

US00D374018S

United States Patent [19]

Schemenauer et al.

Des. 374,018 Patent Number:

Schemenauer et al.	[45]	Date of Patent:	**Sep. 24, 1996
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[54] GROUND OPENER TOOL	
[75] Inventors: Ricky Schemenauer; Linus Yeager; Ian Martin, all of St. Brieux, Canada	1118.4
[73] Assignee: F. P. Bourgault Tillage Tools Ltd. , Brieux, Canada	St. 1528 7568 12037
[**] Term: 14 Years	Primary E. Attorney, A
[21] Appl. No.: 23,210	[57]
[22] Filed: May 19, 1994 [20] Foreign Application Deignity Date	The ornam
[30] Foreign Application Priority Data	
Nov. 26, 1993 [CA] Canada	FIG. 1 is a tool; 11; 9.5, FIG. 2 is a FIG. 3 is a
[56] References Cited	FIG. 5 is a FIG. 6 is a
U.S. PATENT DOCUMENTS	FIG. 7 is a FIG. 8 is a
104,754 6/1870 Miner . 139,750 6/1873 Zocher . 147,633 2/1874 Haiman . 185,722 12/1876 Buhoup . D. 274,187 6/1984 Krammer	tool in a difference of FIG. 9 is a taken along taken along 5/29 tool in a difference of taken along 5/29 The broker
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108363	10/1907	Canada .
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Examiner—Holly H. Baynham Agent, or Firm—Oliff & Berridge

CLAIM

mental design for a ground opener tool, as shown.

DESCRIPTION

a forward perspective view of the ground opener

a right elevation of the ground opener tool;

a forward elevation of the ground opener tool;

a rear elevation of the ground opener tool;

a left elevation of the ground opener tool;

a top plan view of the ground opener tool;

a bottom view of the ground opener tool;

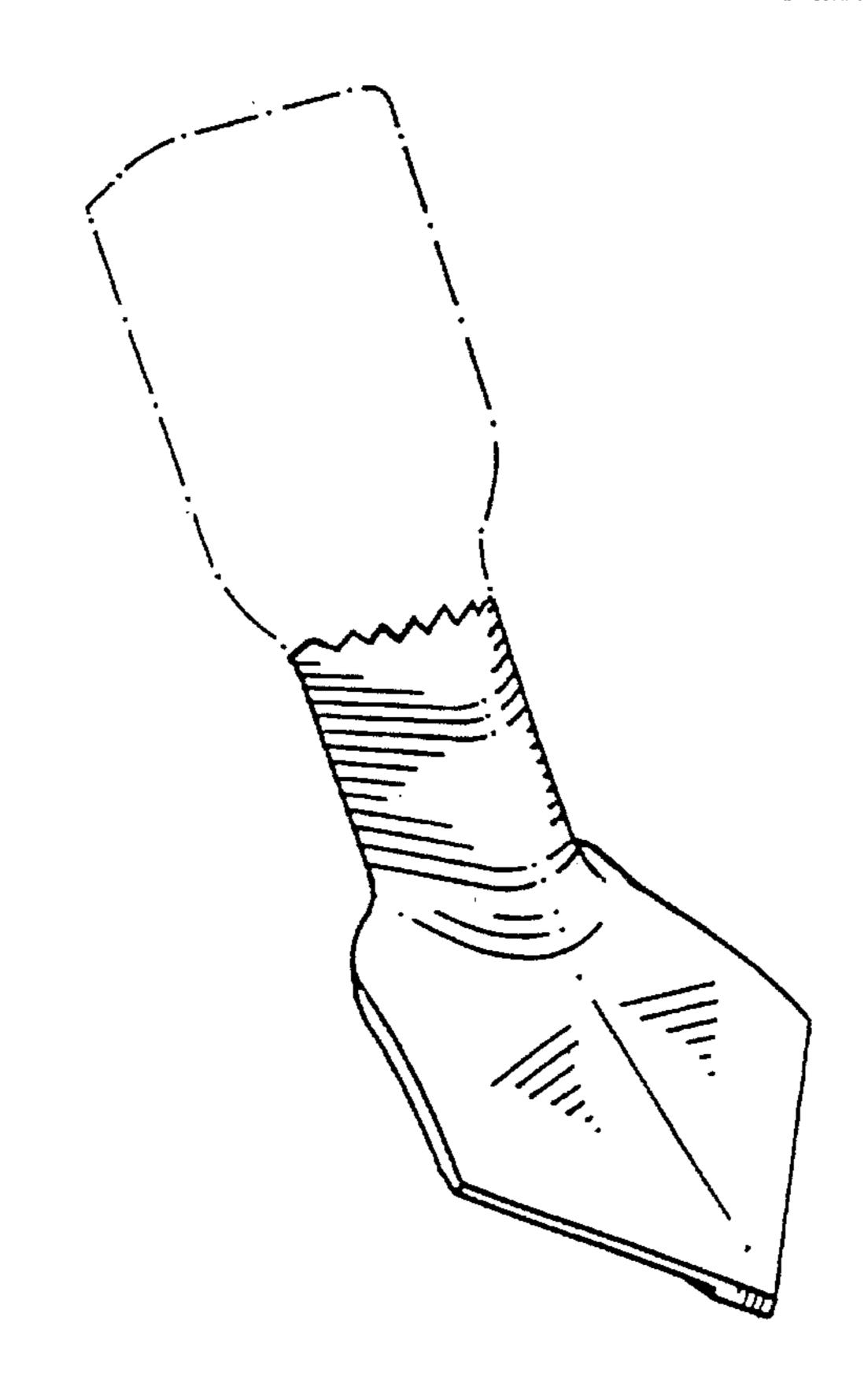
a forward perspective view of the ground opener different environment;

