

US00D496457S1

(12) **United States Design Patent** (10) **Patent No.:** **US D496,457 S**
Prais et al. (45) **Date of Patent:** **** Sep. 21, 2004**

- (54) **MEDICAL NEEDLE ASSEMBLY** 5,312,369 A 5/1994 Arcusin et al.
5,423,765 A 6/1995 Hollister
(75) Inventors: **Alfred W. Prais**, Hewitt, NJ (US); 5,490,841 A 2/1996 Landis
Richard James Caizza, Vernon, NJ 5,599,318 A 2/1997 Sweeney et al.
(US); **Gary Henniger**, Wayne, NJ 5,632,728 A 5/1997 Hein
(US); **Espen D. Karteraas**, Tuxedo, 5,662,617 A 9/1997 Odell et al.
NY (US) 5,681,295 A 10/1997 Gyure et al.
5,733,265 A 3/1998 Bachman et al.
(73) Assignee: **Becton Dickinson and Company**, 5,807,351 A 9/1998 Kashmer
Franklin Lakes, NJ (US) 5,868,716 A 2/1999 Sweeney et al.
5,885,249 A 3/1999 Irisawa

(**) Term: **14 Years** (List continued on next page.)

(21) Appl. No.: **29/185,467**

(22) Filed: **Jun. 27, 2003**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/160,321, filed on May 9, 2002, now Pat. No. Des. 476,733.

(51) **LOC (7) Cl.** **24-02**

(52) **U.S. Cl.** **D24/130; D24/112; D24/114**

(58) **Field of Search** **D24/112, 114, D24/130; 128/919; 604/263, 198, 195, 197, 192, 164.08, 187, 110**

(56) **References Cited**

U.S. PATENT DOCUMENTS

- | | | |
|-------------|---------|------------------|
| 3,119,391 A | 1/1964 | Harrison |
| 3,194,237 A | 7/1965 | Rubin |
| 3,512,520 A | 5/1970 | Cowan |
| 3,905,371 A | 9/1975 | Stickl et al. |
| 3,948,261 A | 4/1976 | Steiner |
| 4,545,376 A | 10/1985 | Beiter |
| 4,838,877 A | 6/1989 | Massau |
| 4,872,552 A | 10/1989 | Unger |
| 4,982,842 A | 1/1991 | Hollister |
| 5,078,693 A | 1/1992 | Shine |
| 5,135,509 A | 8/1992 | Olliffe |
| 5,151,089 A | 9/1992 | Kirk, III et al. |
| 5,154,285 A | 10/1992 | Hollister |
| 5,188,611 A | 2/1993 | Orgain |
| 5,232,455 A | 8/1993 | Hollister |
| 5,242,417 A | 9/1993 | Paudler |

