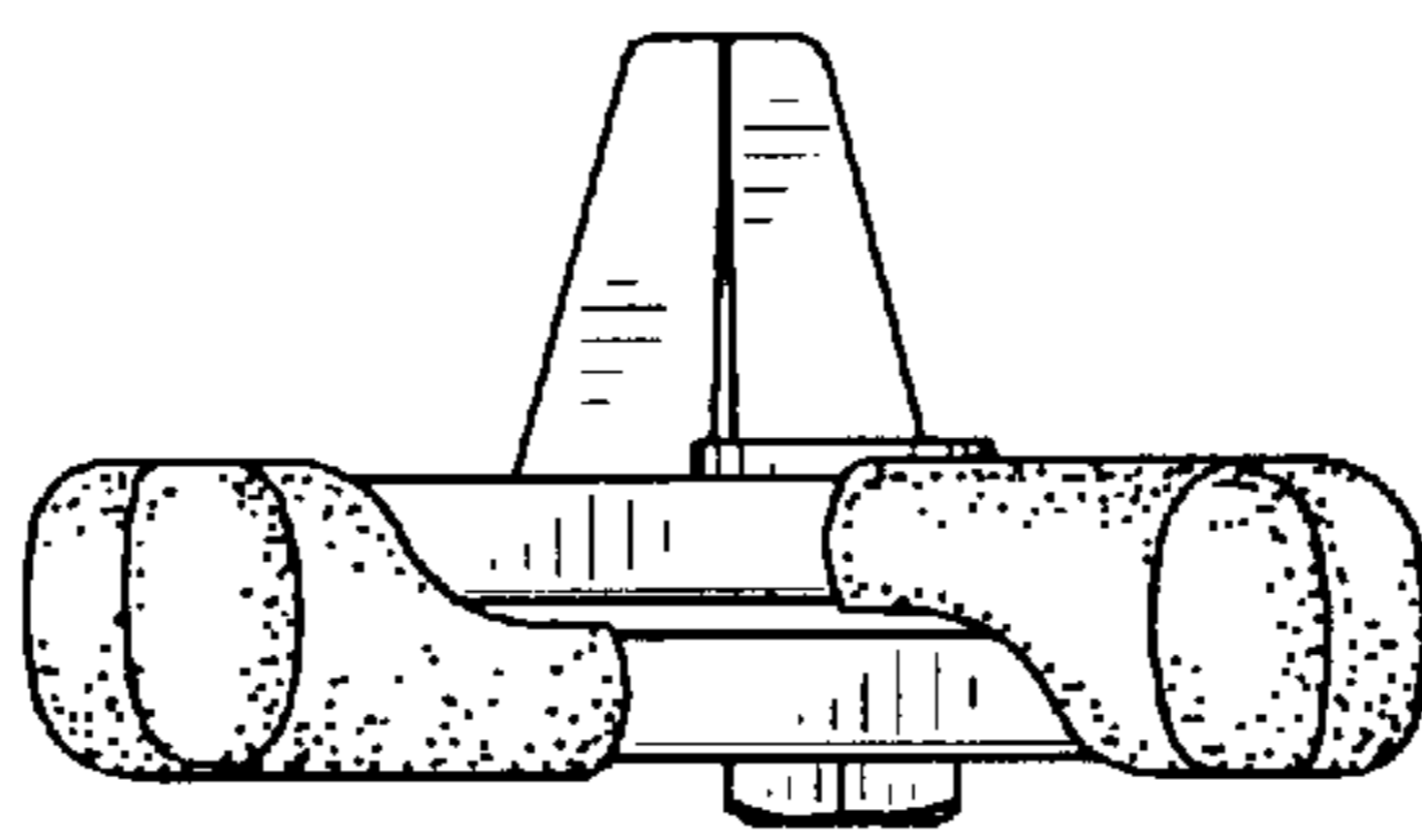


Fig. 19

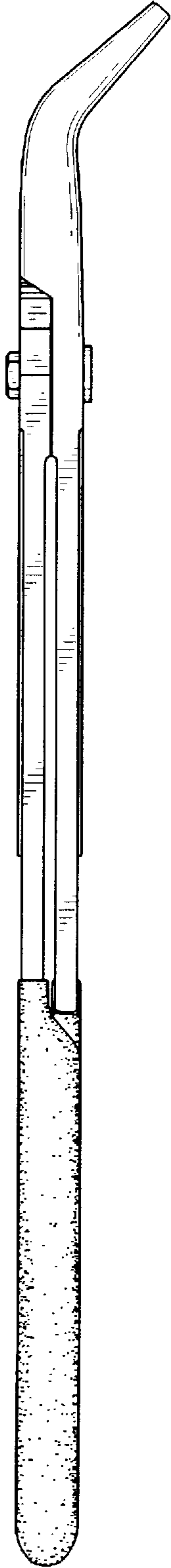


Fig. 20