a cross-sectional view of the ground opener tool ng line 9-9 of FIG. 2; and,

s a cross-sectional view of the ground opener tool ng line 10—10 of FIG. 2.

en line showing the remaining portion of the tool is rative purposes only and forms no part of the lesign.

1 Claim, 5 Drawing Sheets



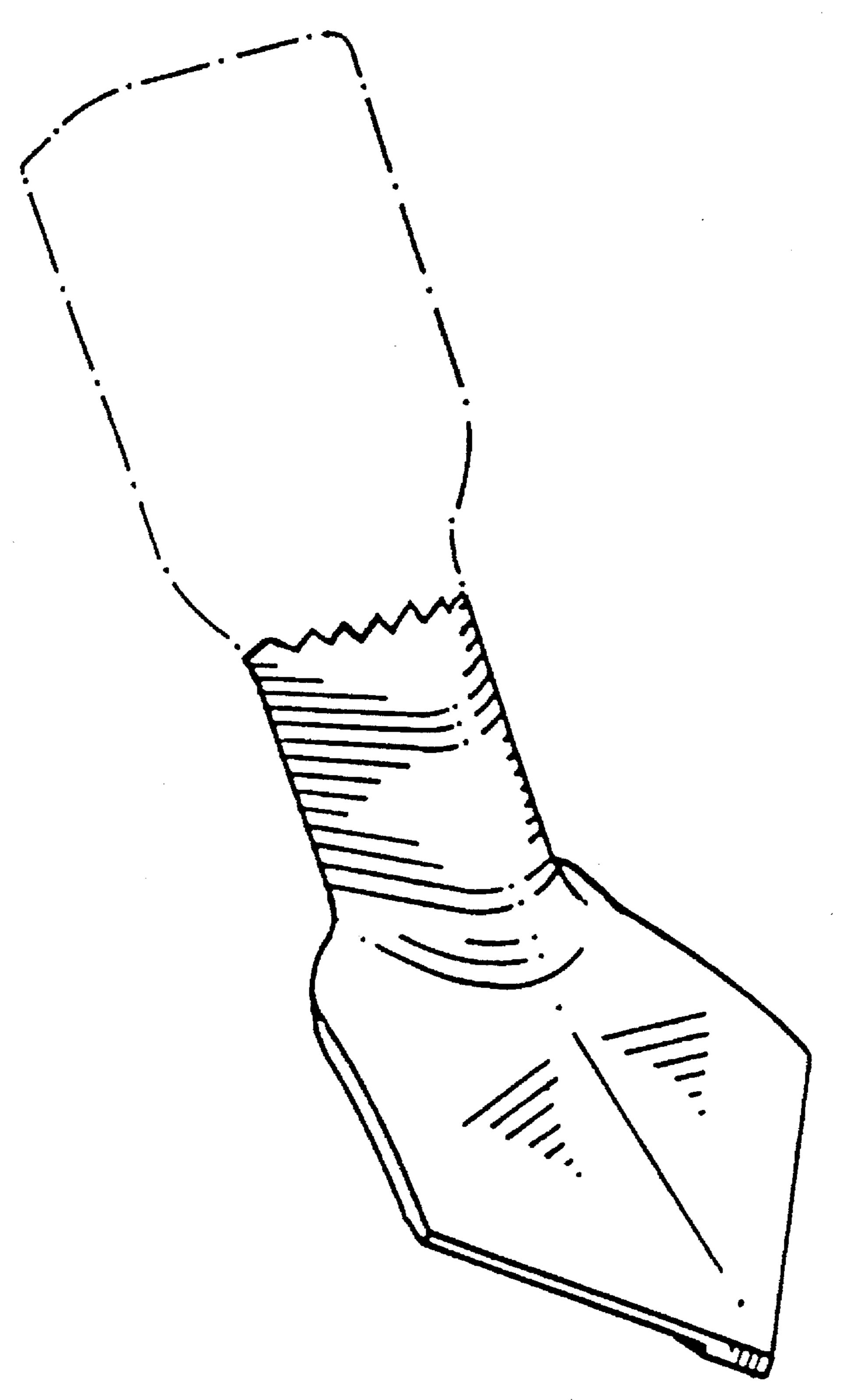
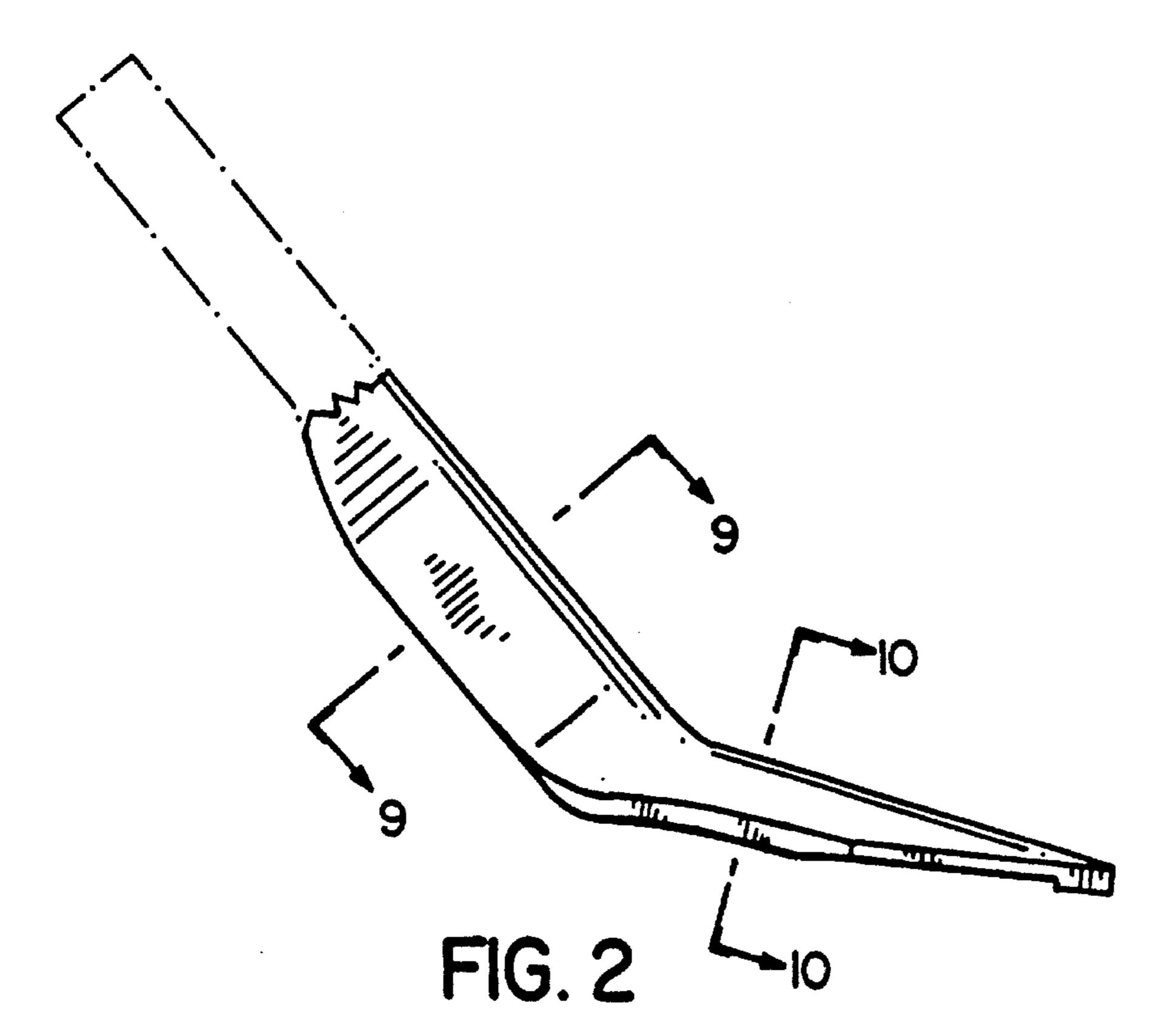
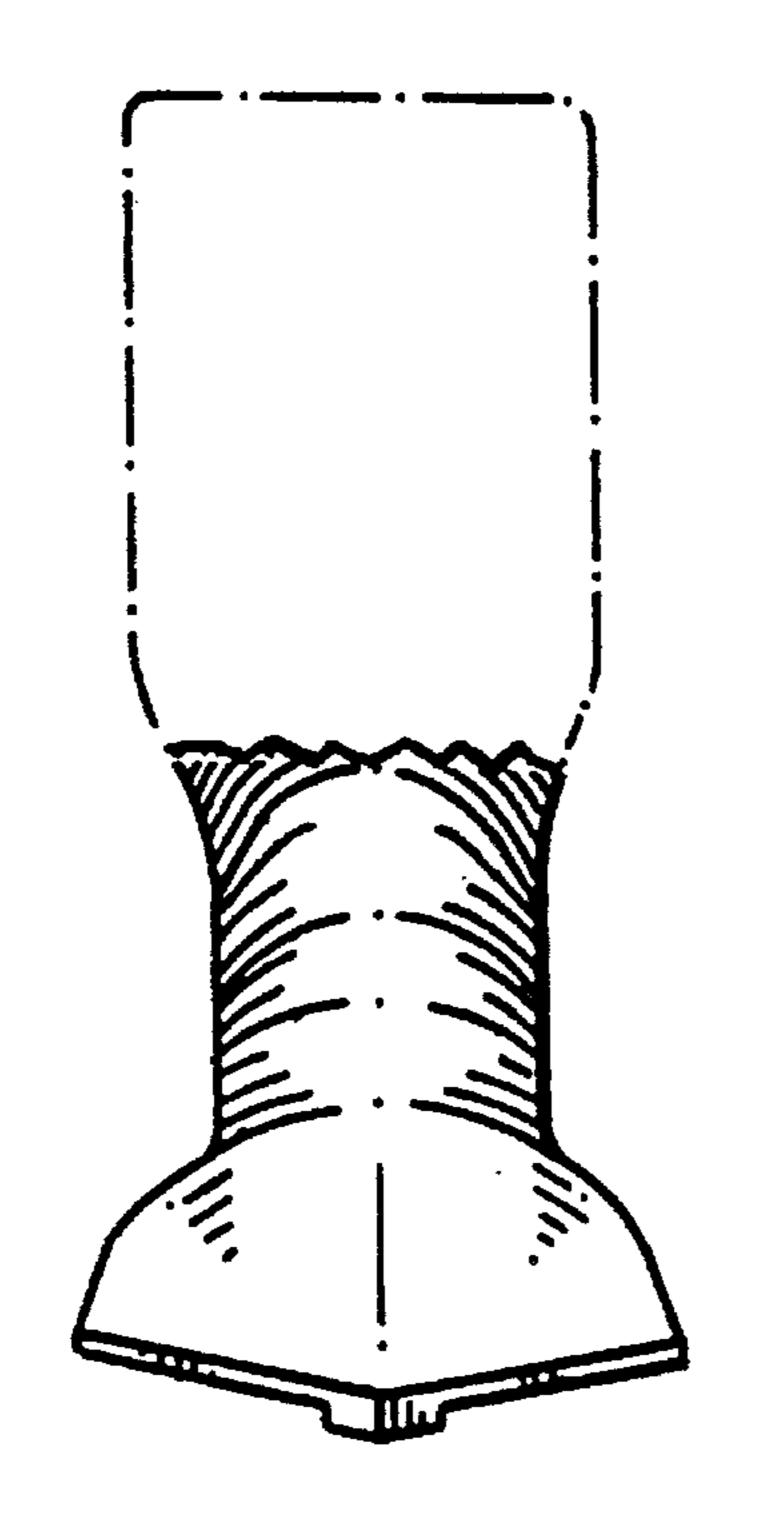