FOREIGN PATENT DOCUMENTS

WO WO 02/094340 11/2002

* cited by examiner

Primary Examiner—Ian Simmons

(74) *Attorney, Agent, or Firm*—Jeanne P. Lukasavage

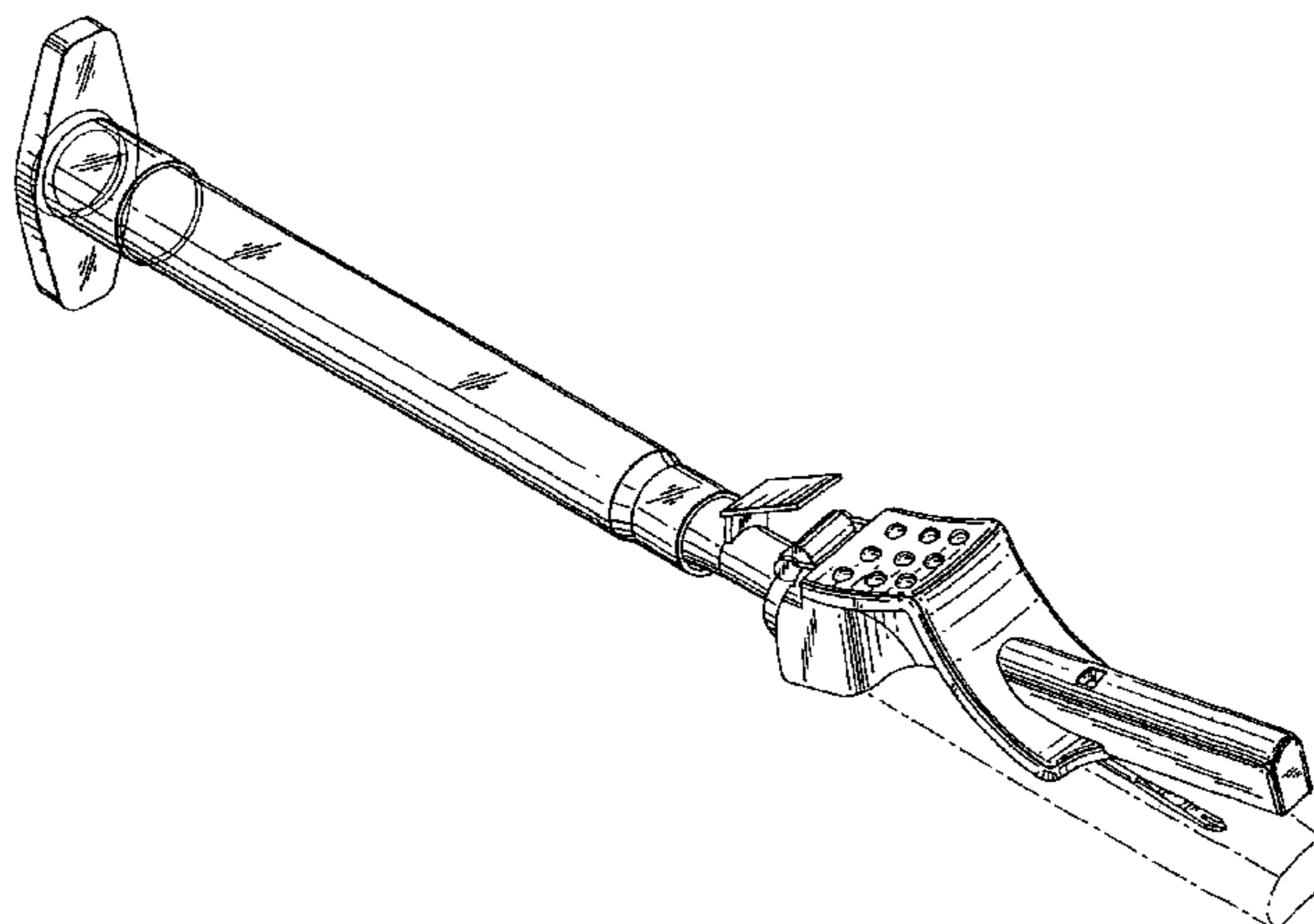
(57) **CLAIM**

The ornamental design for a medical needle assembly, substantially as shown and described.

DESCRIPTION

FIG. 1 is an overall perspective view of a bifurcated medical needle assembly with a pivoting safety shield showing our new design, the broken line shown for illustrative purposes only and forming no part of the claimed design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a side elevational view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a bottom perspective view thereof with the pivoting safety shield in an open position;
FIG. 7 is a top perspective view of the bifurcated medical needle assembly shown with the pivoting safety shield in a closed, safety shielded position;
FIG. 8 is a side elevational view of the assembly as in FIG. 7 with the pivoting safety shield in a closed position; and,
FIG. 9 is a bottom elevational view of the assembly as in FIG. 7 with the pivoting safety shield in a closed position.

1 Claim, 5 Drawing Sheets



US D496,457 S

Page 2

U.S. PATENT DOCUMENTS

5,913,846 A	6/1999	Szabo	6,334,857 B1	1/2002	Hollister et al.	
5,919,165 A	7/1999	Benson	6,575,941 B1 *	6/2003	Mumford	604/192
6,120,482 A	9/2000	Szabo	6,595,955 B2 *	7/2003	Ferguson et al.	604/110
D442,280 S *	5/2001	Crawford et al.	6,699,217 B2 *	3/2004	Bennett et al.	604/110
		D24/130	6,719,737 B2 *	4/2004	Kobayashi	604/263
6,241,710 B1	6/2001	VanTassel et al.	2002/0072715 A1 *	6/2002	Newby et al.	604/192
6,254,577 B1	7/2001	Huet	2003/0060773 A1 *	3/2003	Nguyen	604/192
6,298,541 B1	10/2001	Newby et al.	2004/0039340 A1 *	2/2004	Prais et al.	604/198
6,319,232 B1	11/2001	Kashmer				

