

US00D502578S

(12) **United States Design Patent**  
**Roschi**

(10) **Patent No.:** **US D502,578 S**  
(45) **Date of Patent:** **\*\* Mar. 1, 2005**

(54) **PIPE FOR VACUUM CLEANER**  
(75) **Inventor:** **Barbara Roschi, Milan (IT)**  
(73) **Assignee:** **Davy S.r.l. (IT)**  
(\*\*) **Term:** **14 Years**

6,148,474 A \* 11/2000 Ohara et al. .... 15/377  
D453,866 S \* 2/2002 Nighy et al. .... D32/31  
6,486,396 B2 \* 11/2002 Stein ..... 174/47  
D470,983 S \* 2/2003 Svaldi ..... D32/31  
6,513,191 B1 \* 2/2003 Kim ..... 15/414  
D477,445 S \* 7/2003 Schroter ..... D32/31

\* cited by examiner

(21) **Appl. No.:** **29/176,524**  
(22) **Filed:** **Feb. 21, 2003**  
(30) **Foreign Application Priority Data**

Sep. 3, 2002 (WO) ..... DMA/005 842

(51) **LOC (7) Cl.** ..... **15-05**  
(52) **U.S. Cl.** ..... **D32/31**  
(58) **Field of Search** ..... D32/31-33, 21,  
D32/22, 23; 15/415.1-422.1, 321-322,  
400, 414, 377, 144.4; 285/7; 138/177

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D217,285 S \* 4/1970 Anderson ..... D32/31  
5,462,311 A \* 10/1995 Cipolla ..... 285/7  
5,836,620 A \* 11/1998 Wang et al. .... 285/7  
6,108,861 A \* 8/2000 Vystreil et al. .... 15/323

*Primary Examiner*—Ruth McInroy  
(74) *Attorney, Agent, or Firm*—Shlesinger, Fitzsimmons & Shlesinger

