



US00D376200S

# United States Patent [19]

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Lindgren et al.

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## [54] INFUSION CANNULA

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[73] Assignee: **Viggo-Spectramed AB**, Helsingborg, Sweden

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

[21] Appl. No.: **12,605**

[22] Filed: **Aug. 6, 1993**

## [30] Foreign Application Priority Data

Feb. 8, 1993	[SE]	Sweden	.....	93 1111
[52]	U.S. Cl.	.....	<b>D24/112</b>	
[58]	Field of Search	.....	D24/112, 108,	
			D24/130, 146; 604/164, 165, 168, 192,	
			162, 198, 263, 900, 158	

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*Primary Examiner*—Louis S. Zarfaz  
*Assistant Examiner*—I. Simmons  
*Attorney, Agent, or Firm*—Browdy and Neimark

## [57] CLAIM

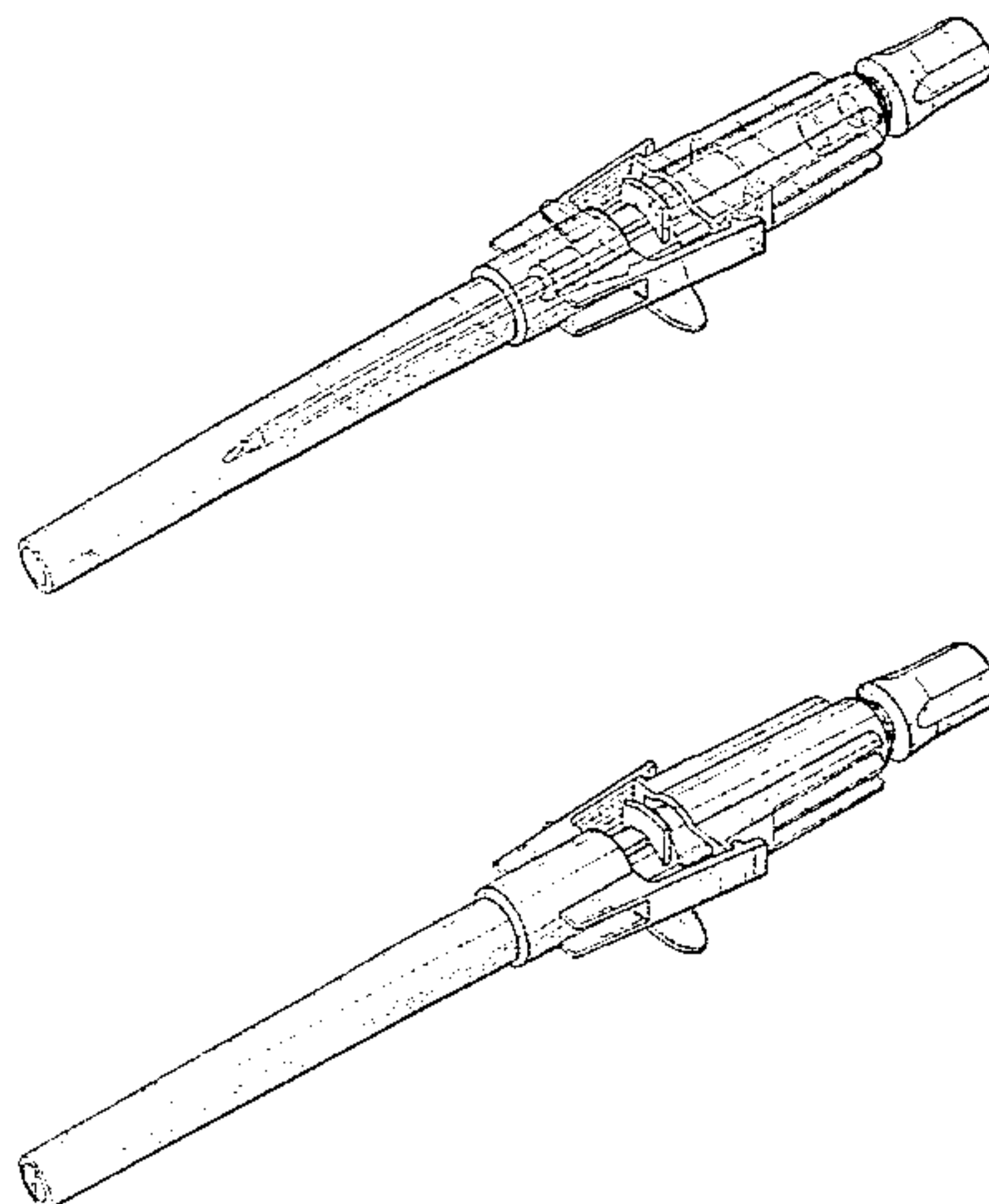
The ornamental design for an infusion cannula, as shown and described.

## DESCRIPTION

FIG. 1 is a perspective view of a transparent infusion cannula showing our new design;  
 FIG. 2 is a perspective view of a non-transparent infusion cannula showing our new design;

FIG. 3 is a perspective view of the infusion cannula of FIG. 2 shown with the protective cap removed;  
 FIG. 4 is a perspective view of the infusion cannula of FIG. 2 showing the protective cap, sheathing and cannula in disassembled condition;  
 FIG. 5 is a front elevation view of the infusion cannula of FIG. 1;  
 FIG. 6 is a back elevation view of the infusion cannula of FIG. 1;  
 FIG. 7 is an exploded view of the infusion cannula of FIG. 5 showing the protective cap, sheathing and cannula in disassembled condition;  
 FIG. 8 is a front elevation view of the infusion cannula of FIG. 2;  
 FIG. 9 is a back elevation view of the infusion cannula of FIG. 2;  
 FIG. 10 is an exploded view of the infusion cannula of FIG. 8 showing the protective cap sheathing and cannula in disassembled condition;  
 FIG. 11 is a left and right elevation view of the infusion cannula of FIGS. 1 and 5;  
 FIG. 12 is an exploded view of the infusion cannula of FIG. 11 showing the protective cap, sheathing and cannula in disassembled condition;  
 FIG. 13 is a left and right side elevation view of the infusion cannula of FIGS. 2 and 7;  
 FIG. 14 is an exploded view of the infusion cannula of FIG. 13 showing the protective cap, sheathing and cannula in disassembled condition;  
 FIG. 15 is a top end view of the infusion cannula of FIG. 1;  
 FIG. 16 is a top end view of the protective cap of the infusion cannula of FIG. 1;  
 FIG. 17 is a top end view of the cannula of the infusion cannula of FIG. 1;  
 FIG. 18 is a top end view of the sheathing of the infusion cannula of FIG. 1;  
 FIG. 19 is a bottom end view of the infusion cannula of FIG. 1;  
 FIG. 20 is a top end view of the infusion cannula of FIG. 2;  
 FIG. 21 is a top end view of the protective cap of the infusion cannula of FIG. 2;  
 FIG. 22 is a top end view of the cannula of the infusion cannula of FIG. 2;  
 FIG. 23 is a top end view of the sheathing of the infusion cannula of FIG. 2; and,  
 FIG. 24 is a bottom end view of the infusion cannula of FIG. 2.