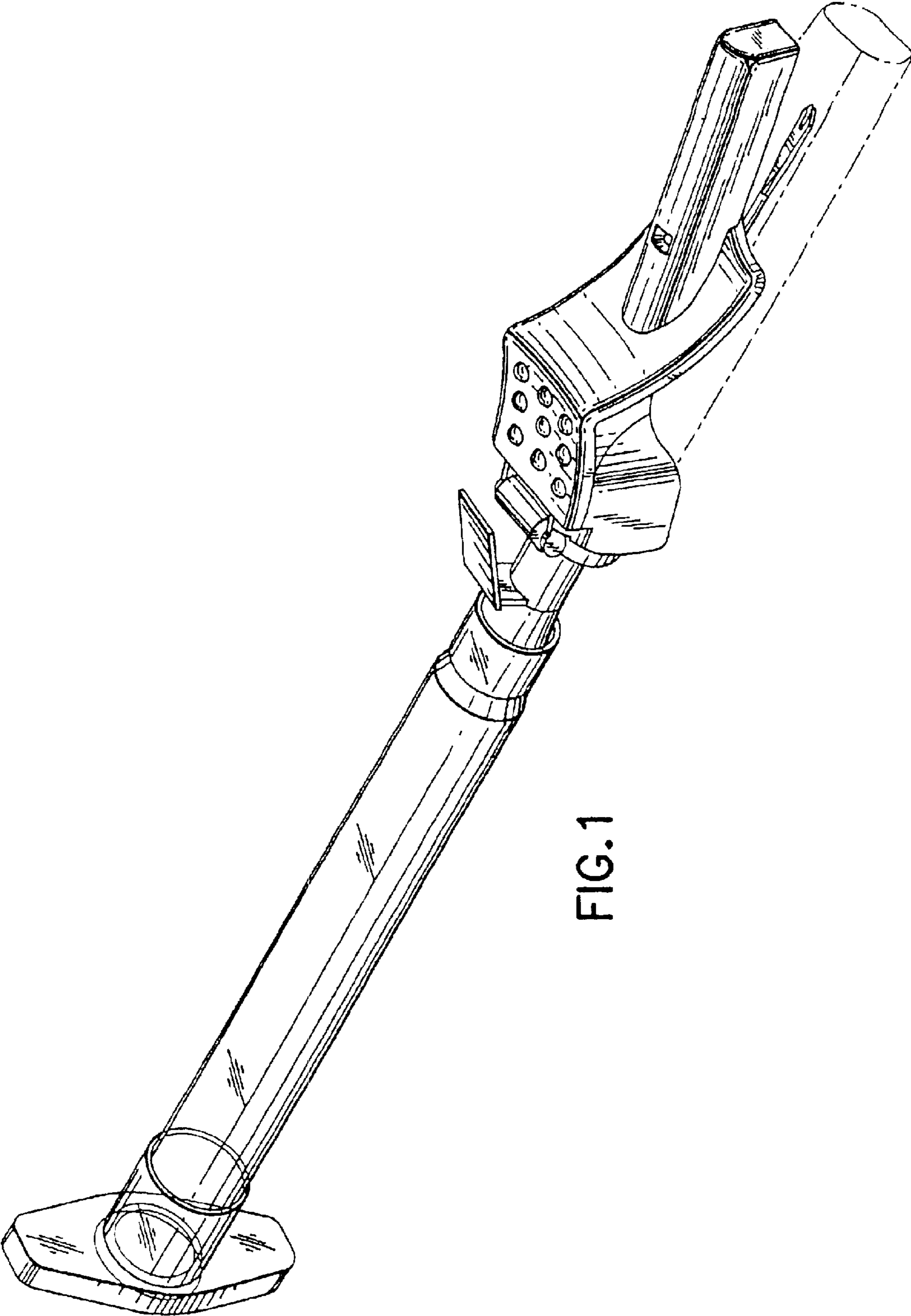


FIG. 1

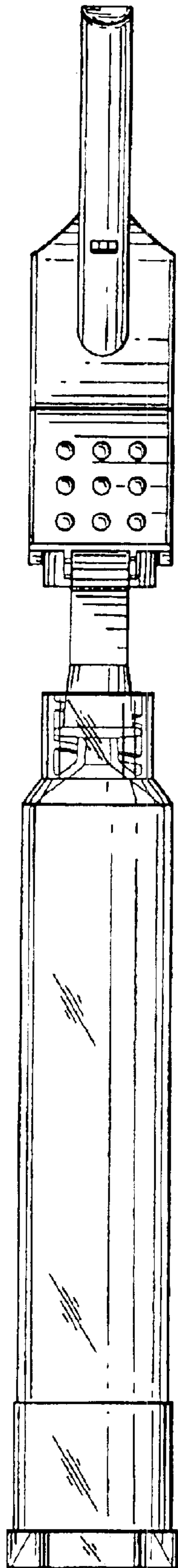


