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

(10) **Patent No.:** **US D468,696 S**

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(54) **CO-AXIAL CABLE CONNECTOR**

(75) Inventor: **Noah Montena**, Syracuse, NY (US)

(73) Assignee: **John Mezzalingua Associates, Inc.**,
East Syracuse, NY (US)

(**) Term: **14 Years**

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(52) **U.S. Cl.** **D13/151**

(58) **Field of Search** **D13/133, 151;**
439/578, 583, 584, 805

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|-------------|----------|---------------|---------|
| 2,258,737 A | 10/1941 | Browne | |
| 3,184,706 A | 5/1965 | Atkins | |
| 3,275,913 A | 9/1966 | Blanchard | |
| 3,355,698 A | 11/1967 | Keller | |
| 3,406,373 A | 10/1968 | Forney | |
| 3,498,647 A | 3/1970 | Schroder | |
| 3,501,737 A | * 3/1970 | Harris et al. | 439/584 |
| 3,581,269 A | * 5/1971 | Frey et al. | 439/584 |
| 3,629,792 A | 12/1971 | Dorrell | |
| 3,671,922 A | 6/1972 | Zerlin | |
| 3,710,005 A | 1/1973 | French | |
| 3,845,453 A | 10/1974 | Hemmer | |
| 3,879,102 A | * 4/1975 | Horak | 439/89 |
| 3,915,539 A | 10/1975 | Collins | |
| 3,936,132 A | 2/1976 | Hutter | |
| 3,985,418 A | 10/1976 | Spinner | |
| 4,046,451 A | 9/1977 | Juds | |
| 4,053,200 A | 10/1977 | Pugner | |
| 4,059,330 A | 11/1977 | Shirey | |
| 4,126,372 A | 11/1978 | Hashimoto | |
| 4,156,554 A | * 5/1979 | Aujla | 439/584 |
| 4,168,921 A | 9/1979 | Blanchard | |
| 4,227,765 A | 10/1980 | Neumann | |
| 4,280,749 A | 7/1981 | Hemmer | |
| 4,339,166 A | 7/1982 | Dayton | |
| 4,346,958 A | 8/1982 | Blanchard | |
| 4,373,767 A | 2/1983 | Cairns | |

| | | |
|-------------|---------|-----------|
| 4,400,050 A | 8/1983 | Hayward |
| 4,408,822 A | 10/1983 | Nikitas |
| 4,444,453 A | 4/1984 | Kirby |
| 4,484,792 A | 11/1984 | Tengler |
| 4,533,191 A | 8/1985 | Blackwood |
| 4,545,637 A | 10/1985 | Bosshard |
| 4,575,274 A | 3/1986 | Hayward |
| 4,583,811 A | 4/1986 | McMills |
| 4,596,435 A | 6/1986 | Bickford |
| 4,600,263 A | 7/1986 | DeChamp |
| 4,614,390 A | 9/1986 | Baker |
| 4,645,281 A | 2/1987 | Burger |
| 4,650,228 A | 3/1987 | McMills |
| 4,655,159 A | 4/1987 | McMills |
| 4,660,921 A | 4/1987 | Hauver |
| 4,668,043 A | 5/1987 | Saba |
| 4,674,818 A | 6/1987 | McMills |
| 4,676,577 A | 6/1987 | Szegda |
| 4,691,976 A | 9/1987 | Cowen |
| 4,738,009 A | 4/1988 | Down |
| 4,746,305 A | 5/1988 | Nomura |
| 4,747,786 A | 5/1988 | Hayashi |

(List continued on next page.)

