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

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(54) **HOSE COUPLING WITH FERRULE**

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(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**

USPC **D23/262**

(58) **Field of Classification Search**

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137/315.23, 798; 138/28, 108–110, 118,
138/118.1, 121, 129, 155, 172–174, 96 T;
D13/133, 151; D8/382, 396; 285/53,
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285/417–419; 604/533, 538; D24/127,
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CPC F16L 37/252; F16L 59/14; F16L 17/10;
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,099,748 A	7/1978	Kavick	
D412,738 S *	8/1999	Kuwahara	D23/233
D441,436 S *	5/2001	Chao	D23/262
D473,633 S *	4/2003	Chun-Lee	D23/262
D499,465 S	12/2004	Paul, III	
D500,475 S	1/2005	Noro et al.	
D501,539 S	2/2005	Dyer, III	
D570,457 S *	6/2008	Brown	D23/262
D593,186 S	5/2009	van der Meijden et al.	
D613,372 S *	4/2010	Zore	D23/233

(Continued)

OTHER PUBLICATIONS

FITT Force Pro, The Hose Anti-Kink, Fitt USA website (www.fitt-usa.com/fitt-flow), date obtained Nov. 10, 2019, 4 pages.

(Continued)

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(57) **CLAIM**

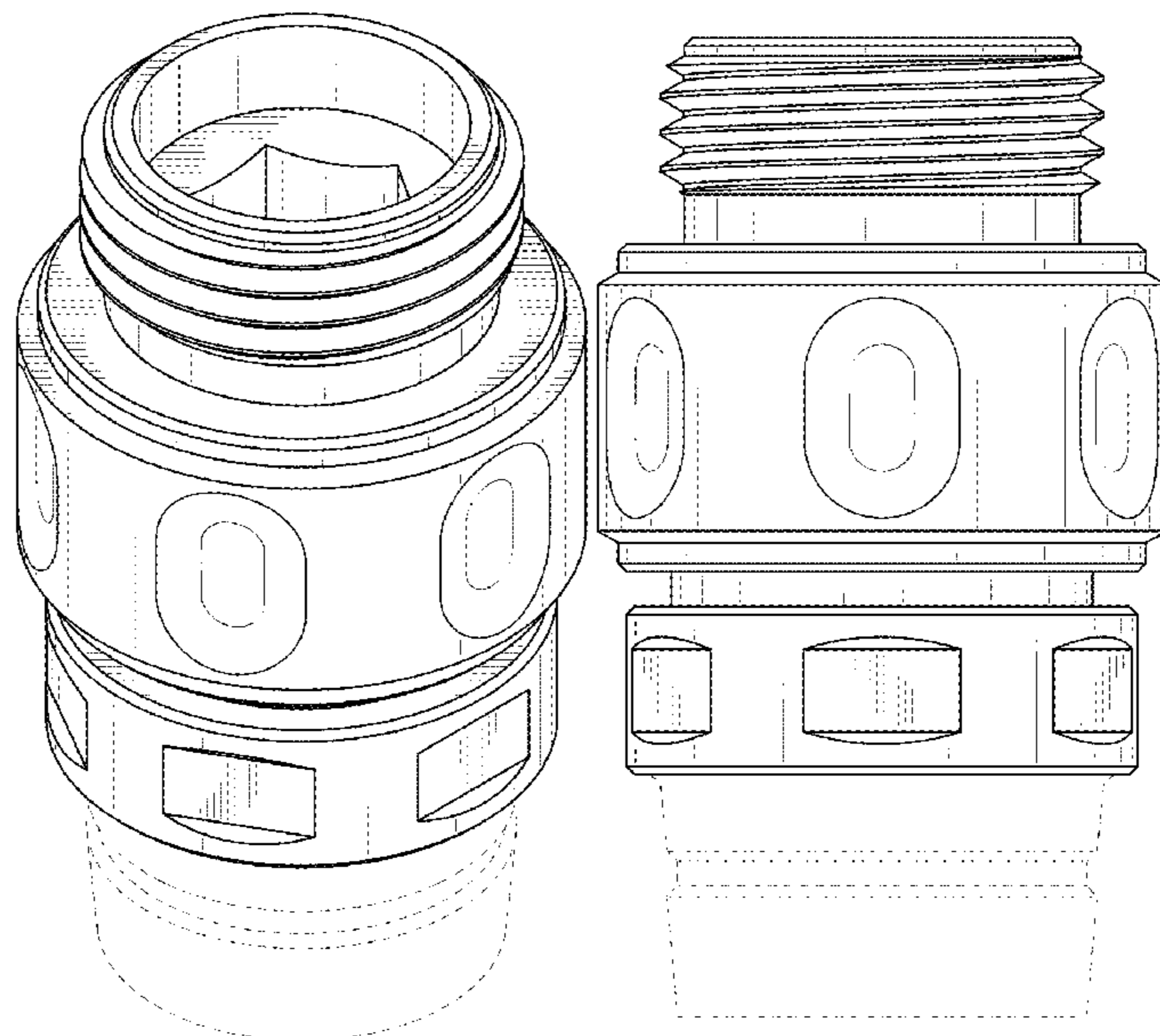
The ornamental design for the hose coupling with ferrule, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, right-side perspective view of the hose coupling with ferrule of the present invention;
FIG. 2 is a back, bottom, left-side perspective view of the hose coupling with ferrule of the present invention;
FIG. 3 is a front view of the hose coupling with ferrule of the present invention;
FIG. 4 is a back view of the hose coupling with ferrule of the present invention;
FIG. 5 is a right-side view of the hose coupling with ferrule of the present invention;
FIG. 6 is a left-side view of the hose coupling with ferrule of the present invention;
FIG. 7 is a top view of the hose coupling with ferrule of the present invention;
FIG. 8 is a bottom view of the hose coupling with ferrule of the present invention; and,
FIG. 9 is a top, front perspective view of the hose coupling with ferrule of the present invention and showing environment including a hose sleeve in broken lines.