FIG. 2

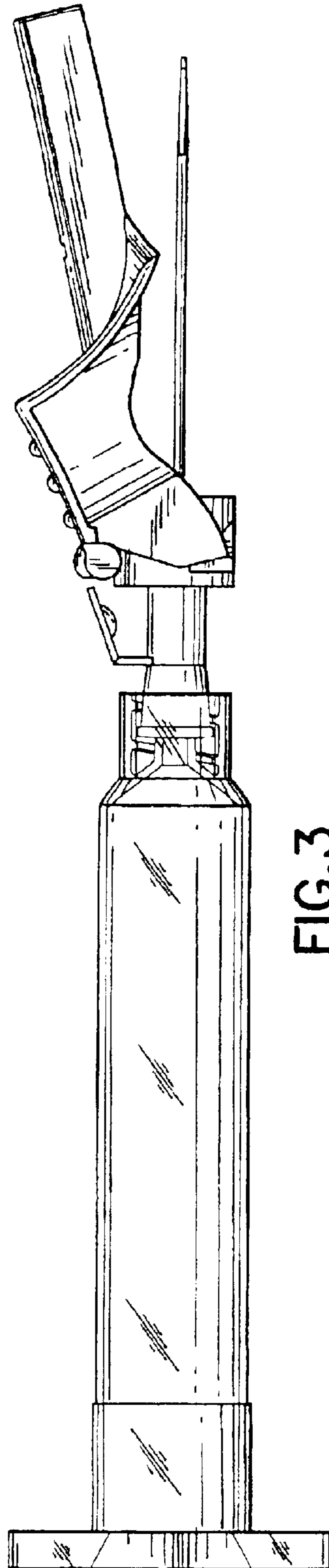


FIG. 3

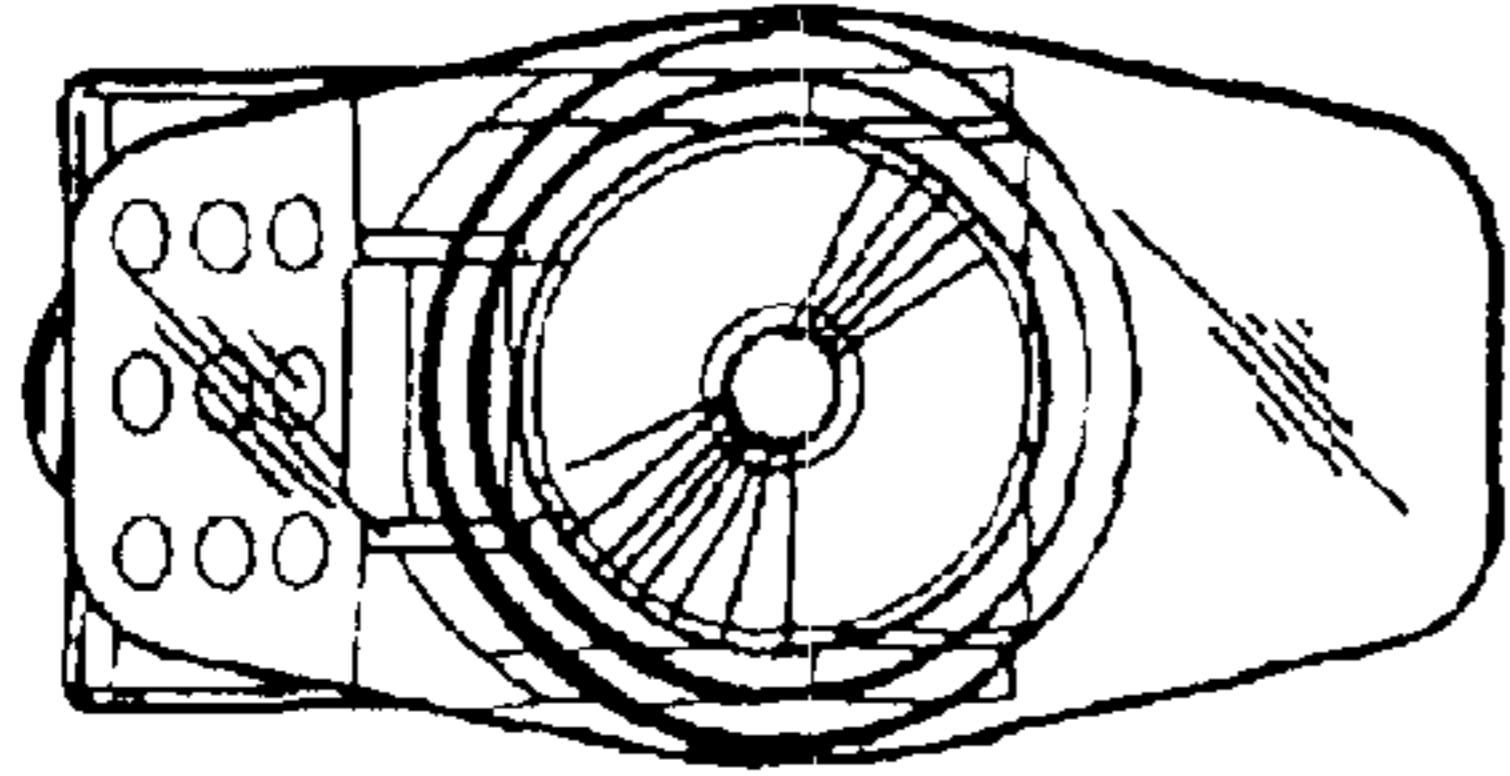