Primary Examiner—Joel Sincavage

(74) *Attorney, Agent, or Firm*—George R. McGuire;
Hancock & Estabrook, LLP

(57) **CLAIM**

The ornamental design for a co-axial cable connector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a new and ornamental design for a co-axial cable connector in its closed position, the internal details thereof being illustrated in phantom for environmental purposes only;

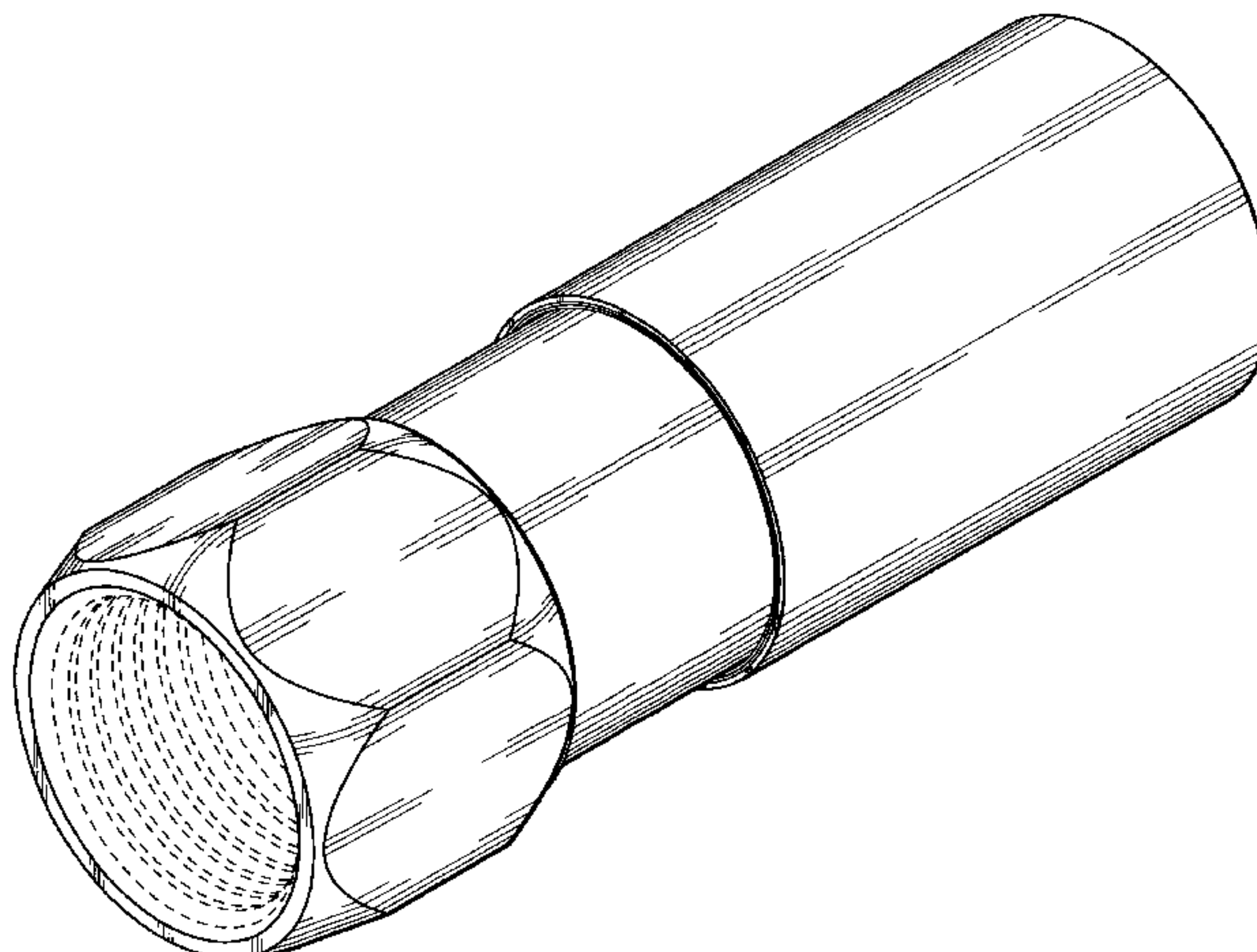
FIG. 2 is a side elevational view thereof;

FIG. 3 is a nut end view thereof;

FIG. 4 is a cable end view thereof; and,

FIG. 5 is a perspective view of the co-axial cable connector in its open position.