The drawings show a hose coupling with ferrule. The broken lines shown in the drawings encompass features of a hose coupling and hose sleeve to which the hose coupling with ferrule is attached and which form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D613,373	S	*	4/2010	Zore	D23/233
D616,969	S		6/2010	Zore	
D627,038	S	*	11/2010	Yu	D23/260
D662,059	S	*	6/2012	Amidon	D13/151
D665,481	S		8/2012	Bloink et al.	
D707,334	S		6/2014	Hernandez et al.	
D709,834	S	*	7/2014	Liu	D13/151
D719,244	S	*	12/2014	Yang	D23/262
D719,646	S		12/2014	Melo	
D719,647	S		12/2014	Melo	
D723,670	S		3/2015	Lorraine	
D725,749	S		3/2015	Mezzalira et al.	
9,249,912	B2		2/2016	Flynn	
9,261,213	B2		2/2016	Mager et al.	
9,709,194	B1	*	7/2017	Pan	F16L 11/20
D832,094	S	*	10/2018	Omori	D8/397
D833,585	S		11/2018	Khubani	
D854,128	S		7/2019	Norton et al.	
D863,021	S		10/2019	Papafagos	
D879,250	S	*	3/2020	Glaser	D23/233
D881,356	S		4/2020	Mezzalira	
2007/0113912	A1		5/2007	Lawrence	
2014/0246851	A1		9/2014	Mager et al.	
2017/0146168	A1		5/2017	Caprio et al.	
2017/0363236	A1		12/2017	Rose et al.	

OTHER PUBLICATIONS

FITT Force Pro, The Hose Couplings, Fitt USA website (www.fitt-usa.com/fitt-flow), date obtained Nov. 10, 2019, 3 pages.