FIG.







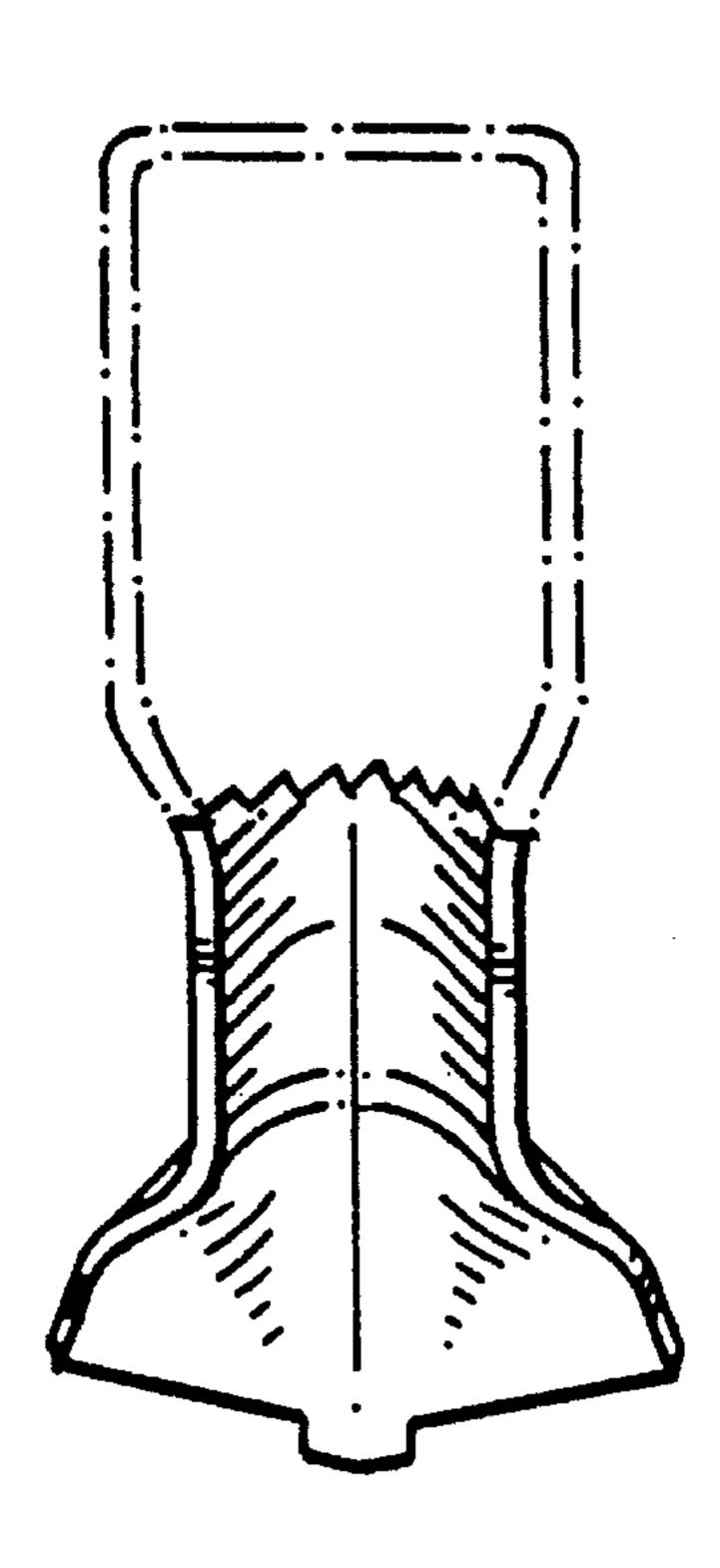


FIG. 4