**1 Claim, 10 Drawing Sheets**



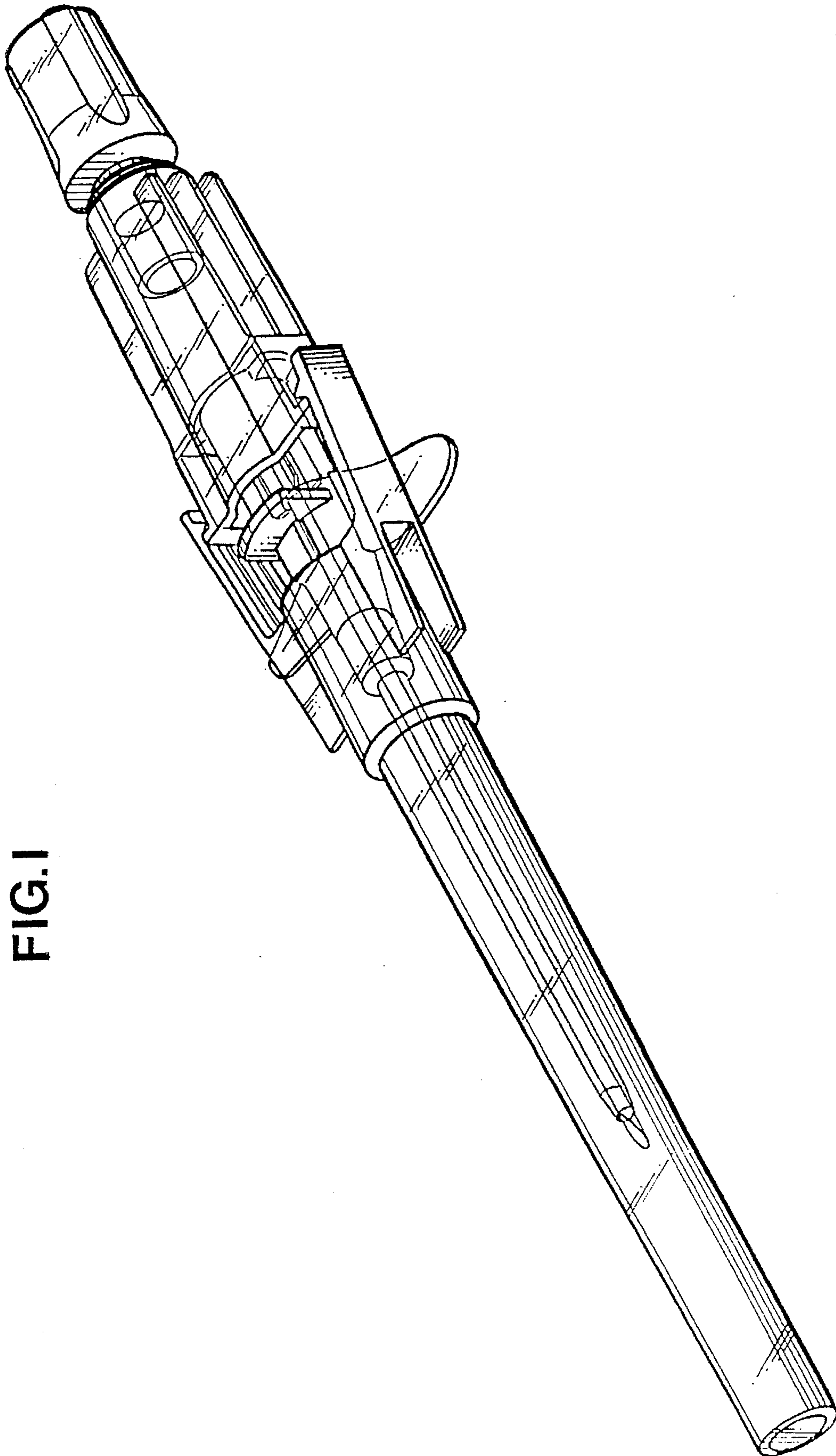


FIG.1

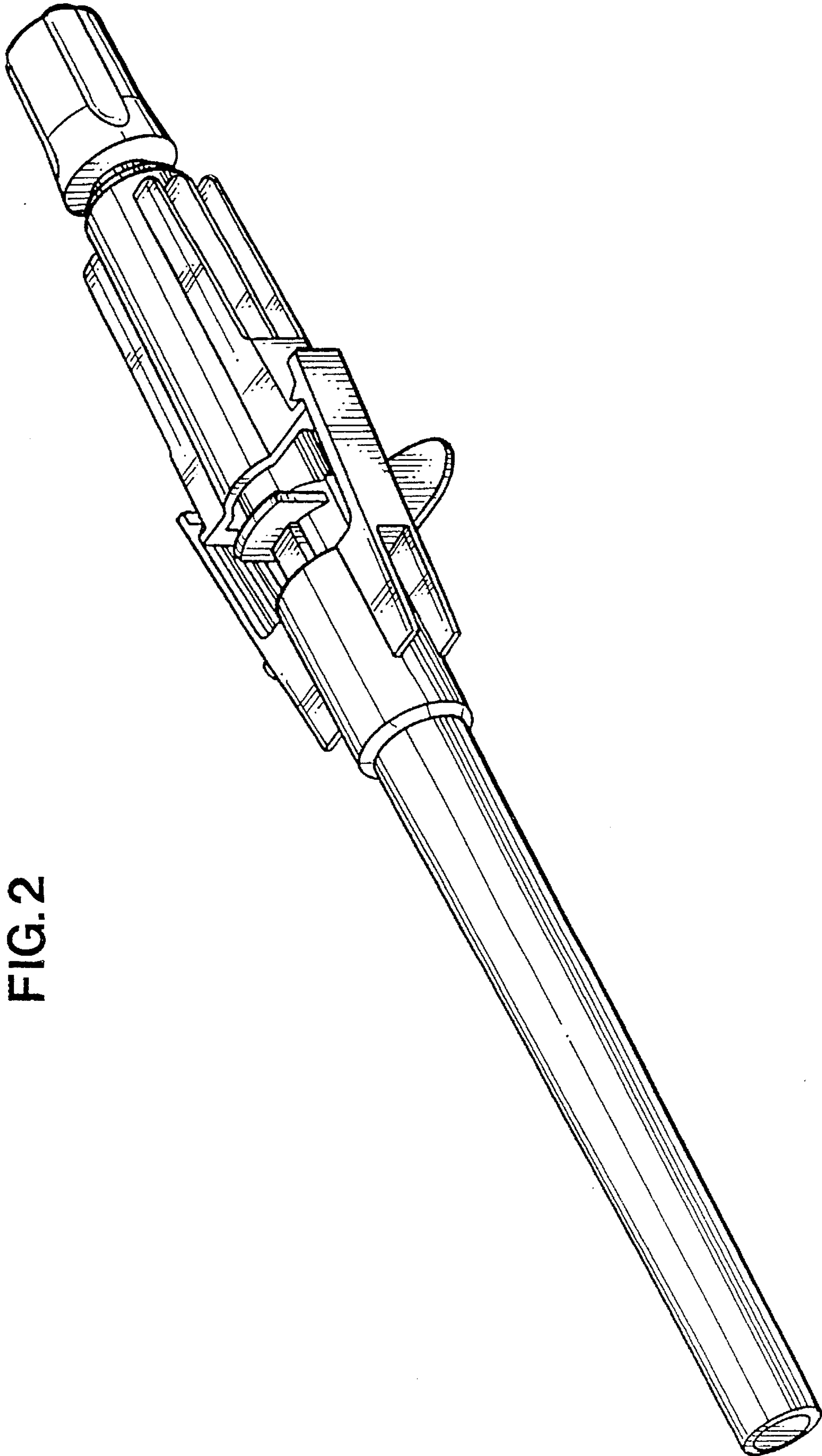


FIG. 2



FIG. 3

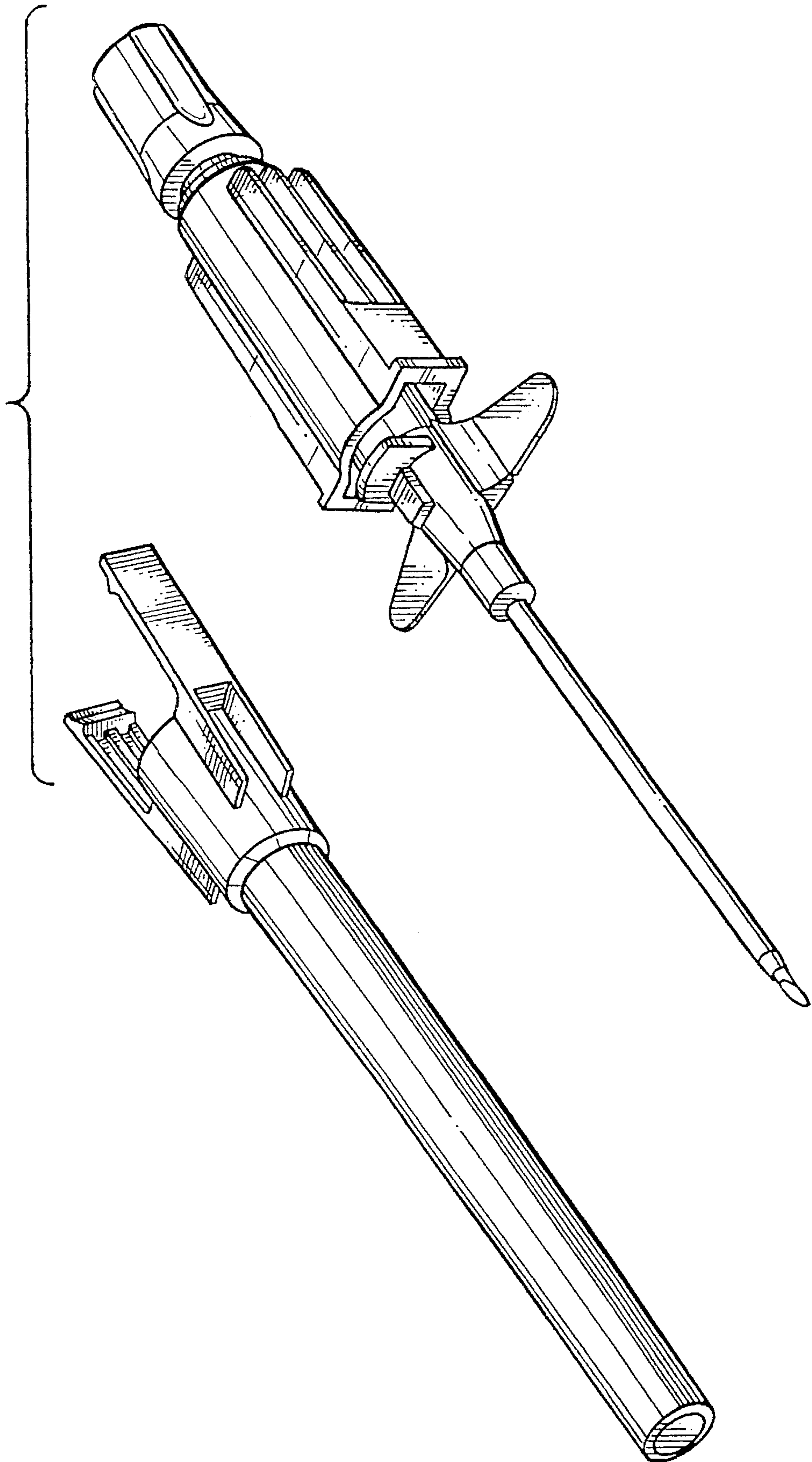


FIG. 4

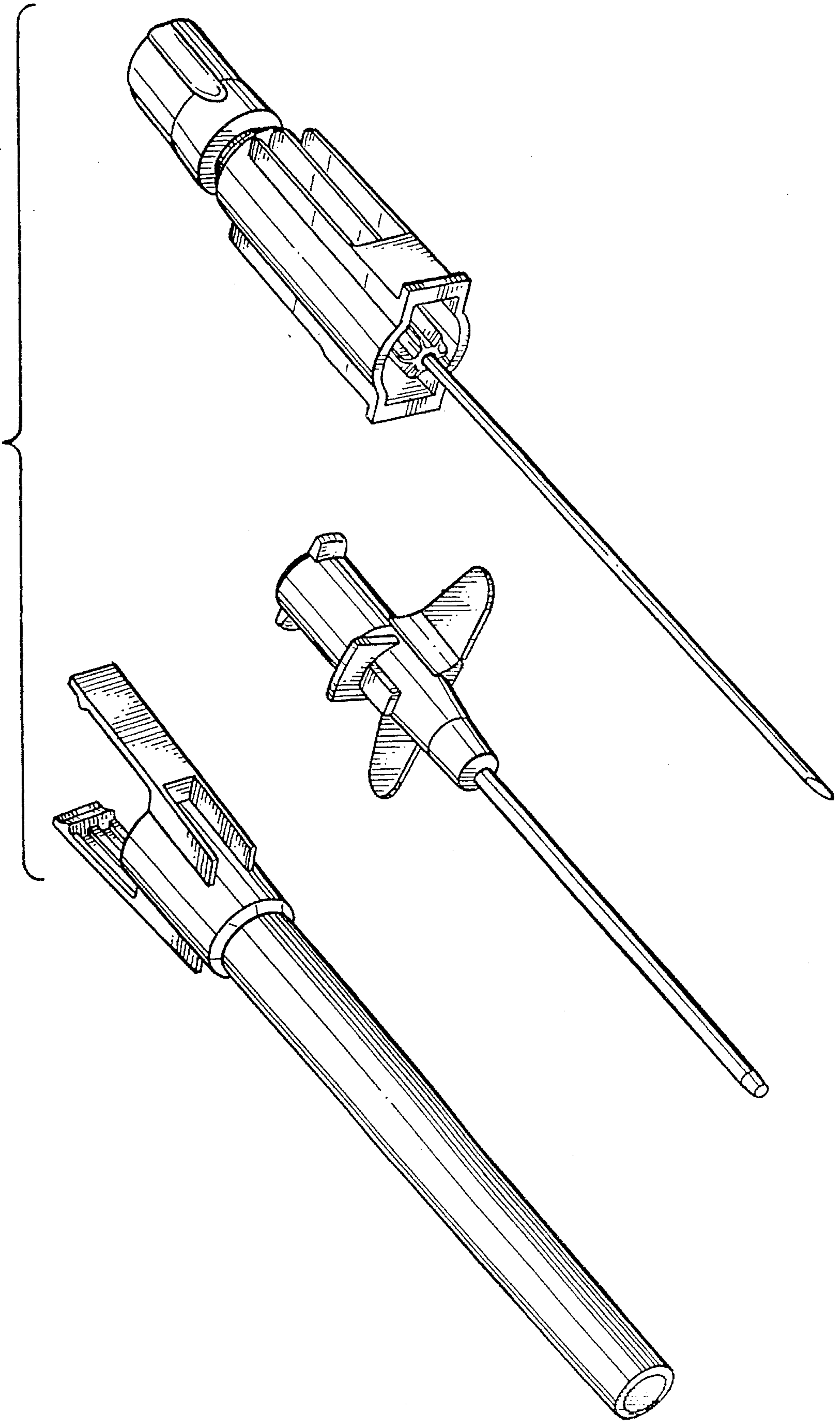


FIG. 5