FIG. 5

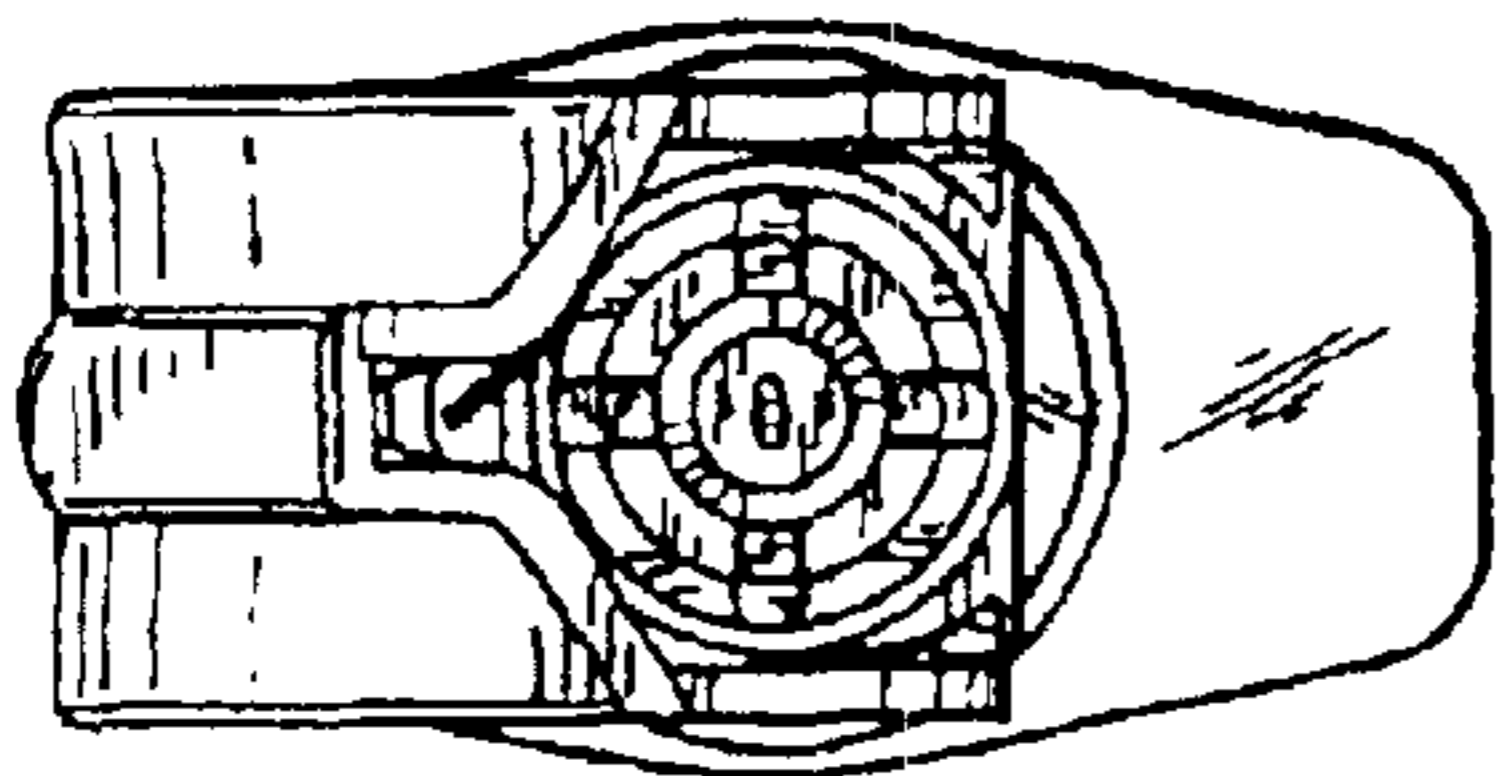


FIG. 4

