



US00D417618S

# United States Patent [19]

Shanklin et al.

[11] Patent Number: Des. 417,618

[45] Date of Patent: \*\* Dec. 14, 1999

[54] **PUMP ASSEMBLY**

[75] Inventors: **Donald J. Shanklin**, Fullerton; **Ronald F. Enghard**, Mission Viejo, both of Calif.

[73] Assignee: **Hayes Products, LLC**, Buena Park, Calif.

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

[21] Appl. No.: **29/075,735**

[22] Filed: **Aug. 28, 1997**

### Related U.S. Application Data

[63] Continuation-in-part of application No. 08/812,790, Mar. 6, 1997, Pat. No. 5,816,447, and application No. 29/073,310, Jul. 3, 1997, abandoned.

[51] **LOC (6) Cl.** ..... **09-07**

[52] **U.S. Cl.** ..... **D9/448; D9/434; D23/224**

[58] **Field of Search** ..... **D9/434, 447, 448, D9/499; D8/2; D23/213, 223-226; 222/209, 385; 239/154, 333, 373**

[56] **References Cited**

#### U.S. PATENT DOCUMENTS

|            |         |                |       |          |
|------------|---------|----------------|-------|----------|
| D. 192,429 | 3/1962  | Ridenour       | ..... | D23/224  |
| D. 213,179 | 1/1969  | Clevenger      | ..... | D9/448   |
| D. 282,770 | 2/1986  | Tada           | ..... | D23/224  |
| D. 327,647 | 7/1992  | Lemme          | ..... | D9/448 X |
| 1,417,951  | 5/1922  | Staples et al. | .     |          |
| 1,730,684  | 10/1929 | Phillips       | .     |          |
| 1,814,504  | 7/1931  | Collins        | .     |          |
| 2,048,142  | 7/1936  | Santurello     | .     |          |
| 2,341,031  | 2/1944  | Flynn          | .     |          |
| 2,342,288  | 2/1944  | Mai            | .     |          |
| 2,521,164  | 9/1950  | Hayes          | .     |          |
| 2,881,810  | 4/1959  | Breitenstein   | .     |          |
| 3,299,960  | 1/1967  | Stern          | .     |          |
| 3,792,800  | 2/1974  | Capra et al.   | .     |          |
| 3,797,748  | 3/1974  | Nozawa et al.  | .     |          |
| 3,901,414  | 8/1975  | Capra et al.   | .     |          |
| 3,901,449  | 8/1975  | Bochmann       | .     |          |
| 3,921,861  | 11/1975 | Kondo          | .     |          |
| 3,940,029  | 2/1976  | Horvath        | .     |          |

|           |         |                  |   |  |
|-----------|---------|------------------|---|--|
| 4,105,145 | 8/1978  | Capra            | . |  |
| 4,109,832 | 8/1978  | Kutik et al.     | . |  |
| 4,155,489 | 5/1979  | Steiman          | . |  |
| 4,167,941 | 9/1979  | Capra et al.     | . |  |
| 4,174,055 | 11/1979 | Capra et al.     | . |  |
| 4,176,764 | 12/1979 | Capra et al.     | . |  |
| 4,183,449 | 1/1980  | Blake            | . |  |
| 4,192,464 | 3/1980  | Bochmann         | . |  |
| 4,210,261 | 7/1980  | Trujillo et al.  | . |  |
| 4,222,500 | 9/1980  | Capra et al.     | . |  |
| 4,222,501 | 9/1980  | Hammett et al.   | . |  |
| 4,231,493 | 11/1980 | Kutik et al.     | . |  |
| 4,235,353 | 11/1980 | Capra et al.     | . |  |
| 4,260,082 | 4/1981  | Rooney et al.    | . |  |
| 4,271,990 | 6/1981  | Kutik et al.     | . |  |
| 4,325,499 | 4/1982  | Shay             | . |  |
| 4,325,500 | 4/1982  | Shay             | . |  |
| 4,325,501 | 4/1982  | Shay             | . |  |
| 4,392,594 | 7/1983  | Swett et al.     | . |  |
| 4,524,888 | 6/1985  | Tada             | . |  |
| 4,809,878 | 3/1989  | Rainey           | . |  |
| 4,872,595 | 10/1989 | Hammett et al.   | . |  |
| 4,899,913 | 2/1990  | Ruscitti et al.  | . |  |
| 4,901,878 | 2/1990  | Humphries        | . |  |
| 5,183,189 | 2/1993  | Baudin           | . |  |
| 5,381,932 | 1/1995  | Humphrey         | . |  |
| 5,395,032 | 3/1995  | Fuchs            | . |  |
| 5,419,463 | 5/1995  | Mizushima et al. | . |  |
| 5,429,275 | 7/1995  | Katz             | . |  |
| 5,469,993 | 11/1995 | Hauf et al.      | . |  |
| 5,497,944 | 3/1996  | Weston et al.    | . |  |