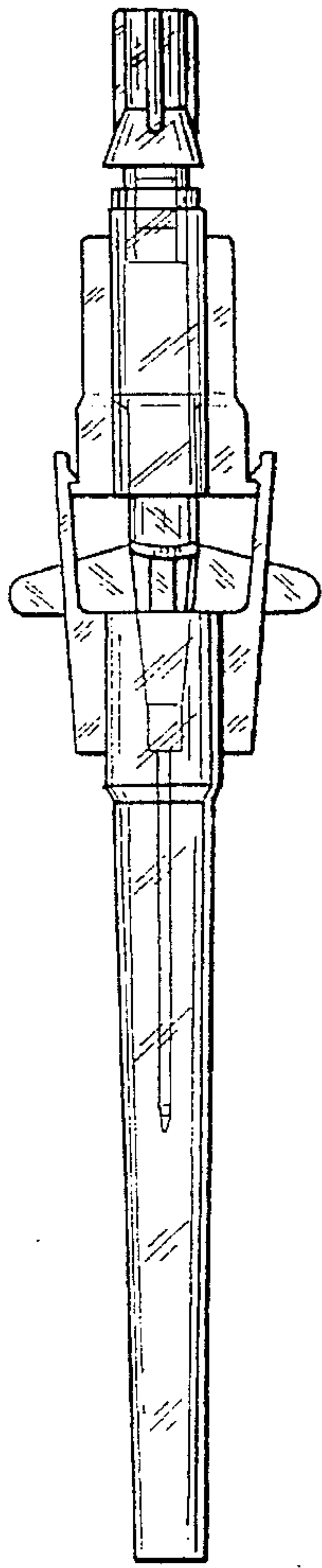


FIG. 6

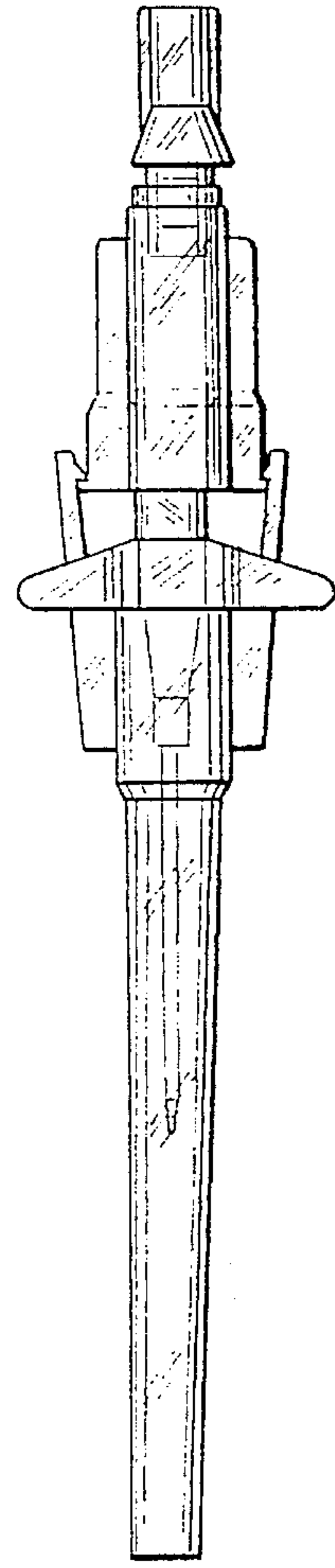


FIG. 7

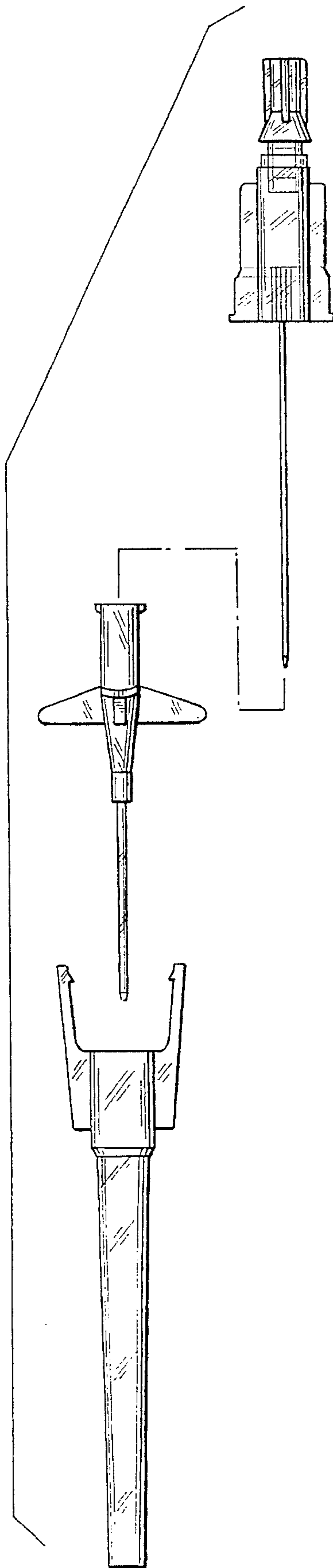


FIG. 8

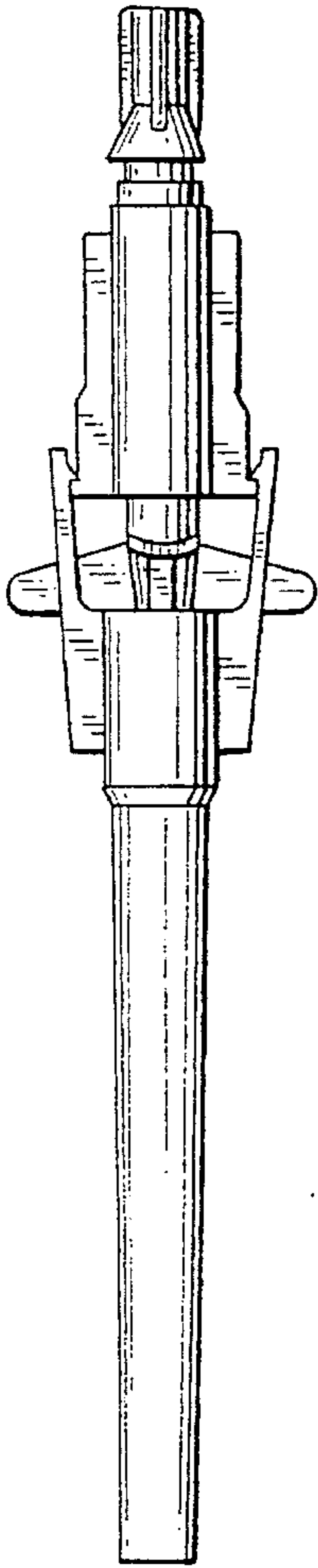


FIG. 9

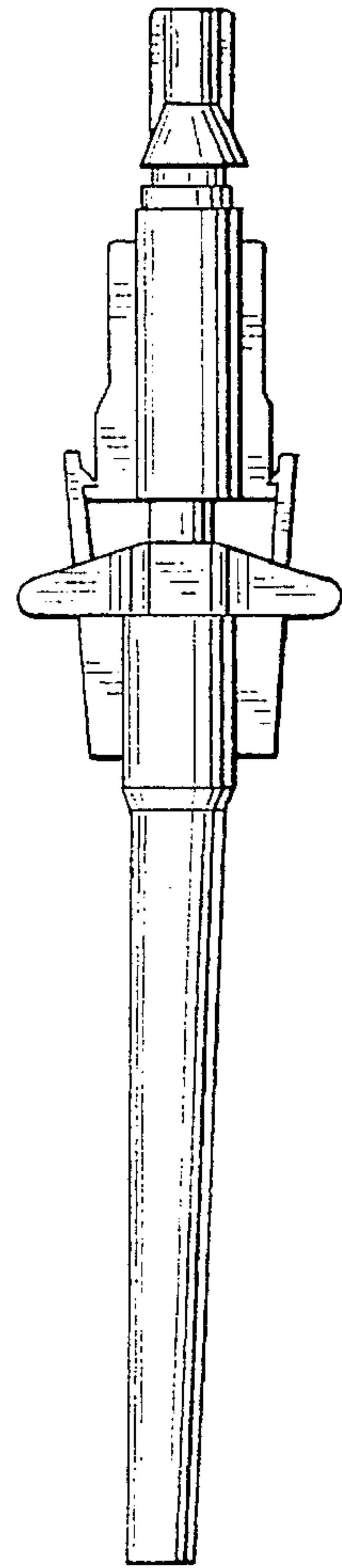


FIG. 10

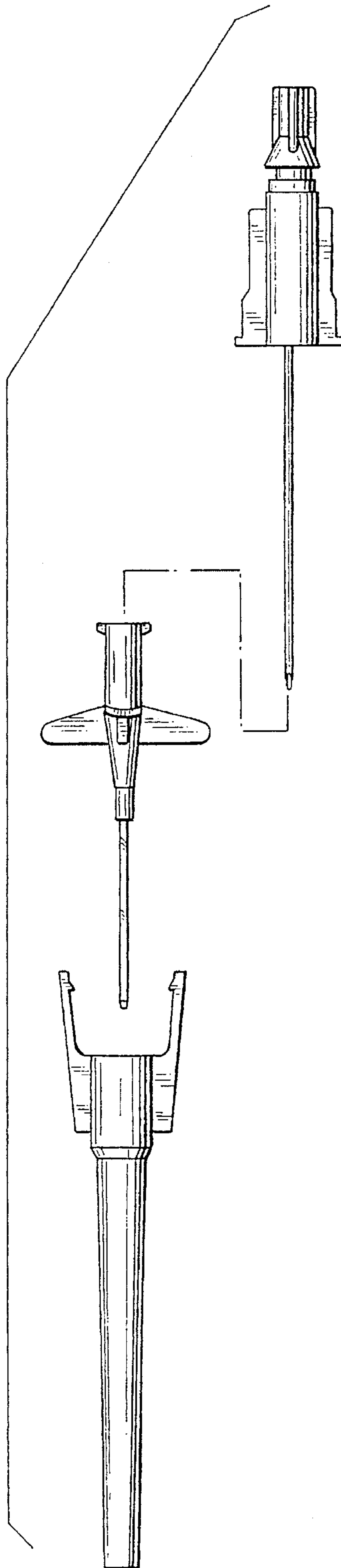