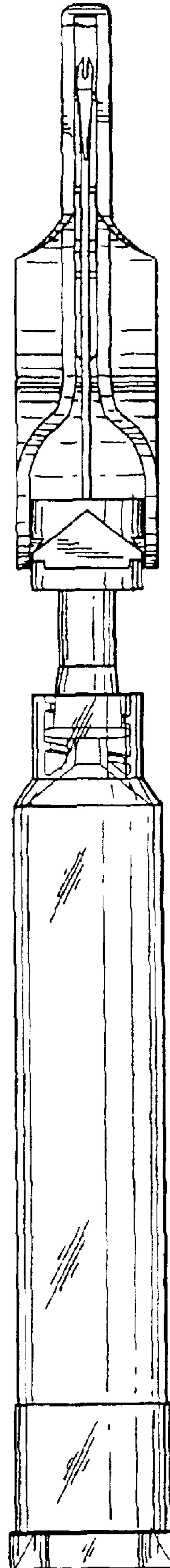


FIG. 6

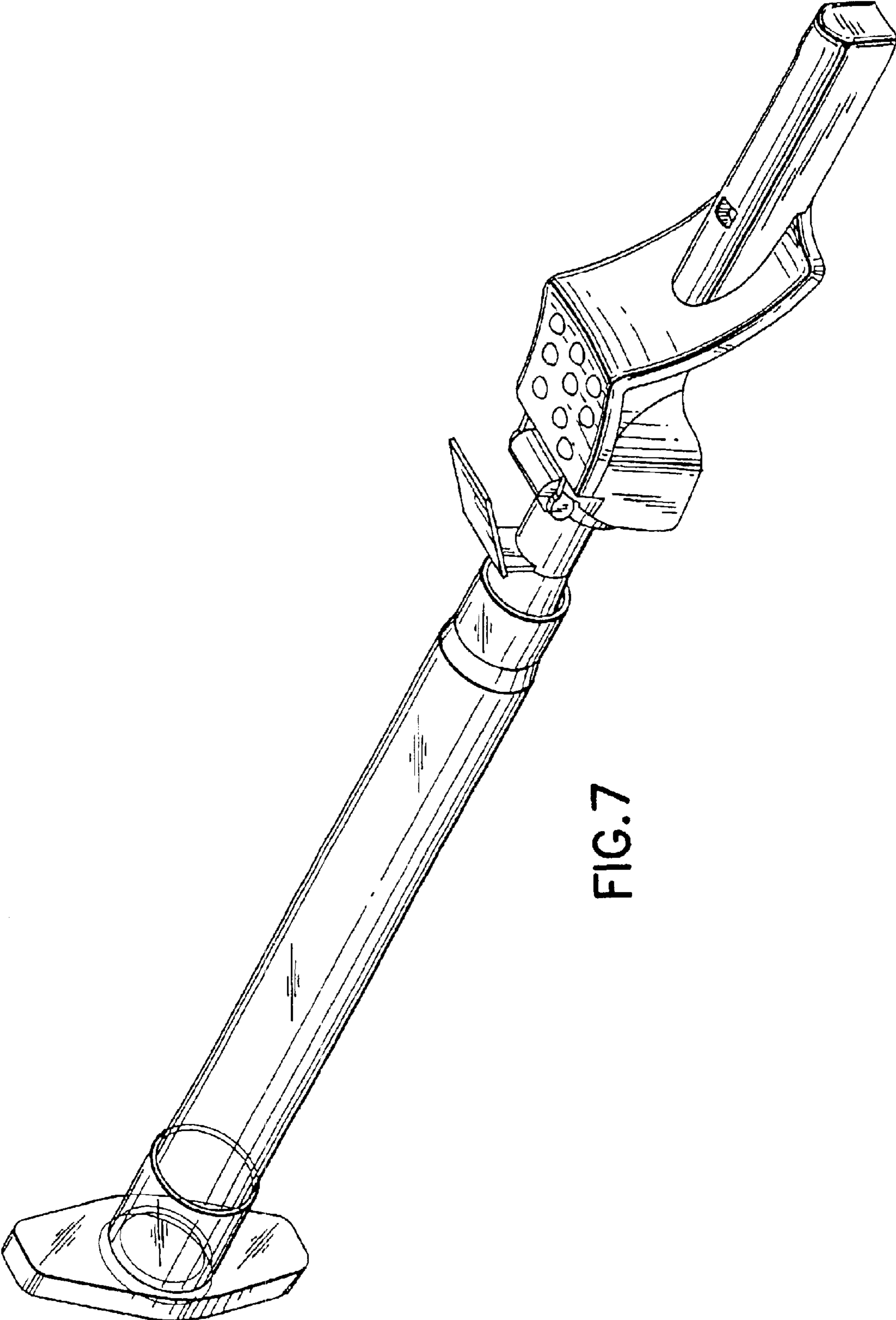


FIG. 7