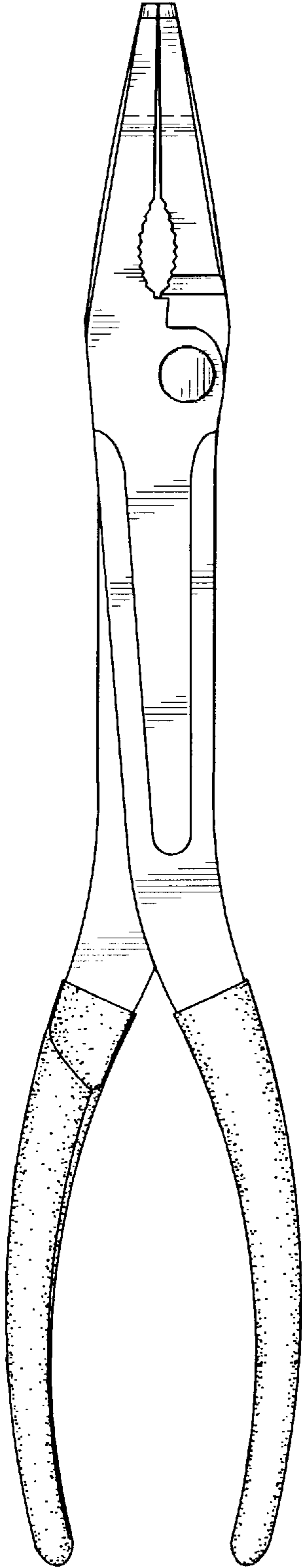


Fig. 21

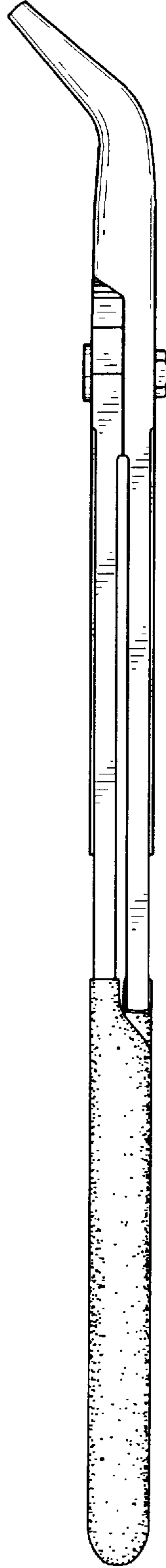


Fig. 22