FIG. 11

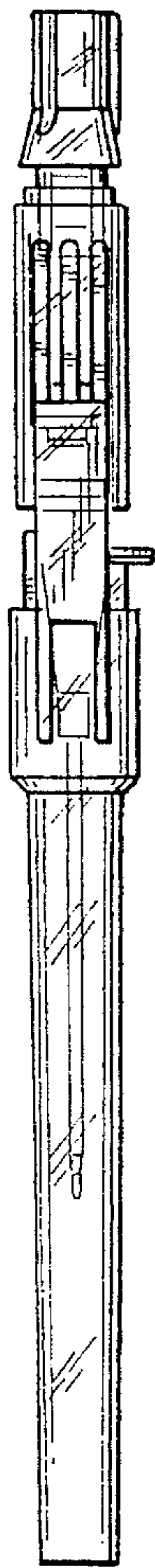


FIG. 12

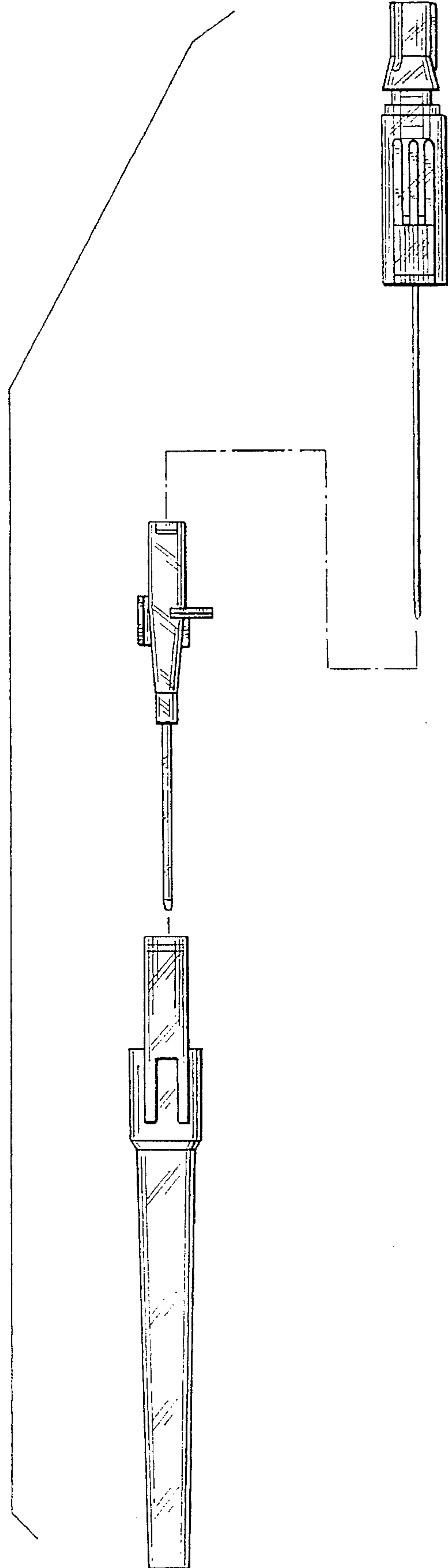




FIG. 13

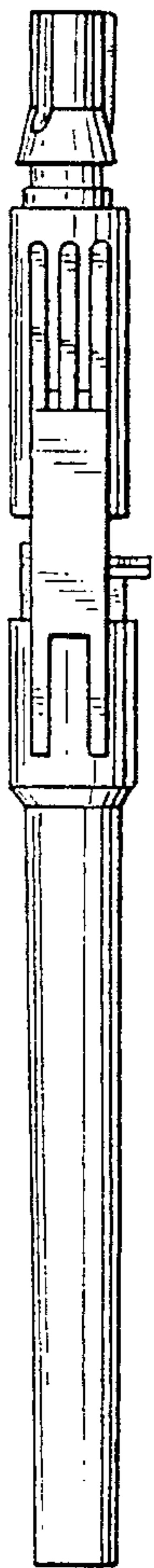


FIG. 14

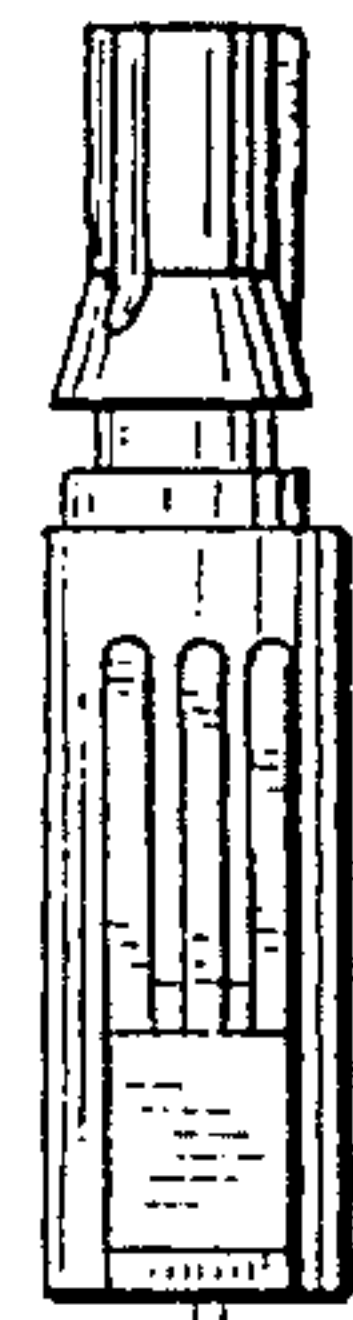
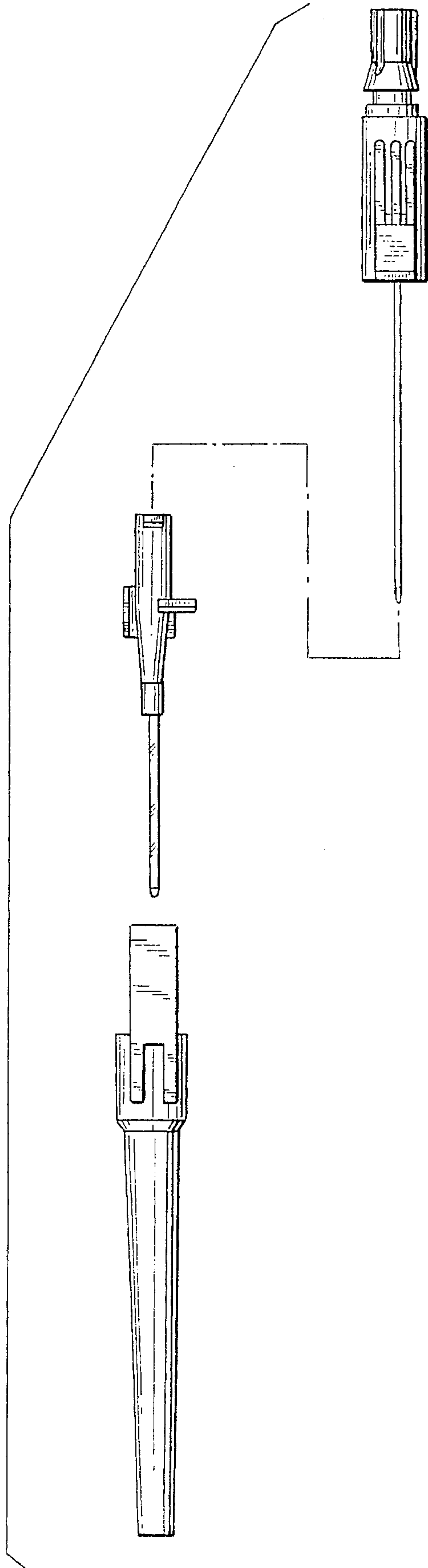