1 Claim, 4 Drawing Sheets



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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|---------|------------------------|----------------|---------|--------------------------|
| | | | 5,269,701 A | 12/1993 | Leibfried |
| 4,755,152 A | 7/1988 | Elliot | 5,283,853 A | 2/1994 | Szegda |
| 4,806,116 A | 2/1989 | Ackerman | 5,295,864 A | 3/1994 | Birch |
| 4,813,886 A | 3/1989 | Roos | 5,316,494 A | 5/1994 | Flanagan |
| 4,834,675 A | 5/1989 | Samchisen | 5,342,218 A | 8/1994 | McMills |
| 4,854,893 A | 8/1989 | Morris | 5,371,819 A | 12/1994 | Szegda |
| 4,857,014 A | 8/1989 | Alf | 5,371,821 A | 12/1994 | Szegda |
| 4,869,679 A | 9/1989 | Szegda | 5,371,827 A | 12/1994 | Szegda |
| 4,902,246 A | 2/1990 | Samchisen | 5,393,244 A | 2/1995 | Szegda |
| 4,906,207 A | 3/1990 | Banning | 5,431,583 A | 7/1995 | Szegda |
| 4,923,412 A | 5/1990 | Morris | 5,444,810 A | 8/1995 | Szegda |
| 4,925,403 A | 5/1990 | Zorzy | 5,455,548 A | 10/1995 | Grandchamp |
| 4,929,188 A | 5/1990 | Lionetto | 5,456,611 A | 10/1995 | Henry |
| 4,990,104 A | 2/1991 | Schieferly | 5,456,614 A | 10/1995 | Szegda |
| 4,990,105 A | 2/1991 | Karlovich | 5,466,173 A | 11/1995 | Down |
| 4,990,106 A | 2/1991 | Szegda | 5,470,257 A | 11/1995 | Szegda |
| 5,002,503 A | 3/1991 | Campbell | 5,494,454 A | 2/1996 | Johnsen |
| 5,007,861 A * | 4/1991 | Stirling 439/578 | 5,501,616 A | 3/1996 | Holliday |
| 5,021,010 A | 6/1991 | Wright | 5,525,076 A | 6/1996 | Down |
| 5,024,606 A | 6/1991 | Ming-Hwa | 5,542,861 A | 8/1996 | Anhalt |
| 5,037,328 A | 8/1991 | Karlovich | 5,548,088 A | 8/1996 | Gray |
| 5,062,804 A | 11/1991 | Jamet | 5,598,132 A | 1/1997 | Stabile |
| 5,066,248 A | 11/1991 | Gaver, Jr. | 5,651,699 A | 7/1997 | Holliday |
| 5,073,129 A | 12/1991 | Szegda | 5,662,489 A * | 9/1997 | Stirling 439/578 X |
| 5,083,943 A | 1/1992 | Tarrant | 5,667,405 A | 9/1997 | Holliday |
| 5,127,853 A | 7/1992 | McMills | 5,975,951 A | 11/1999 | Burris |
| 5,131,862 A | 7/1992 | Gershfeld | 5,997,350 A | 12/1999 | Burris |
| 5,141,451 A | 8/1992 | Down | 6,032,358 A | 3/2000 | Wild |
| 5,181,161 A | 1/1993 | Hirose | 6,102,737 A | 8/2000 | Gohdes |
| 5,195,906 A | 3/1993 | Szegda | 6,146,208 A * | 11/2000 | Pennell 439/578 X |
| 5,205,761 A | 4/1993 | Nilsson | D440,939 S | 4/2001 | Montena |
| 5,207,602 A | 5/1993 | McMills | 6,309,251 B1 * | 10/2001 | Tang 439/584 |
| 5,217,391 A | 6/1993 | Fisher, Jr. | D462,327 S * | 9/2002 | Montena D13/151 |
| 5,217,393 A | 6/1993 | Del Negro | | | |
| D339,568 S * | 9/1993 | Salz D13/151 | | | |