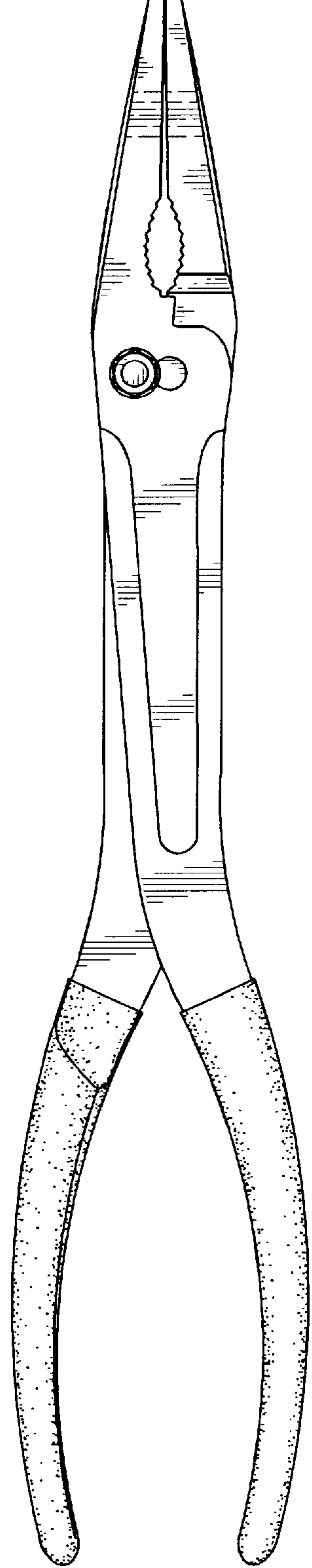


Fig. 23

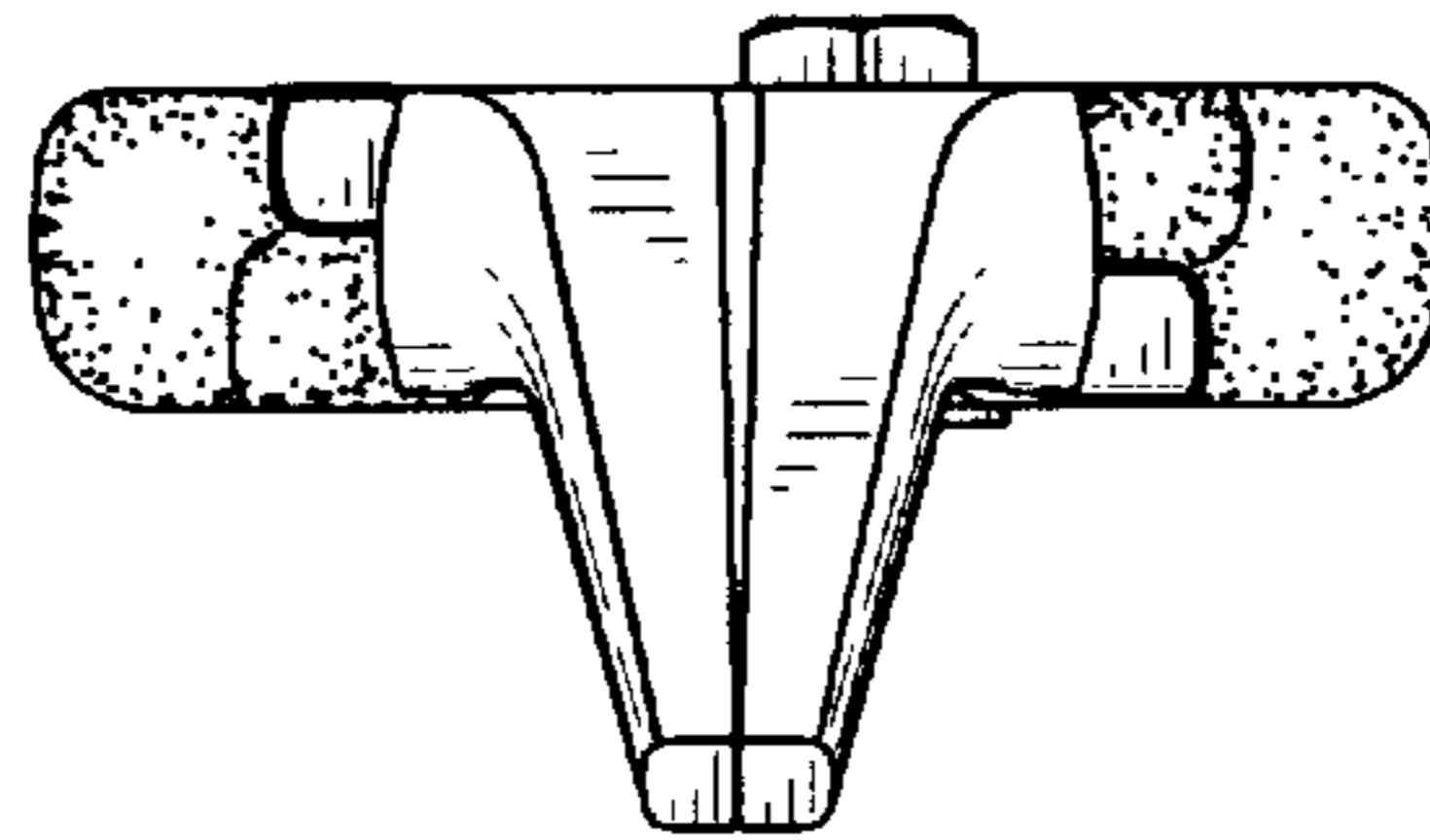


Fig. 24