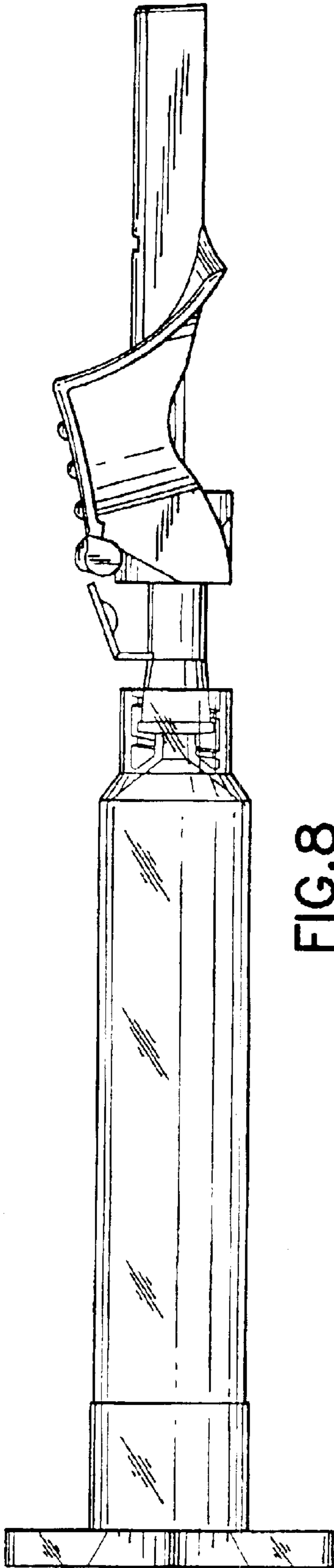


FIG. 8

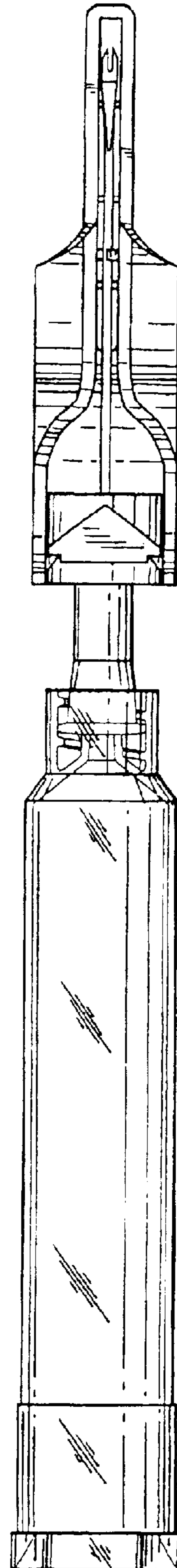


FIG. 9