* cited by examiner

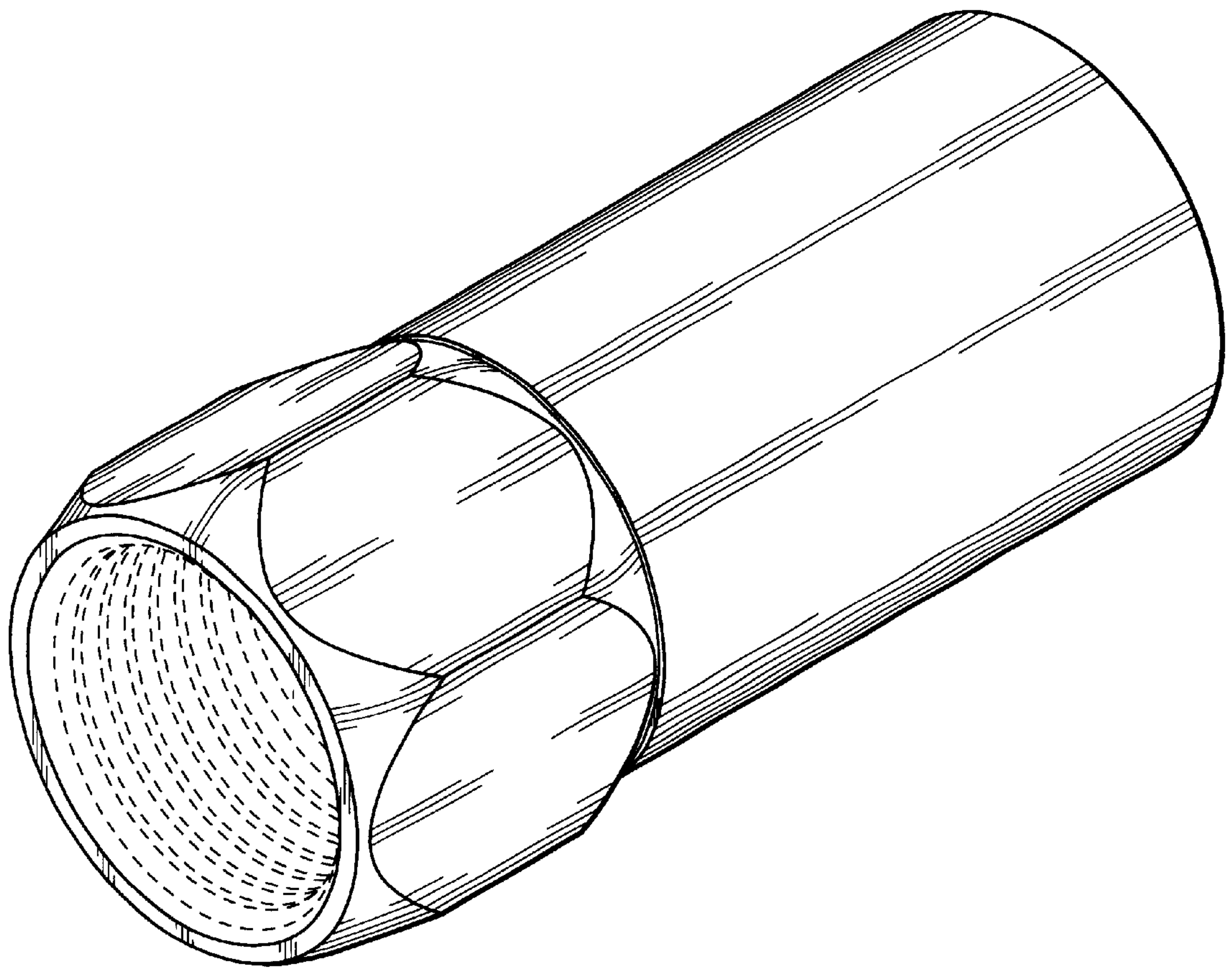