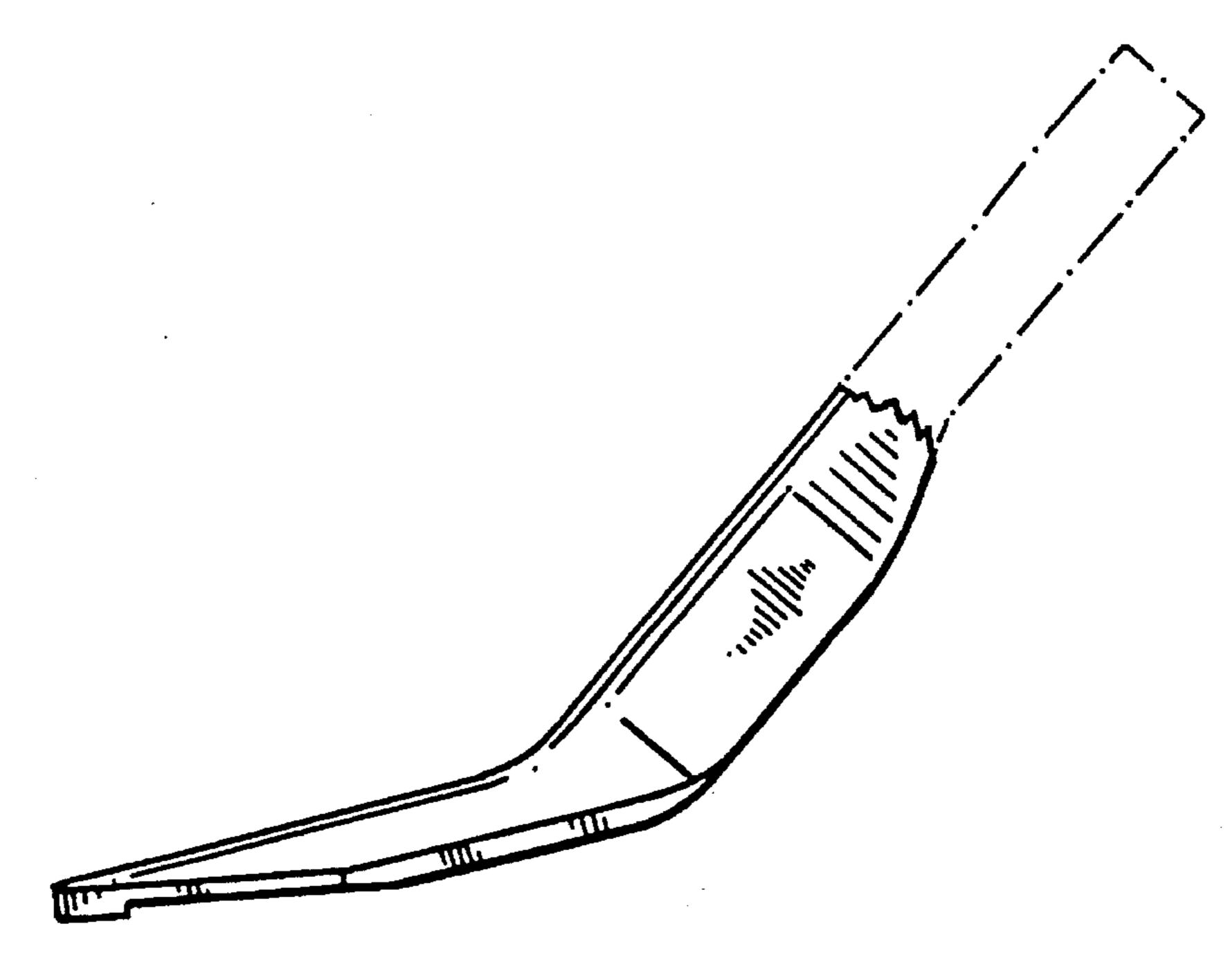
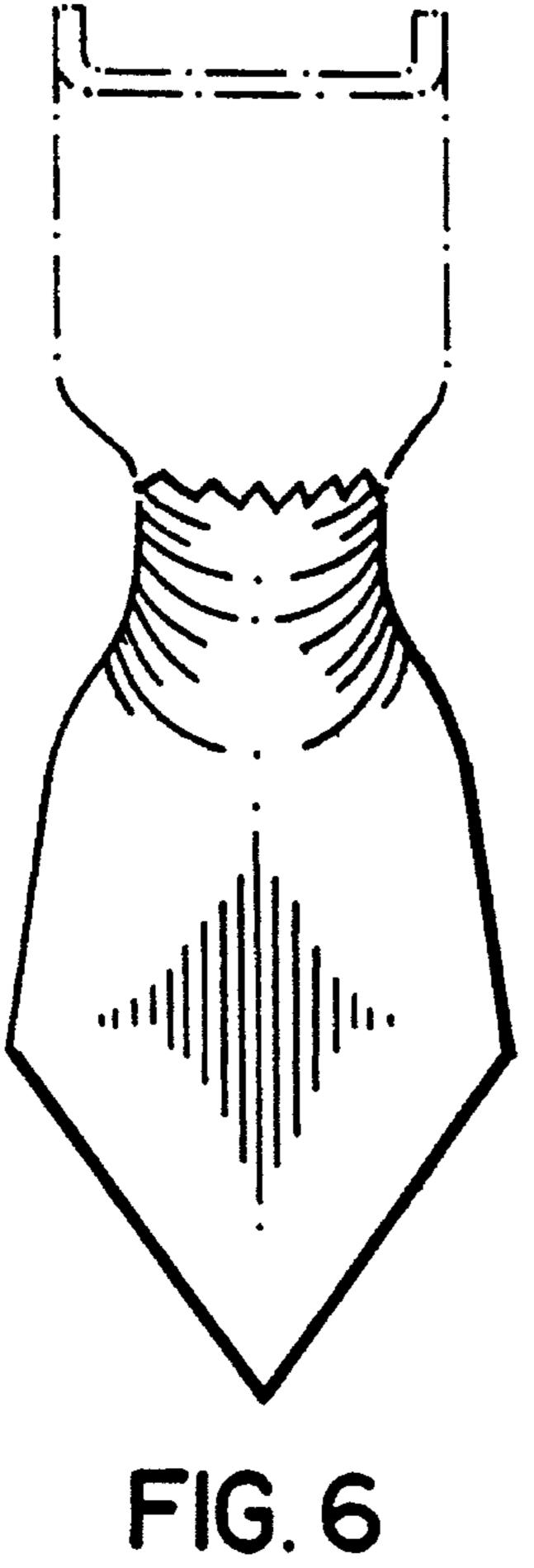