* cited by examiner

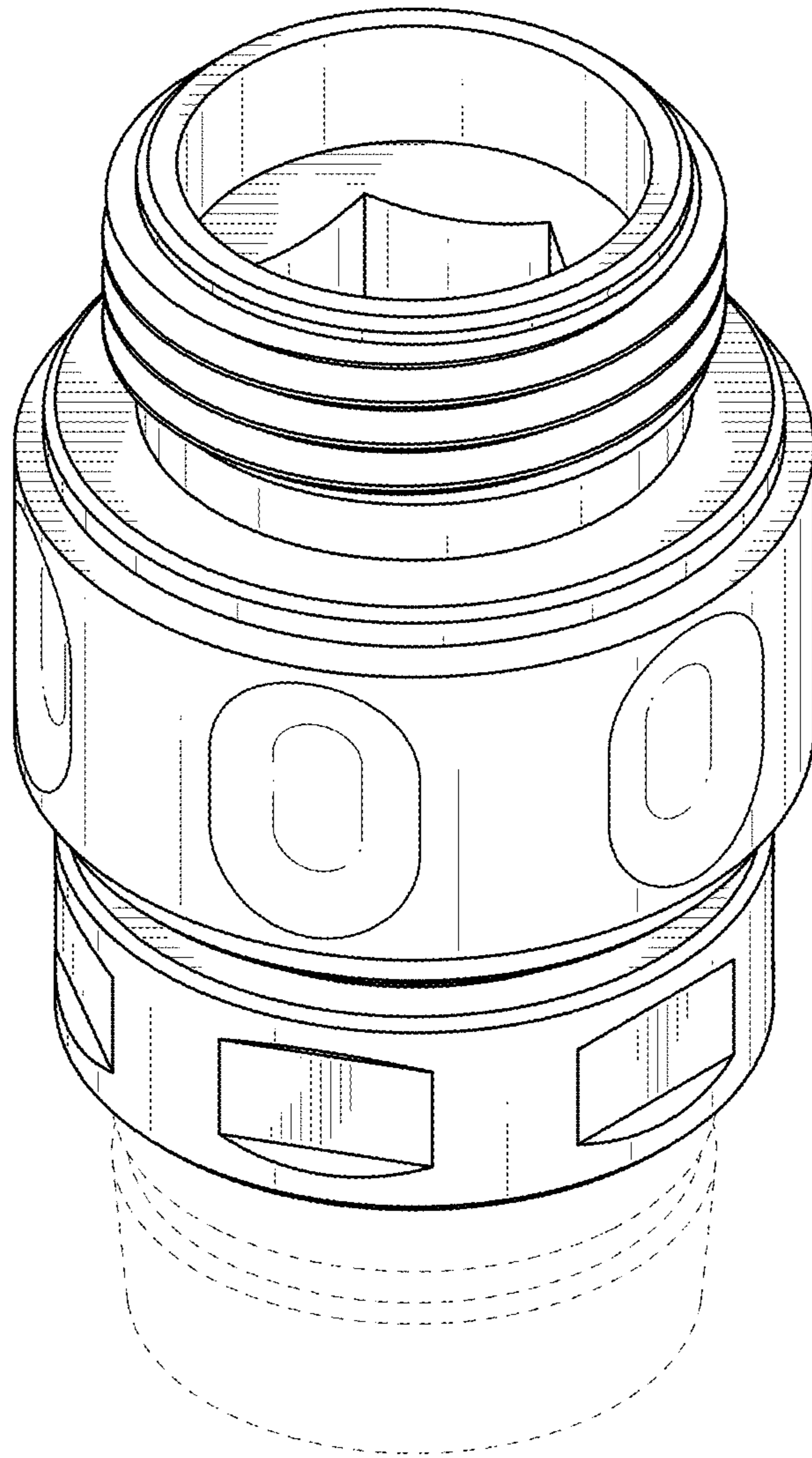