FIG. 1

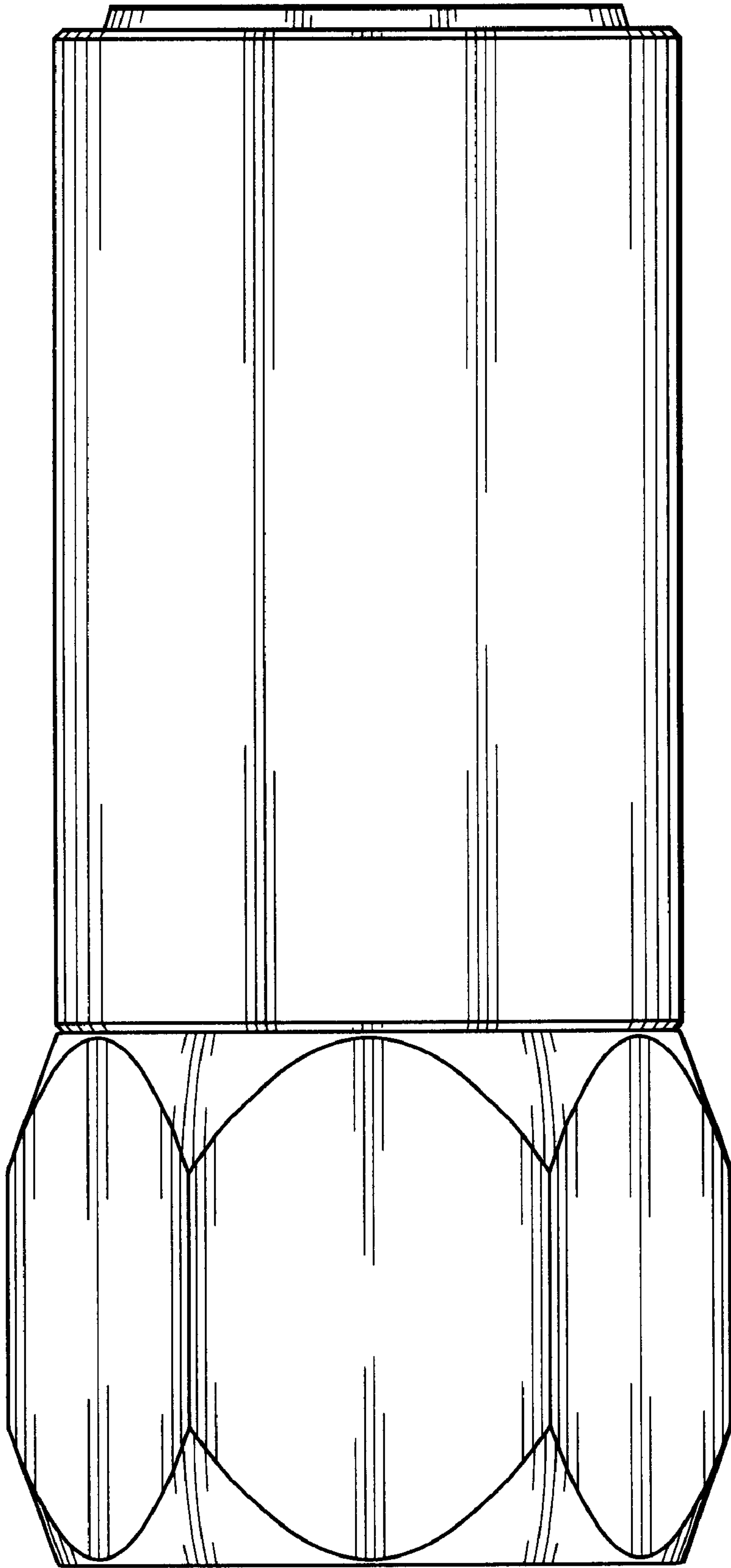