FIG. 5



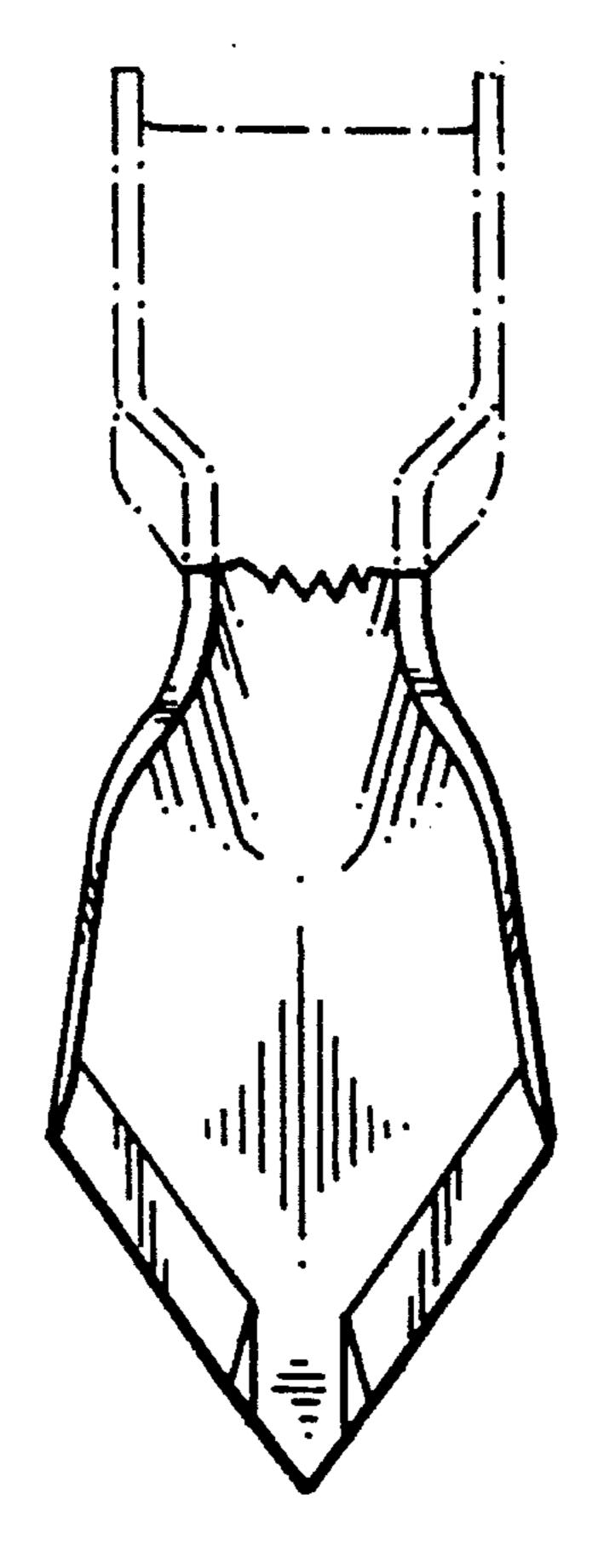


FIG. 7

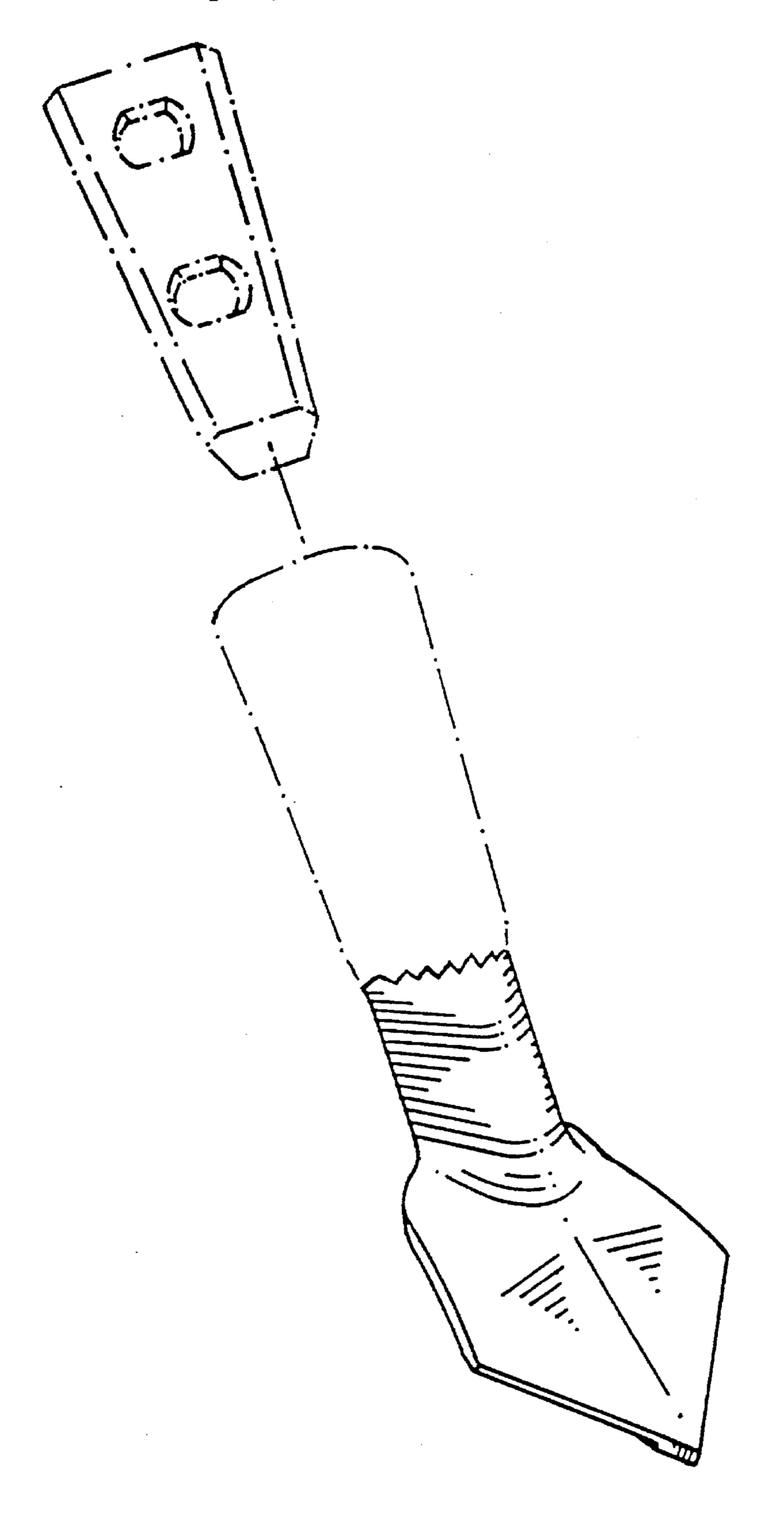