FIG. 15

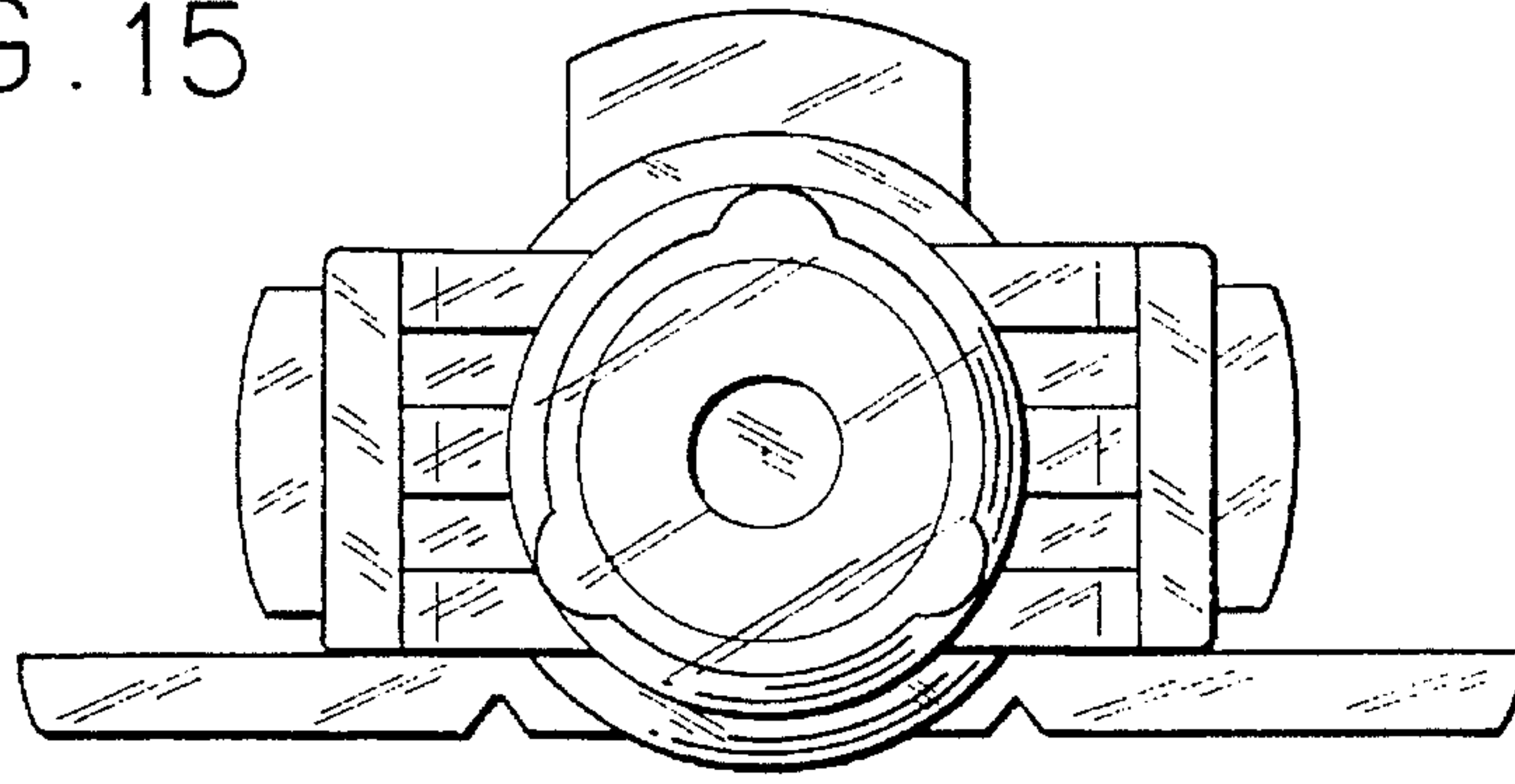


FIG. 16

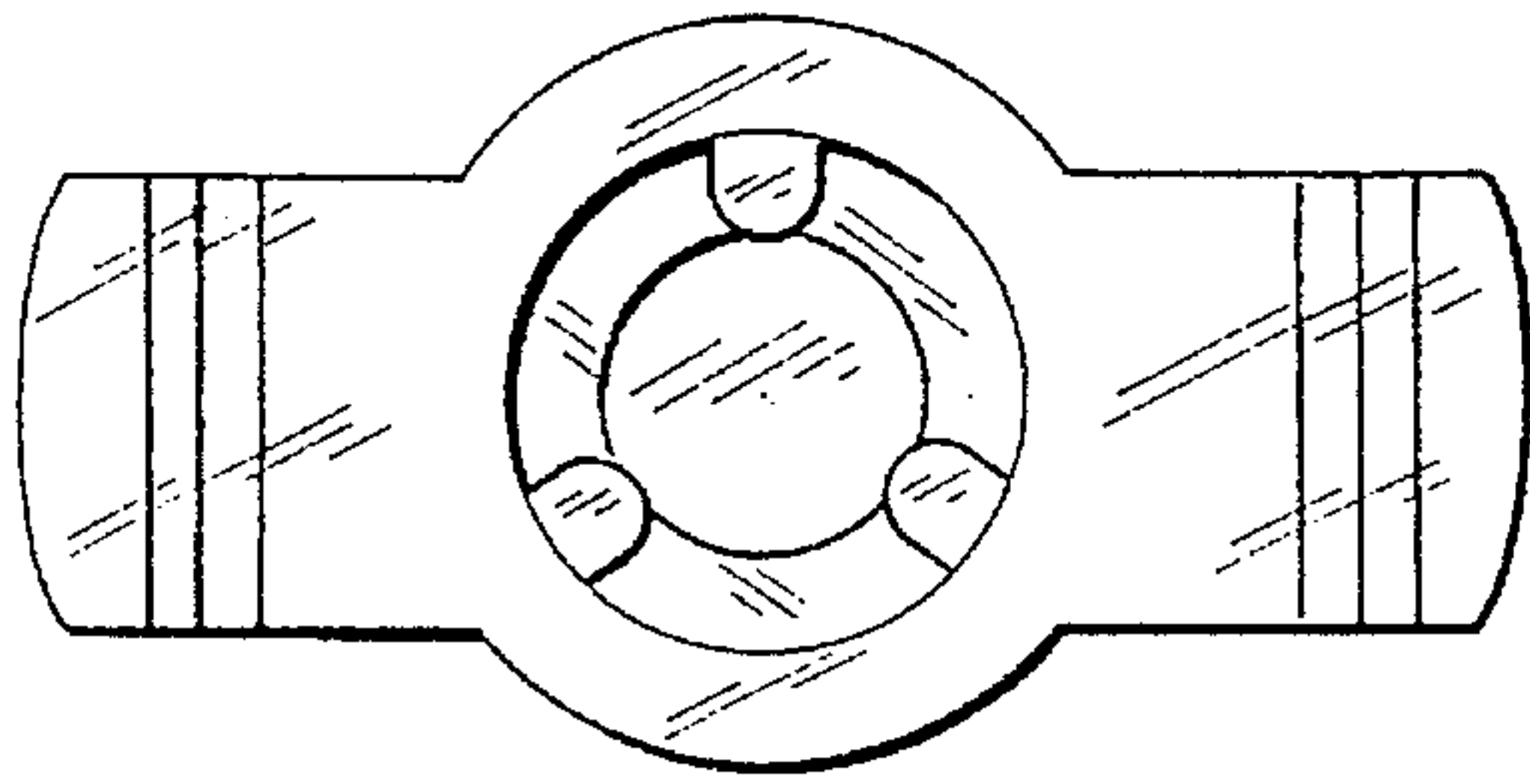


FIG. 17