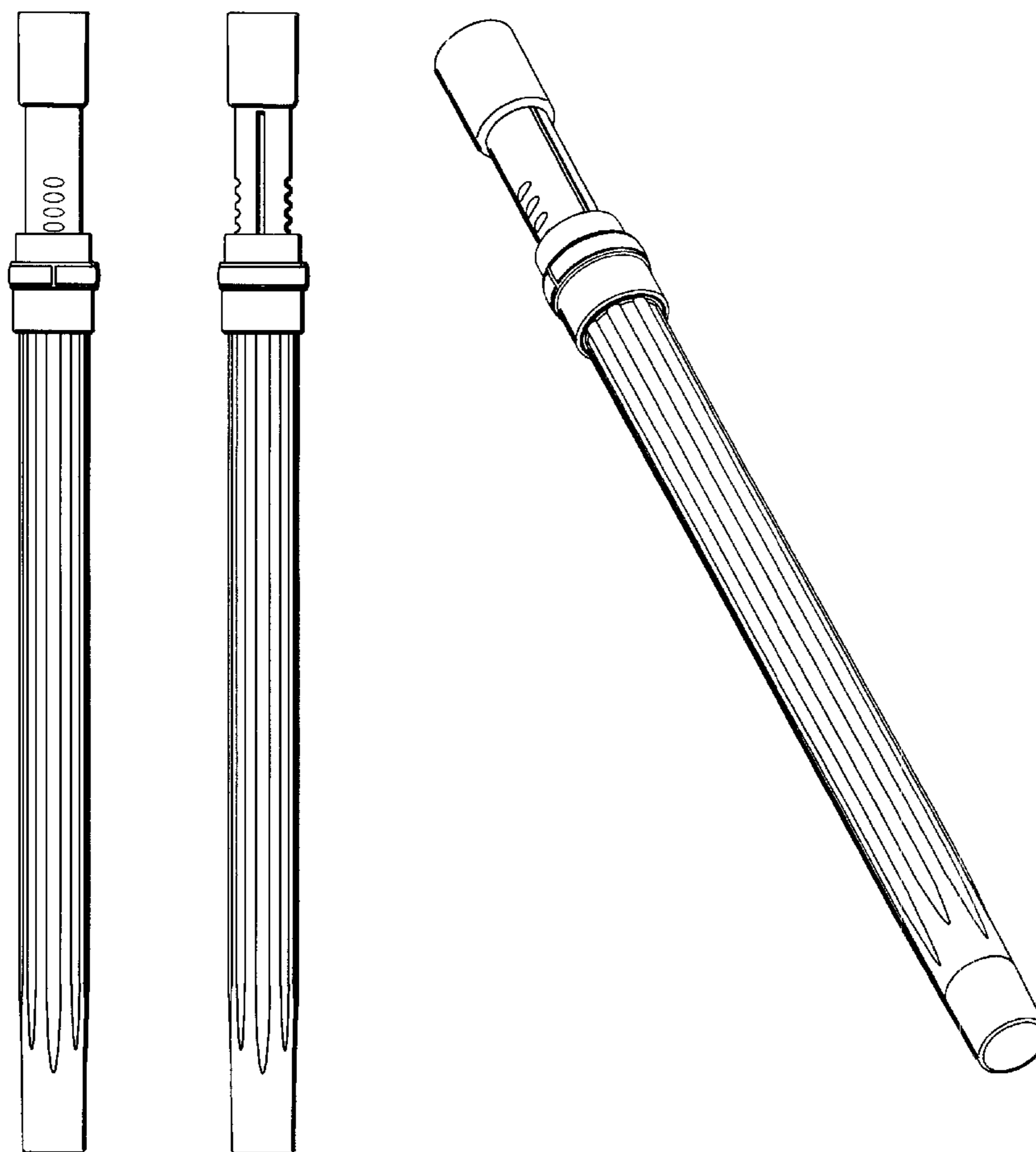
(57) **CLAIM**

The ornamental design for a pipe for vacuum cleaner, as shown.

**DESCRIPTION**

FIG. 1 to FIG. 4 are elevational views, each rotated by 90°, of the pipe for vacuum cleaner according to the invention; FIG. 5 is an elevational view of one end of said pipe for vacuum cleaner; FIG. 6 is an elevational view of the other end of said pipe for vacuum cleaner; and, FIG. 7 is a perspective view of said pipe for vacuum cleaner.