#### FOREIGN PATENT DOCUMENTS

|           |        |                    |   |
|-----------|--------|--------------------|---|
| 0583902A1 | 2/1994 | European Pat. Off. | . |
| 935738    | 8/1993 | South Africa       | . |
| 963912    | 7/1964 | United Kingdom     | . |
| 2269796A  | 2/1994 | United Kingdom     | . |
| WO9403278 | 2/1994 | WIPO               | . |

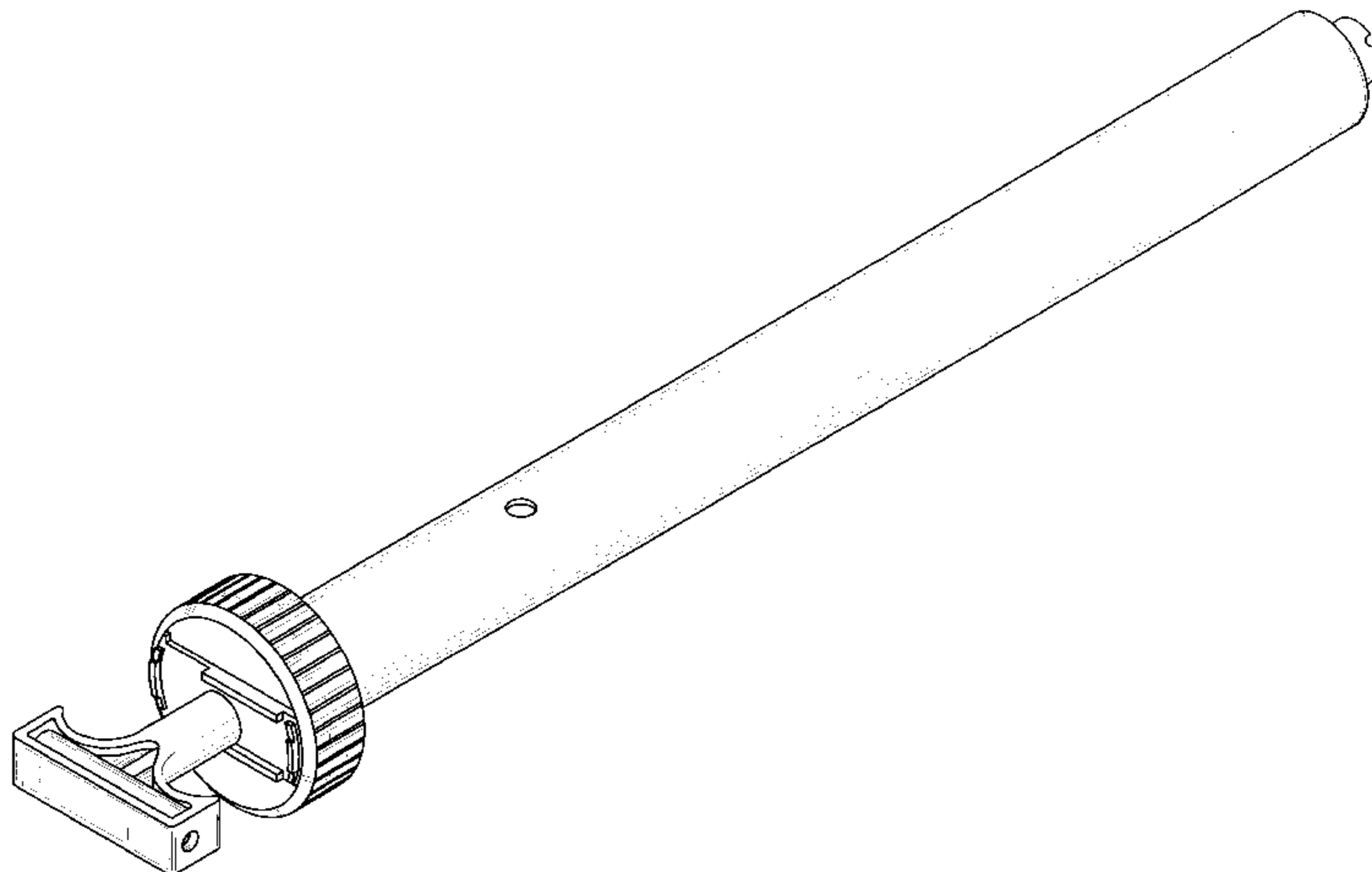
*Primary Examiner*—Cathron B. Matta  
*Attorney, Agent, or Firm*—Knobbe, Martens, Olson and Bear, LLP