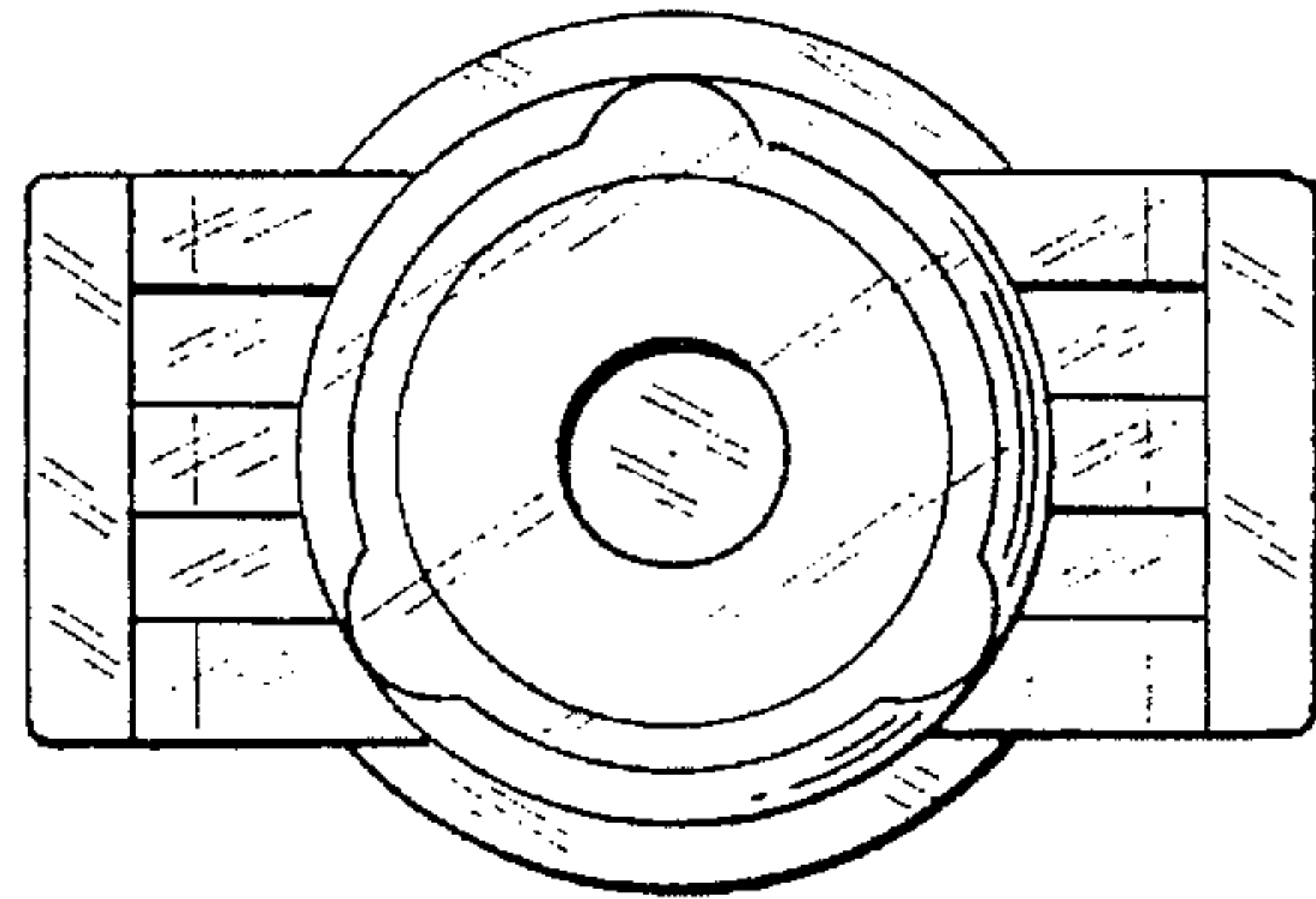


FIG. 18

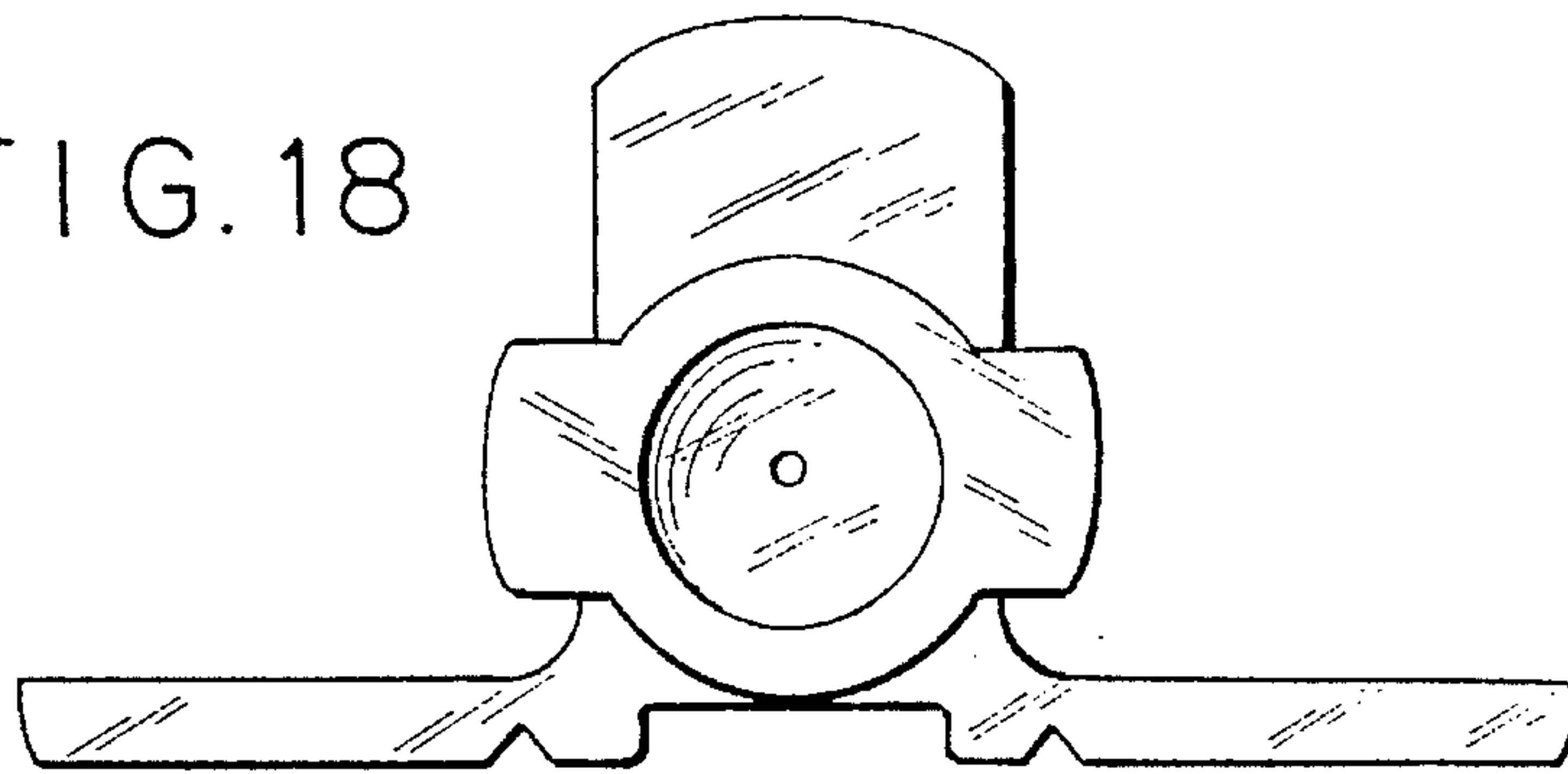


FIG. 19

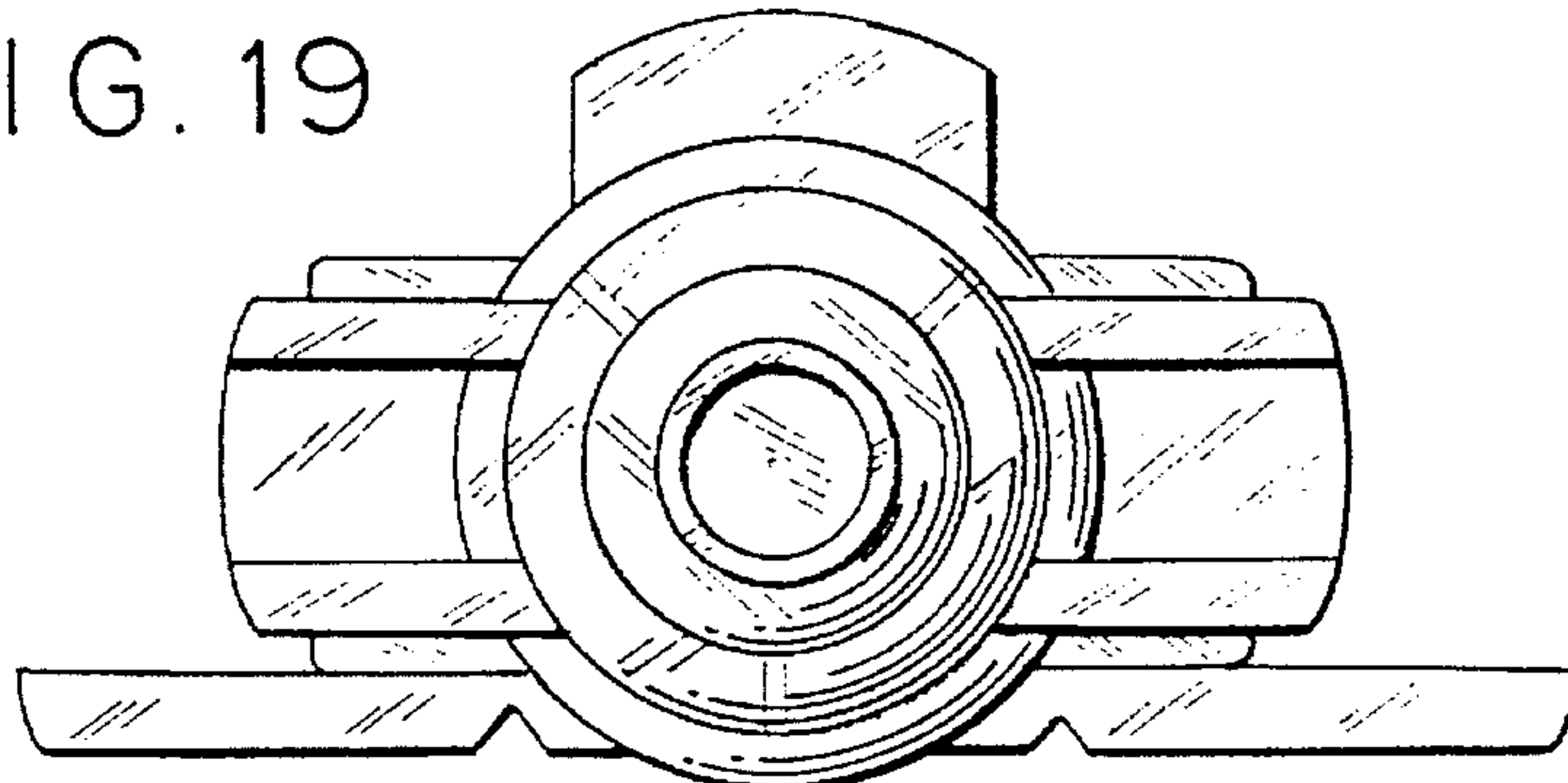