**1 Claim, 2 Drawing Sheets**



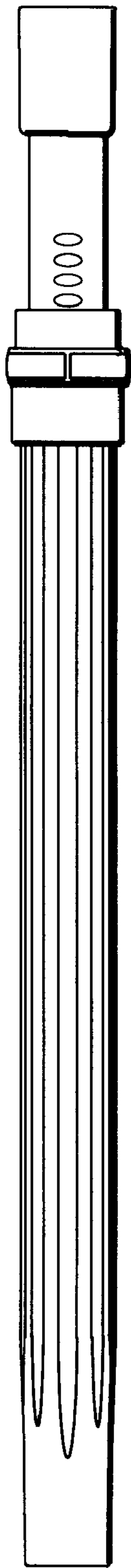


Fig. 1

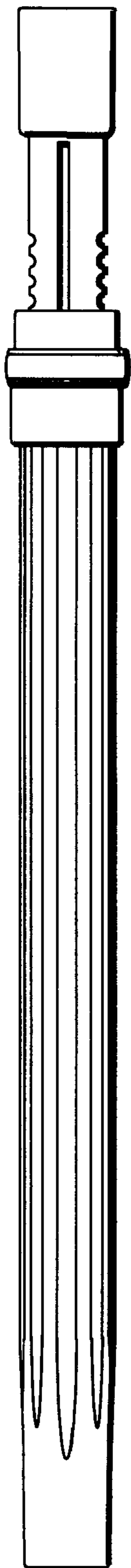


Fig. 2

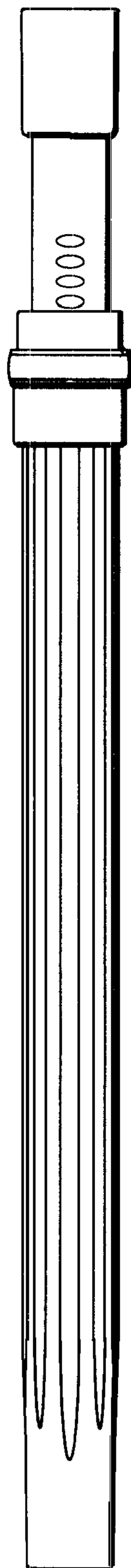


Fig. 3