[57] **CLAIM**

The ornamental design for a pump assembly, as shown and described.

#### DESCRIPTION

FIG. 1 is a perspective view of a pump illustrating one



embodiment of our new design. The portions of the pump located on the bottom surfaces and not shown in the drawings form no part of the claimed design;

FIG. 2 is a front elevational view of the pump of FIG. 1;

FIG. 3 is a top plan view of the pump of FIG. 1;

FIG. 4 is a rear elevational view of the pump of FIG. 1; FIG. 5 is a right elevational view of the pump of FIG. 1; and, FIG. 6 is a left elevational view of the pump of FIG. 1.

**1 Claim, 2 Drawing Sheets**

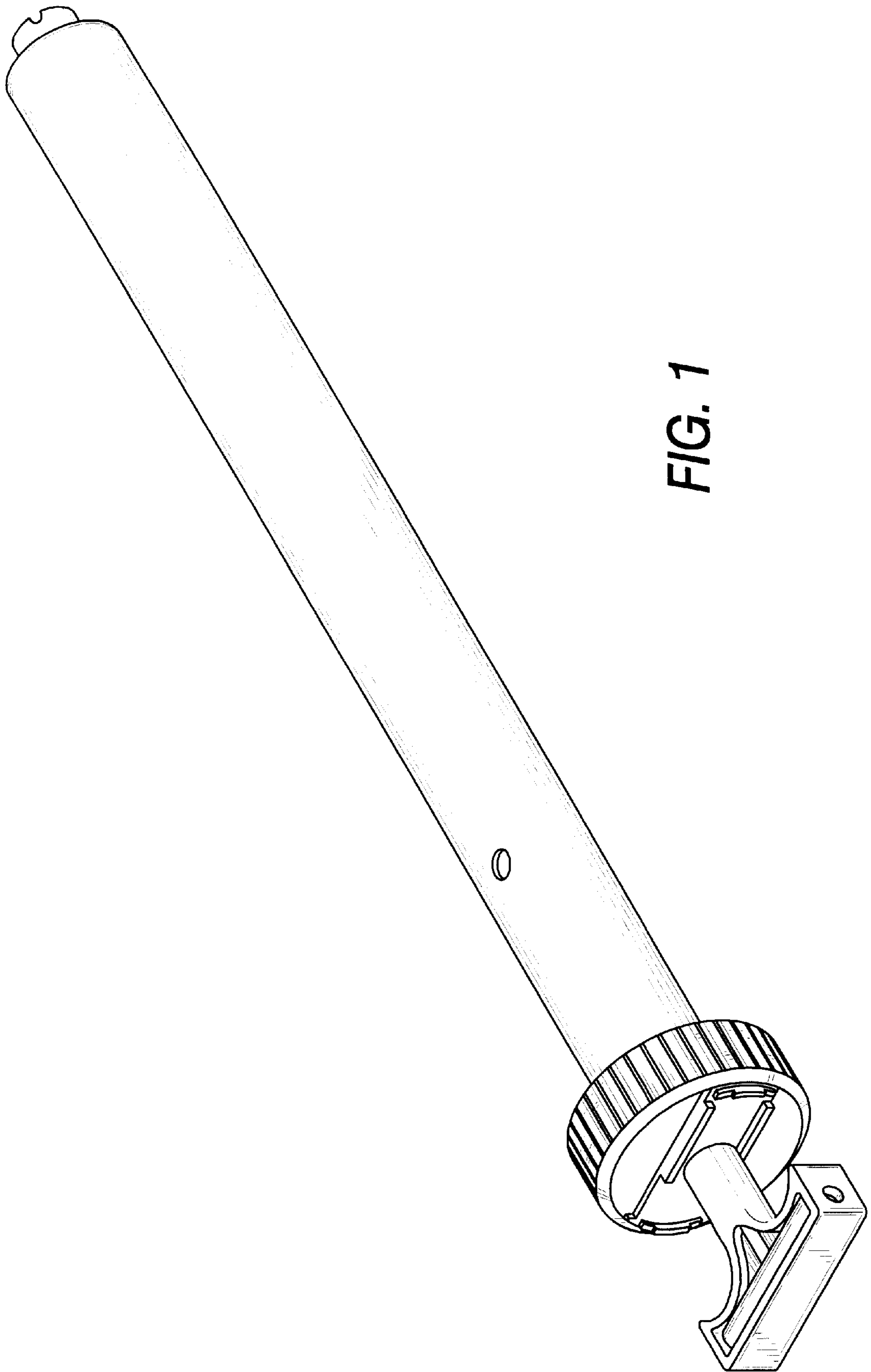
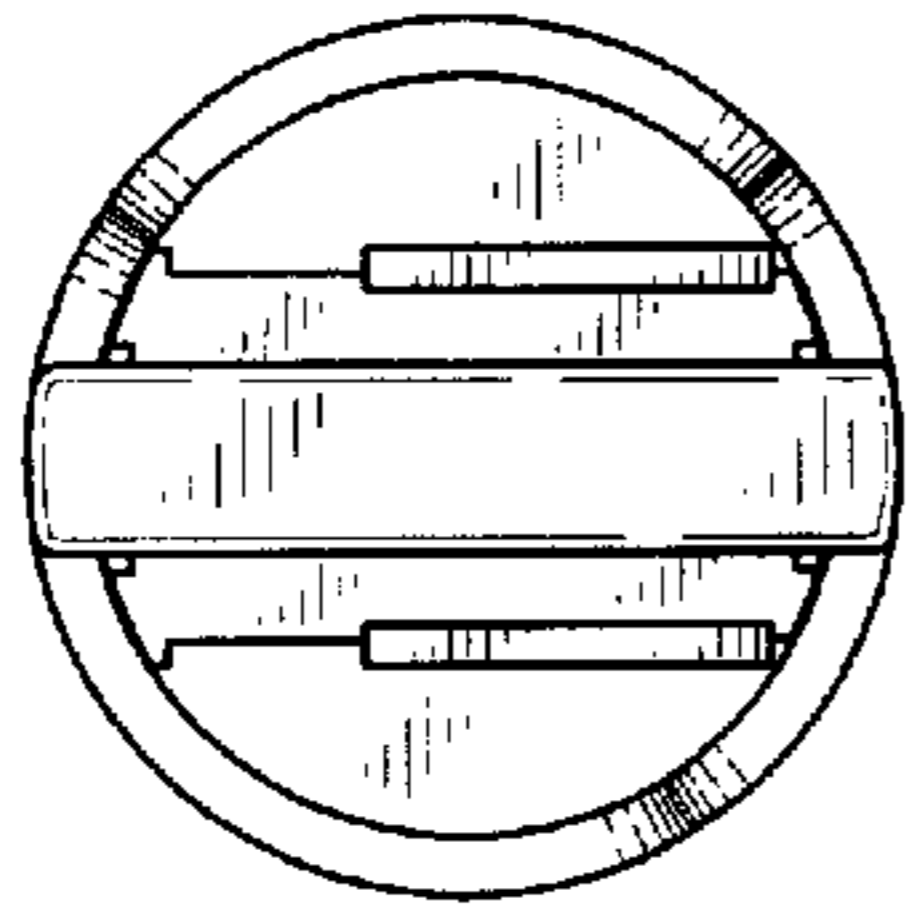
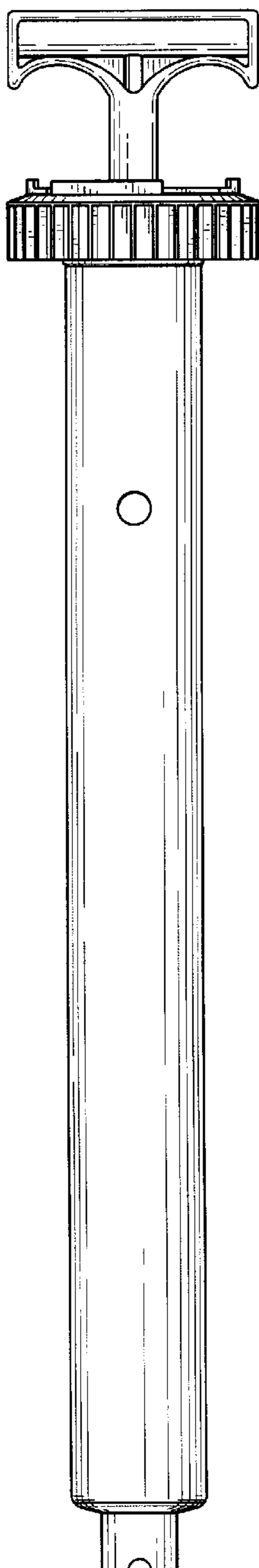