FIG. 1

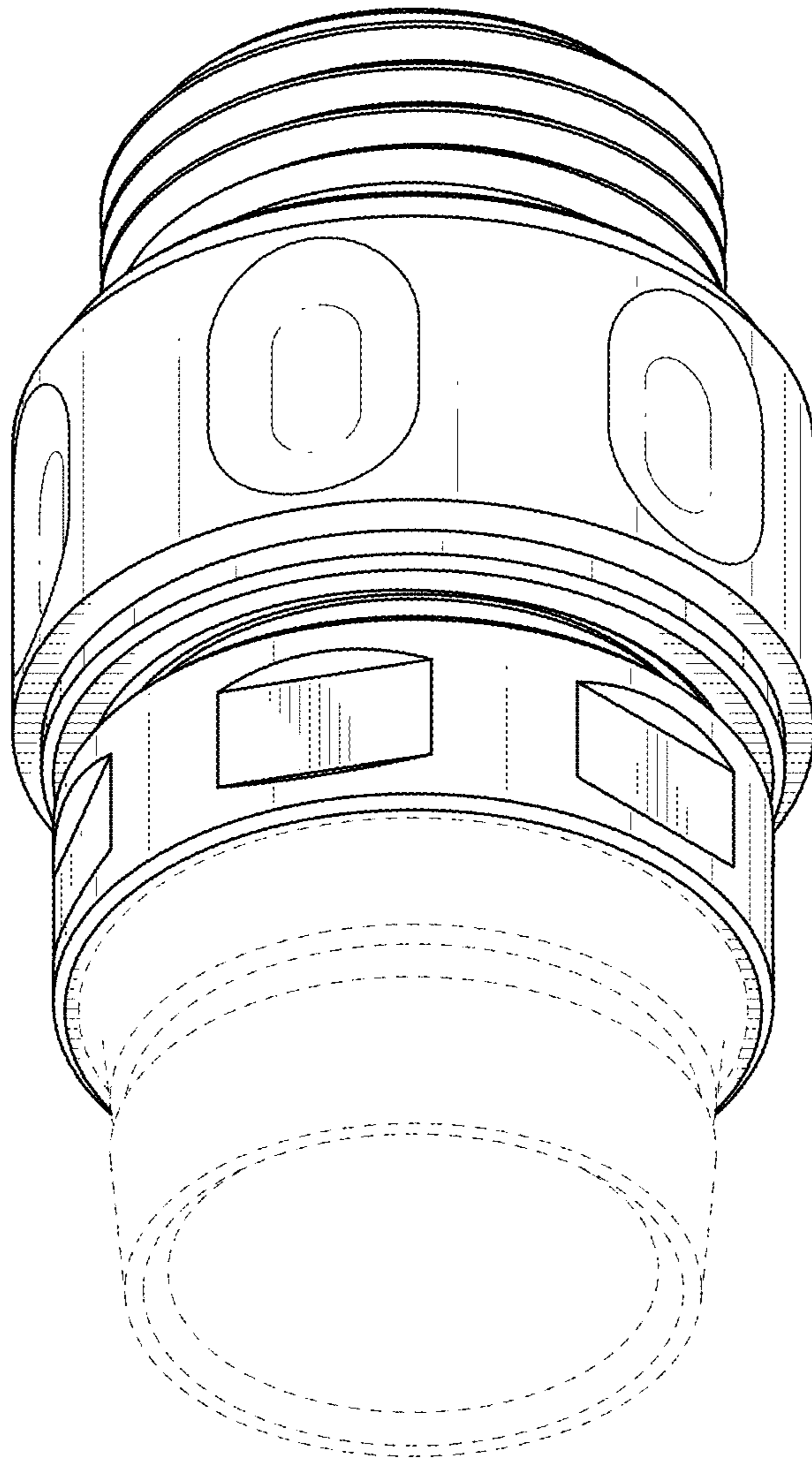