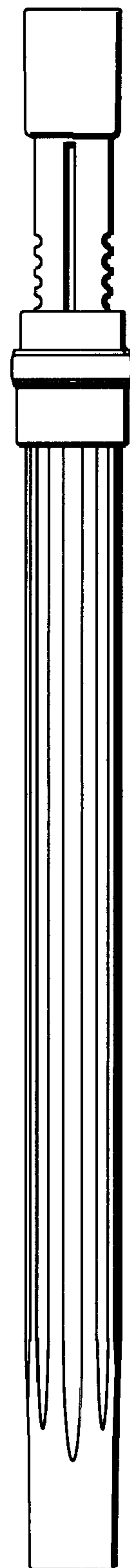


Fig. 4

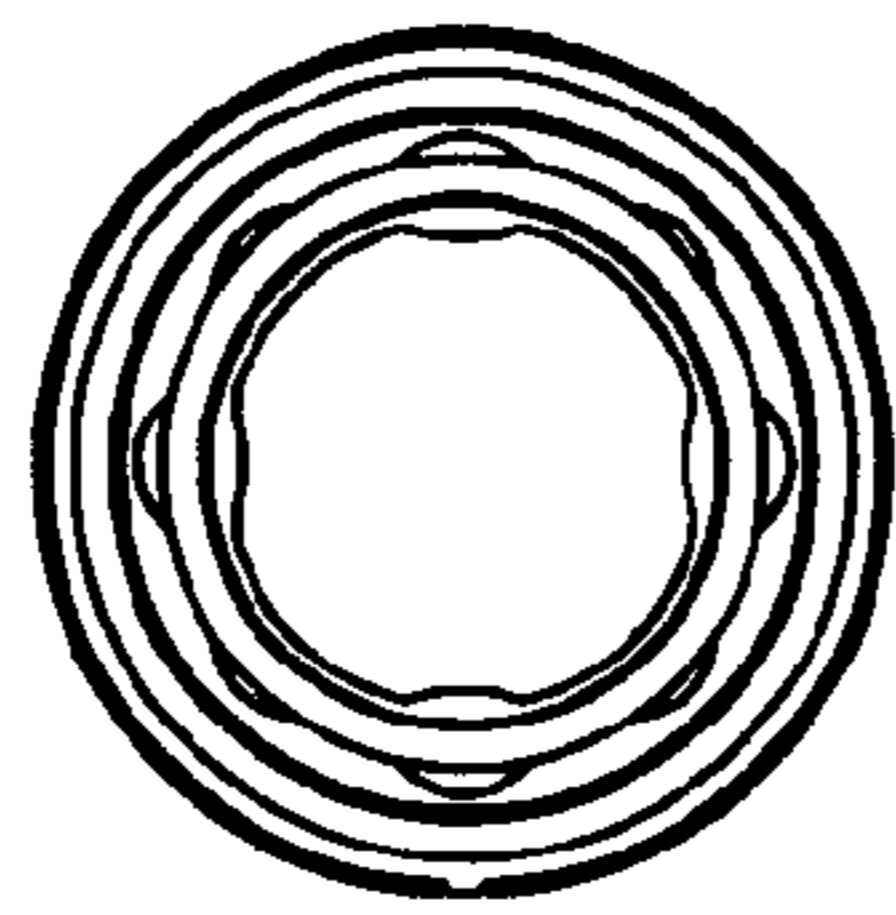


Fig. 5

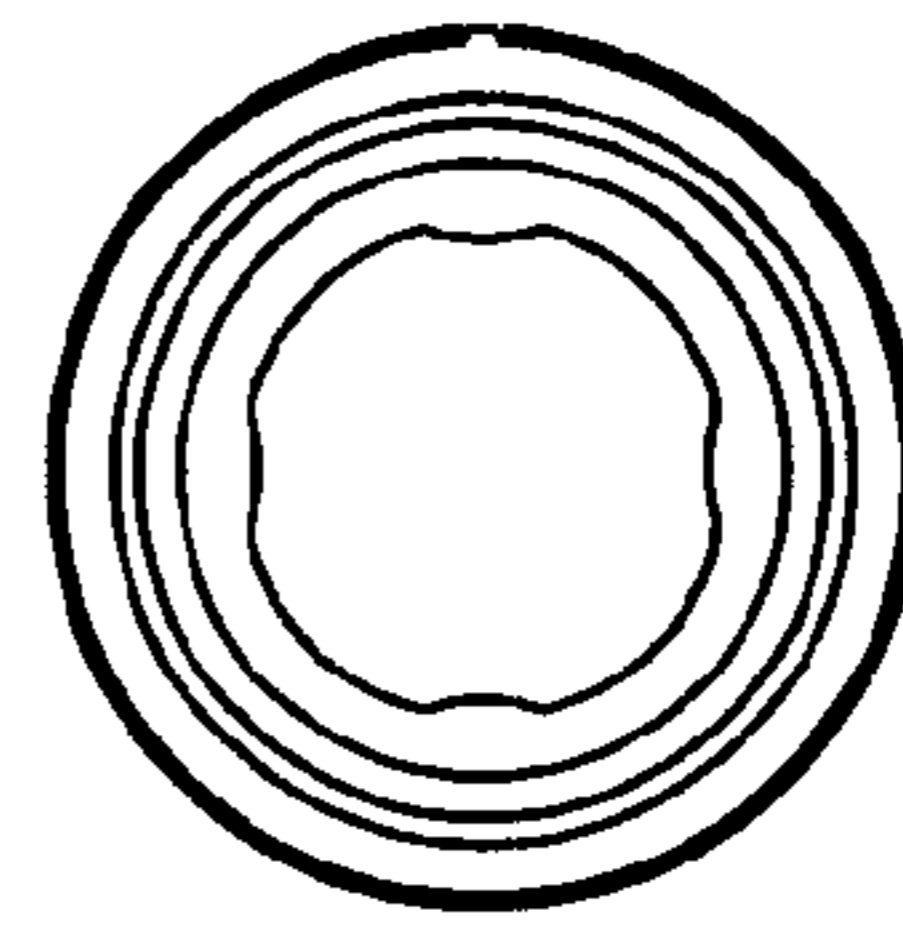


Fig. 6

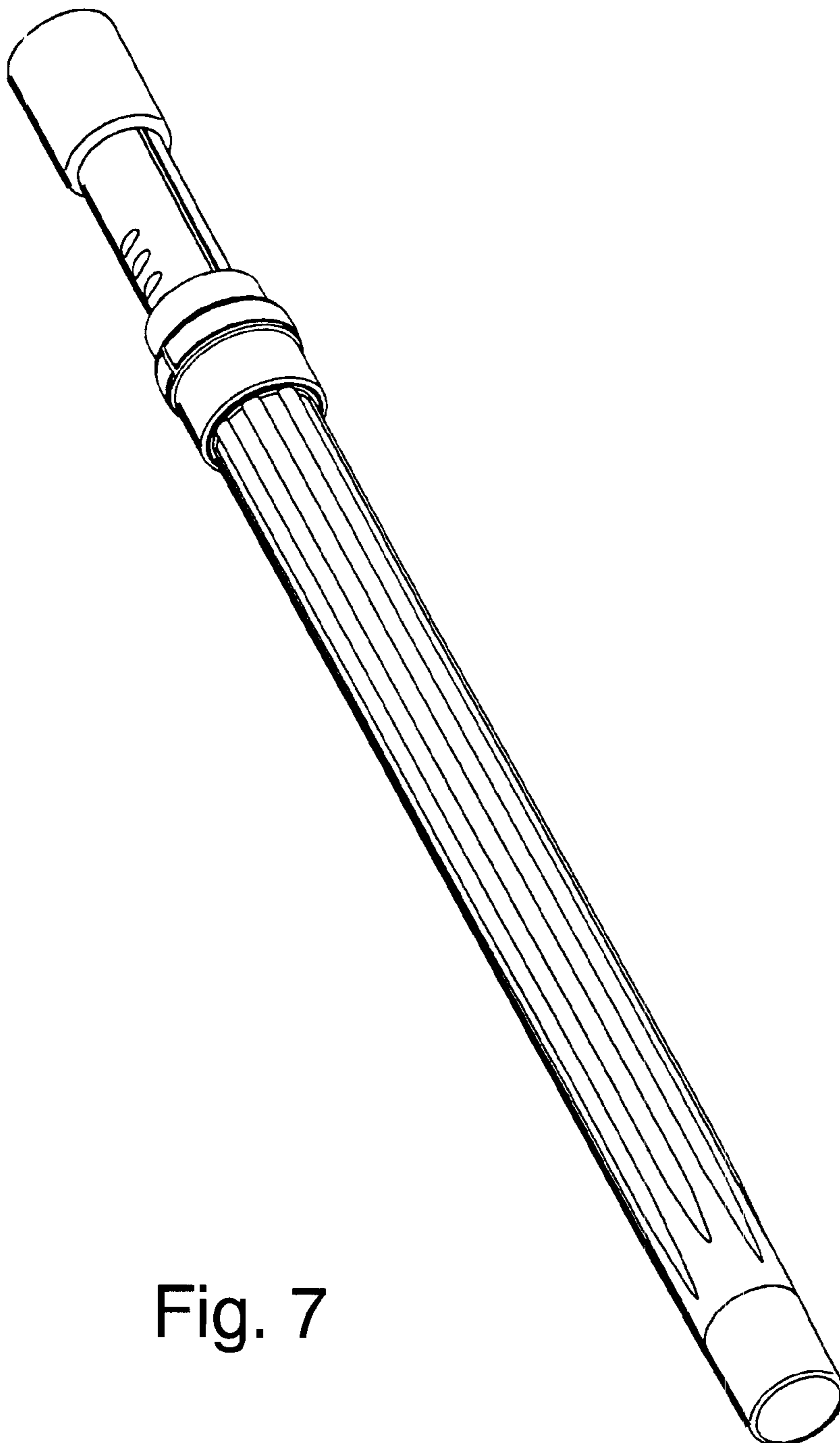


Fig. 7