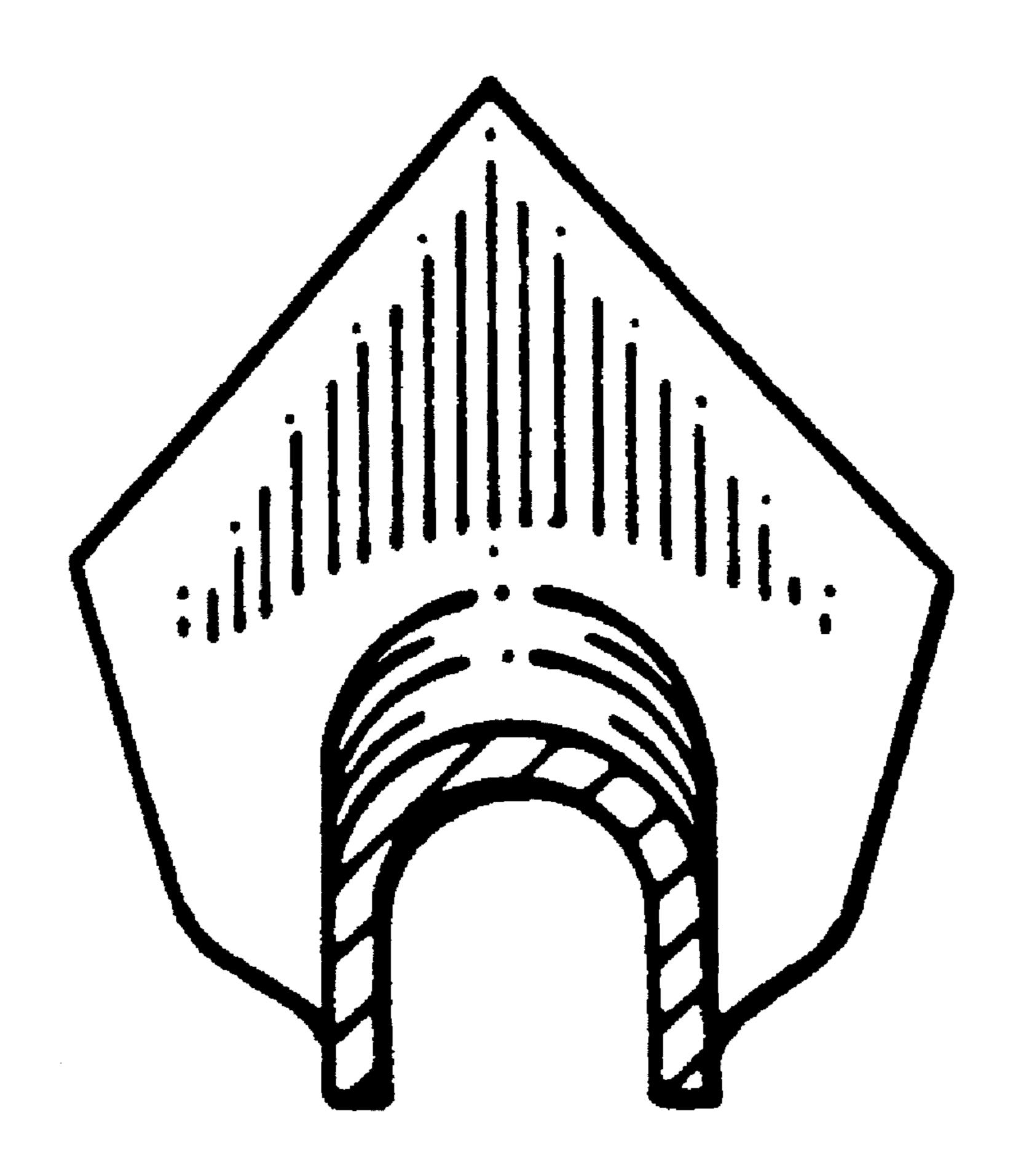


FIG. 8

U.S. Patent



F16.9



FIG. 10