FIG. 20

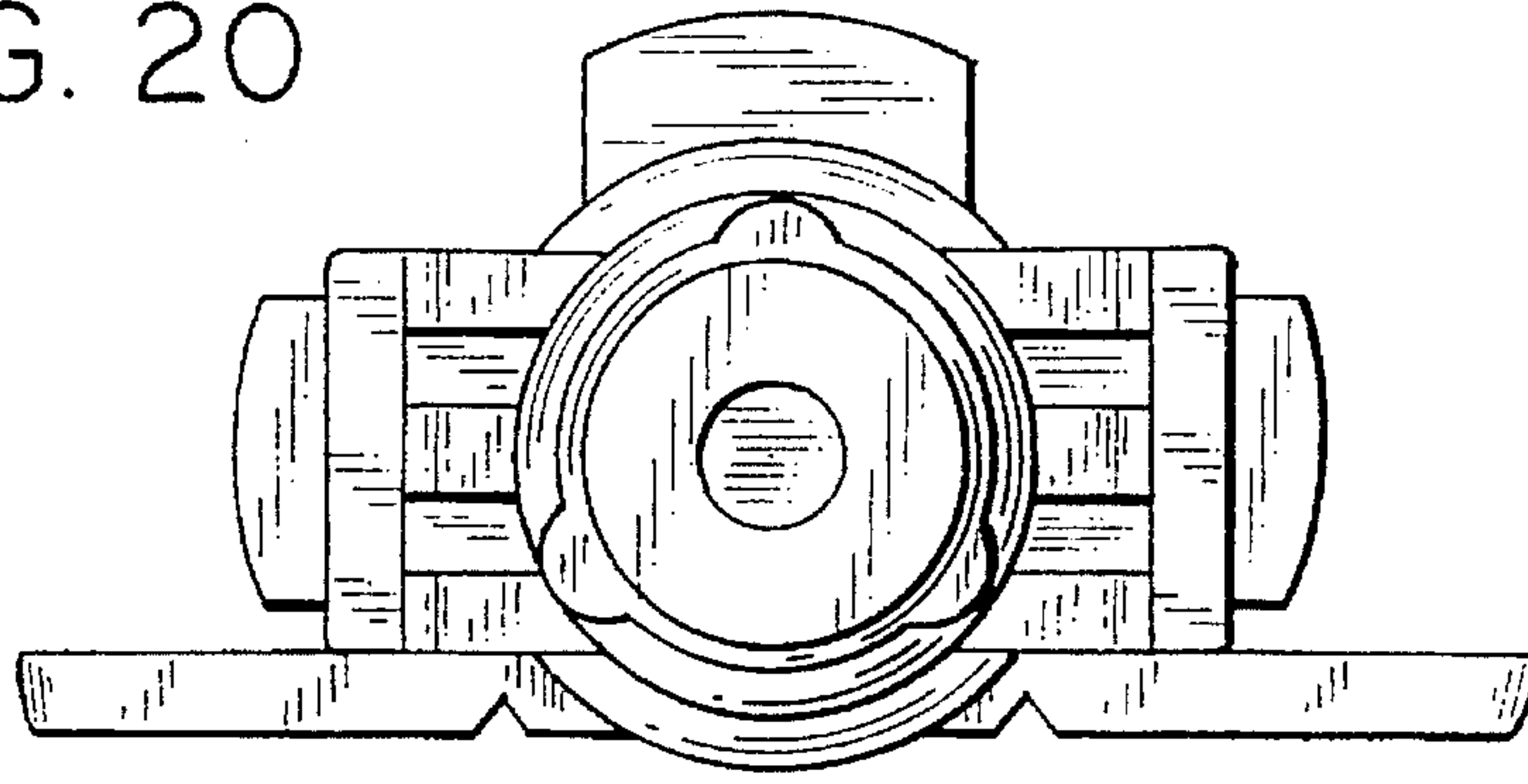


FIG. 21

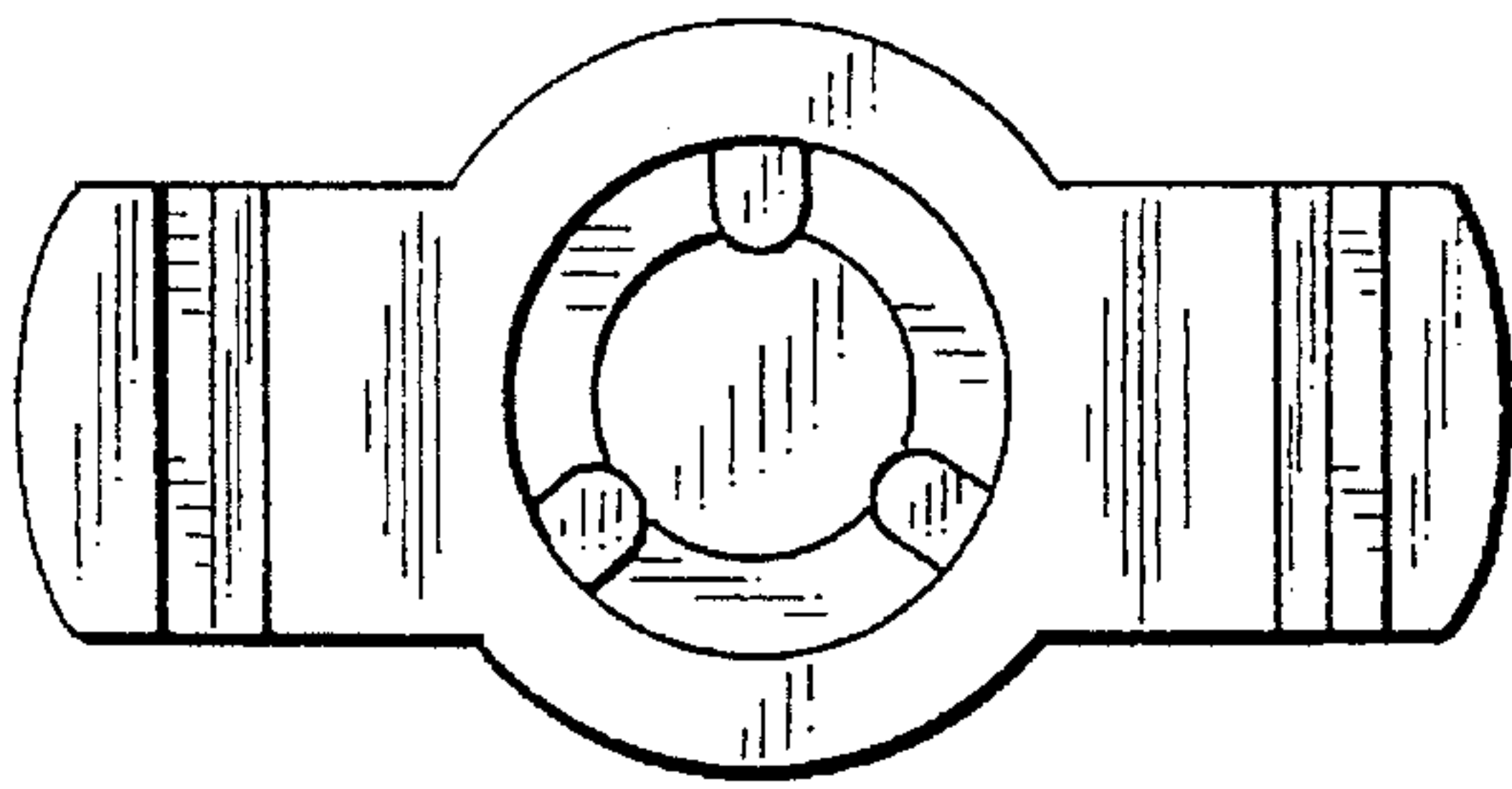