FIG. 1

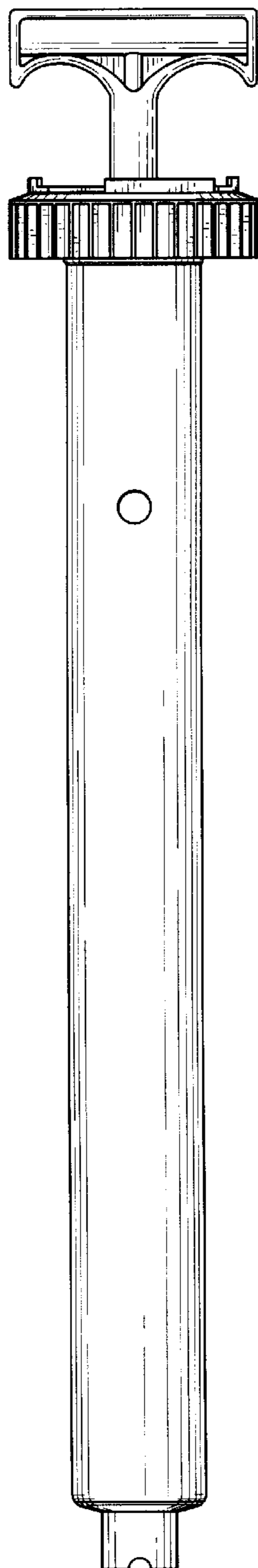
**FIG. 3**



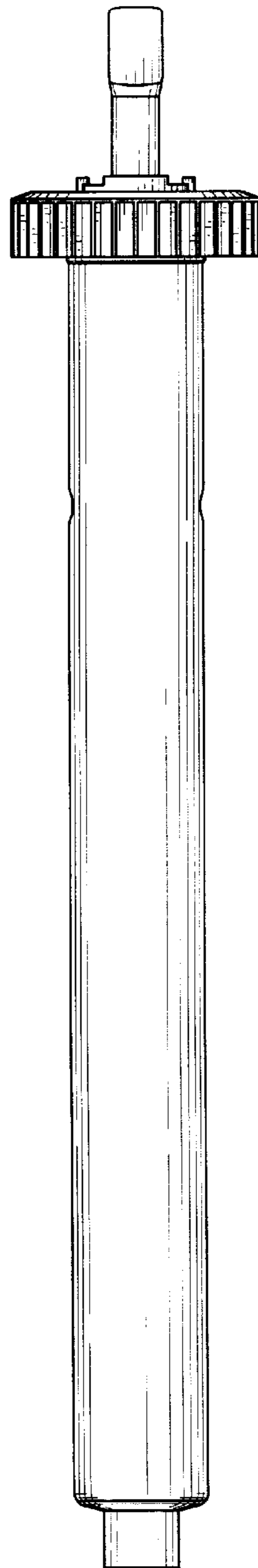
**FIG. 2**



**FIG. 4**



**FIG. 5**



**FIG. 6**