FIG. 2

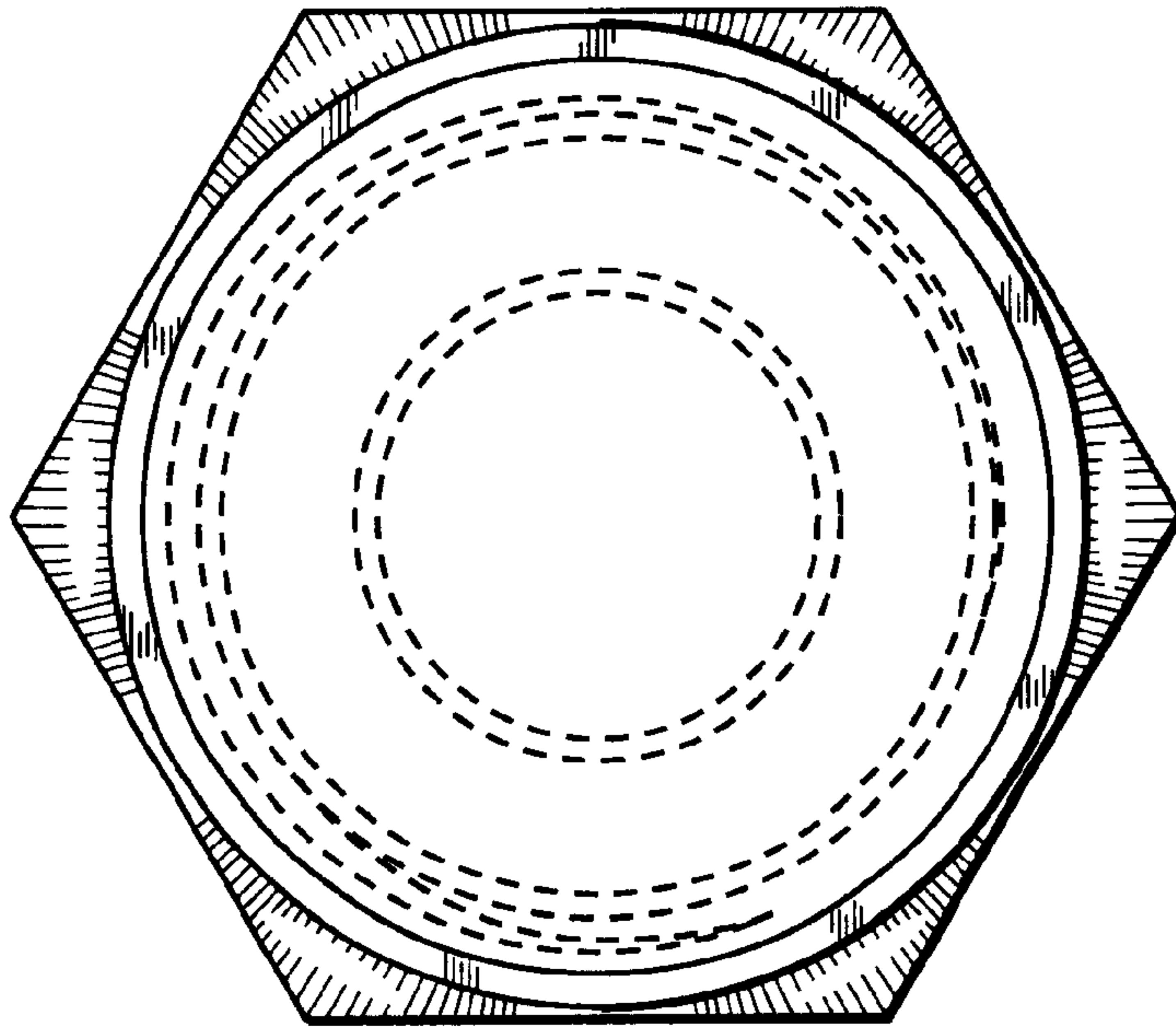