FIG. 22

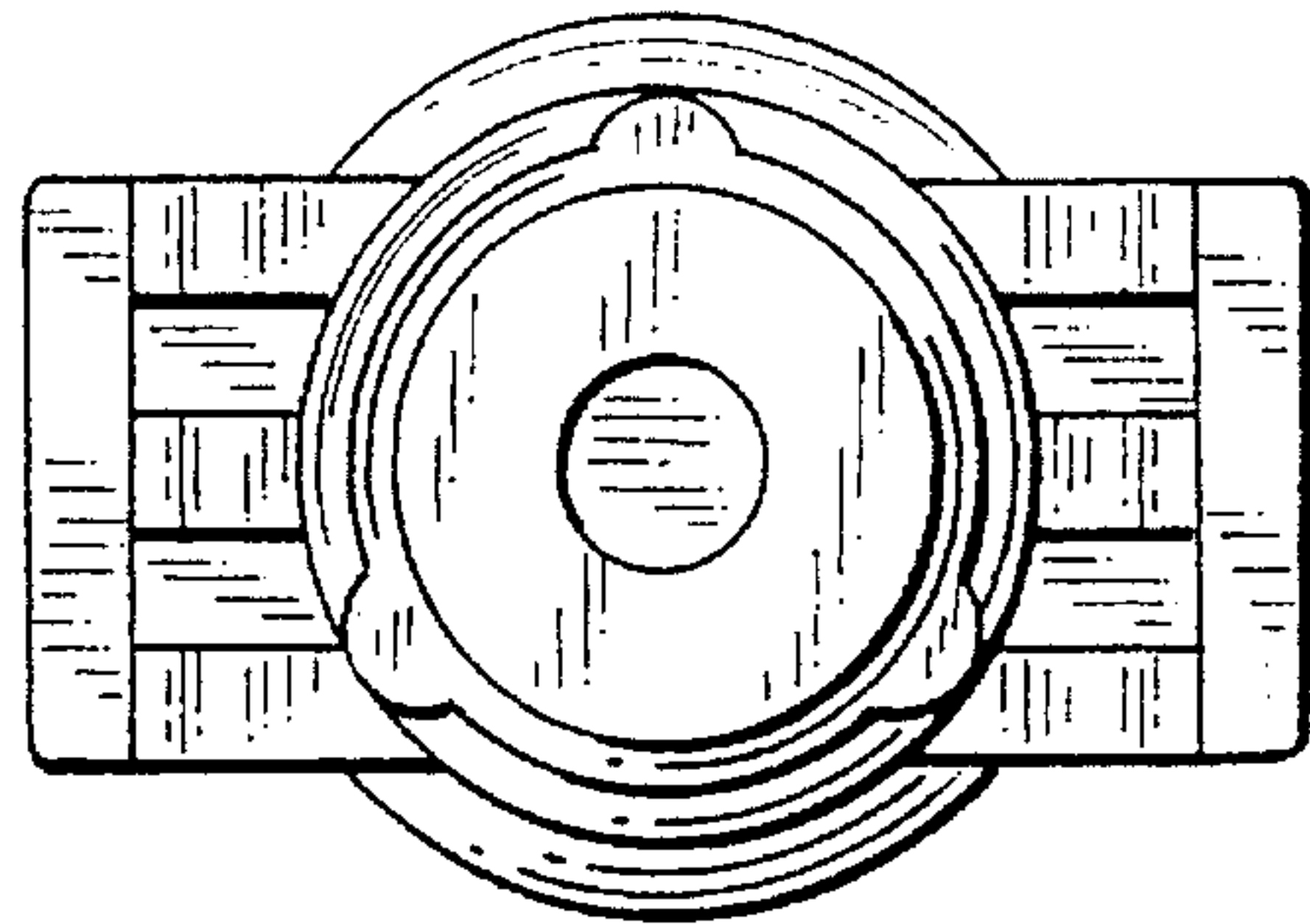


FIG. 23

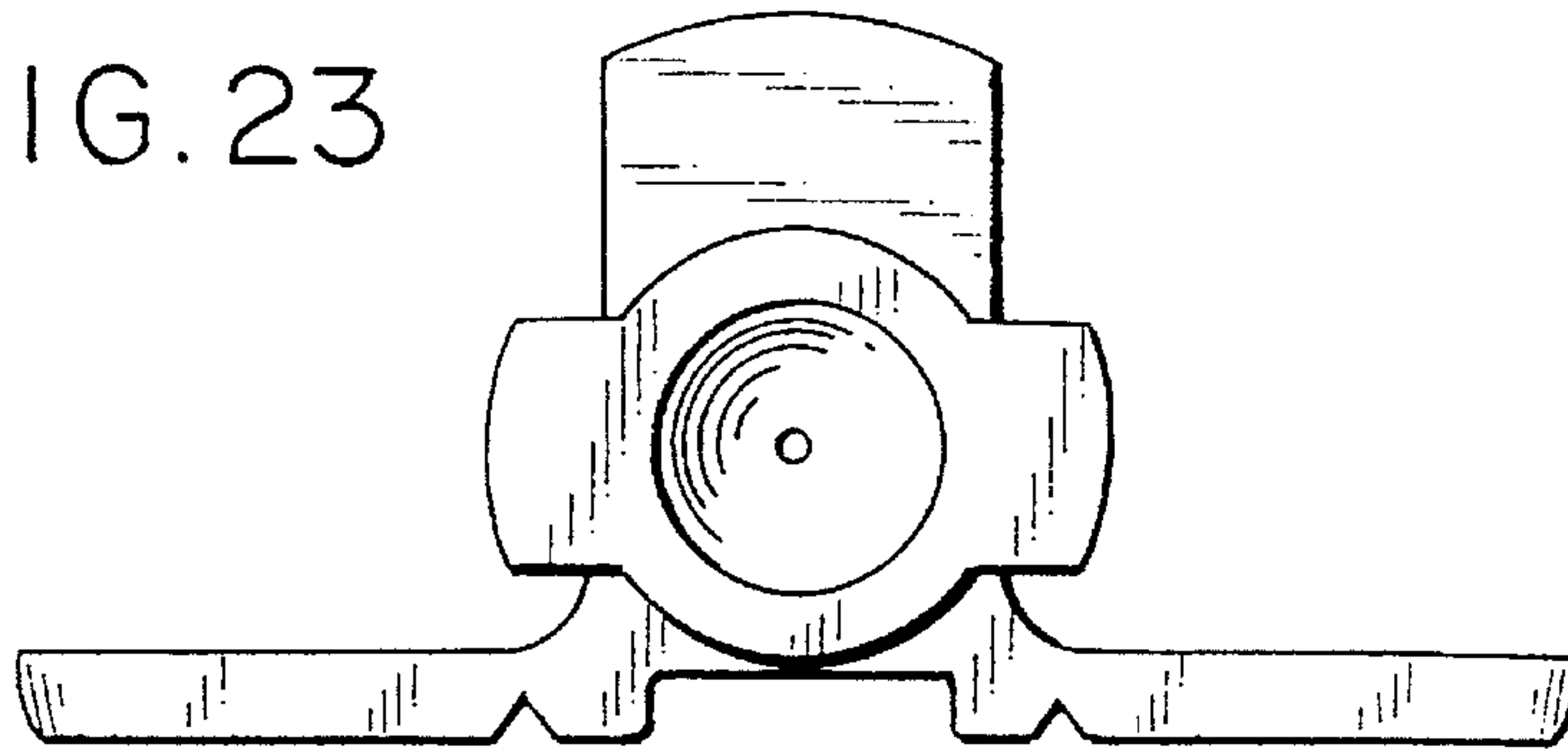


FIG. 24