FIG. 3

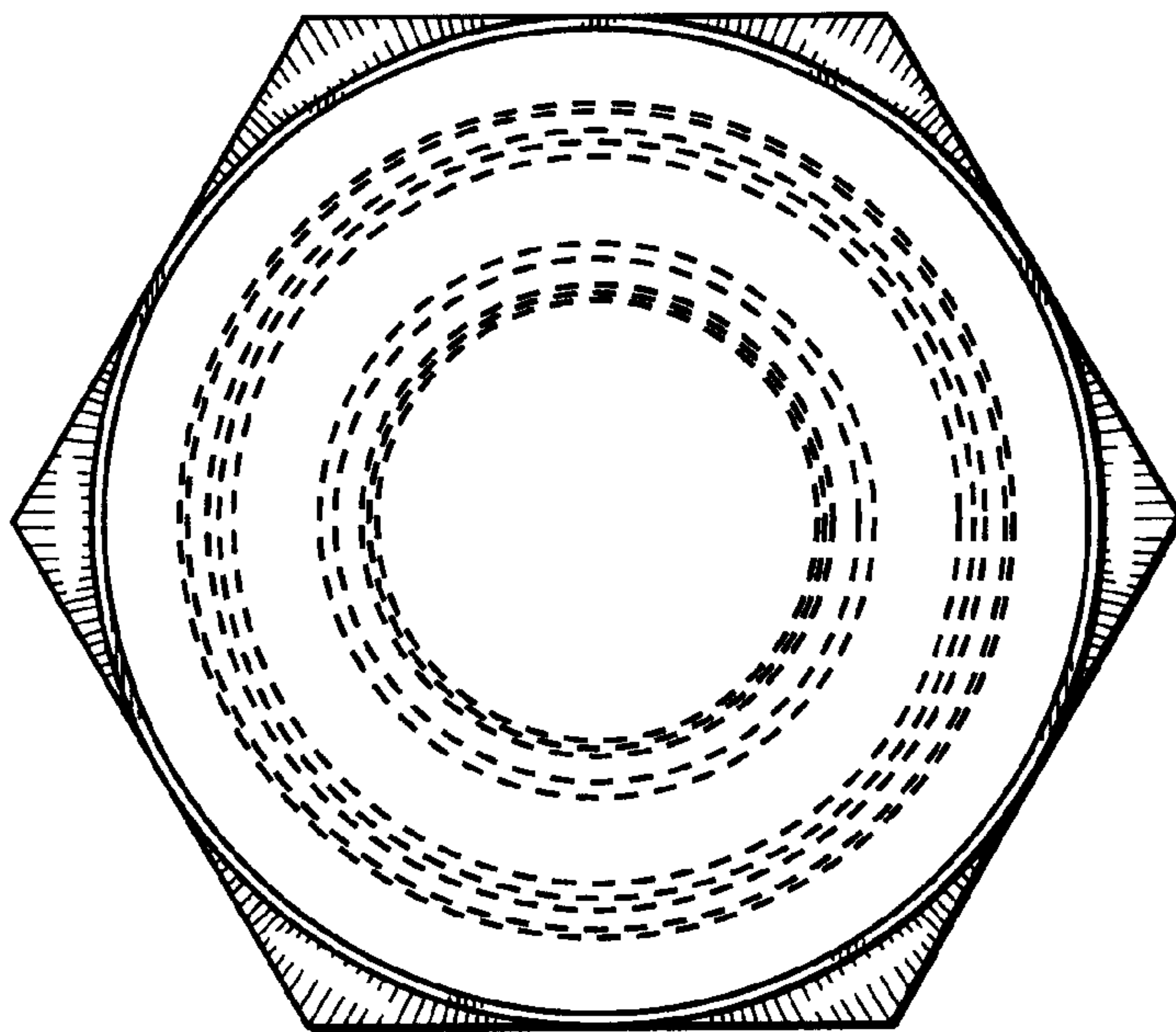


FIG. 4

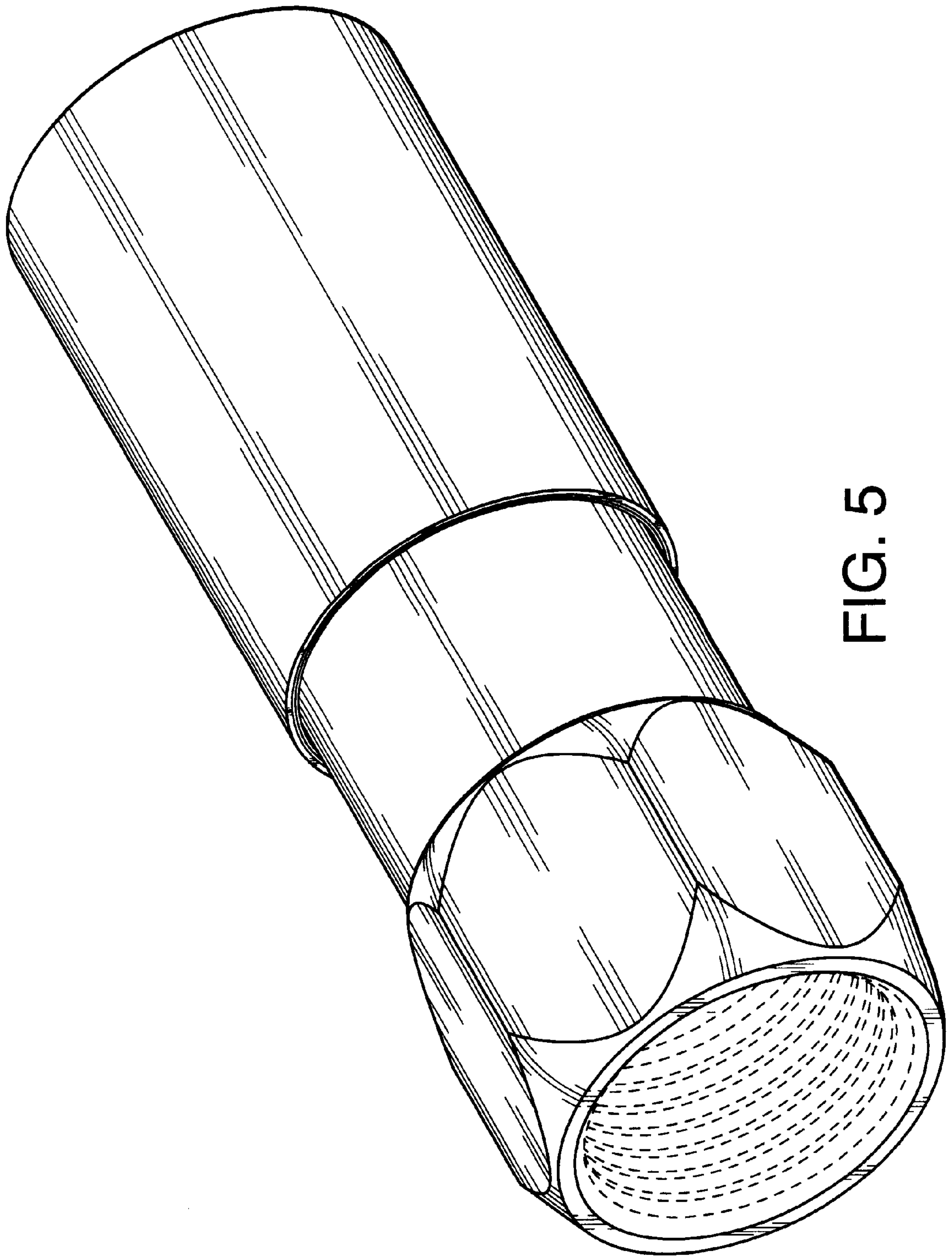


FIG. 5