FIG. 2

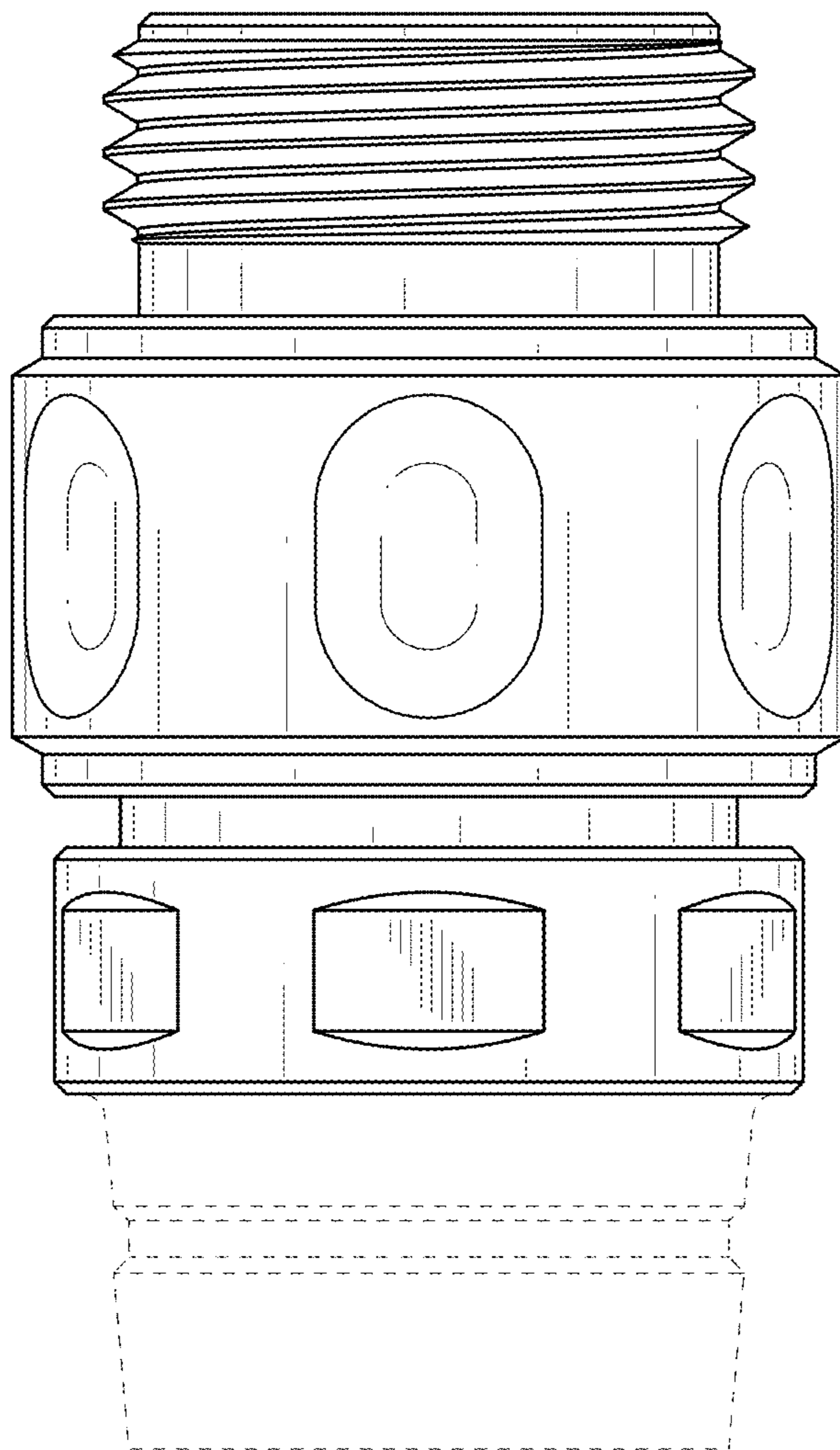


FIG. 3

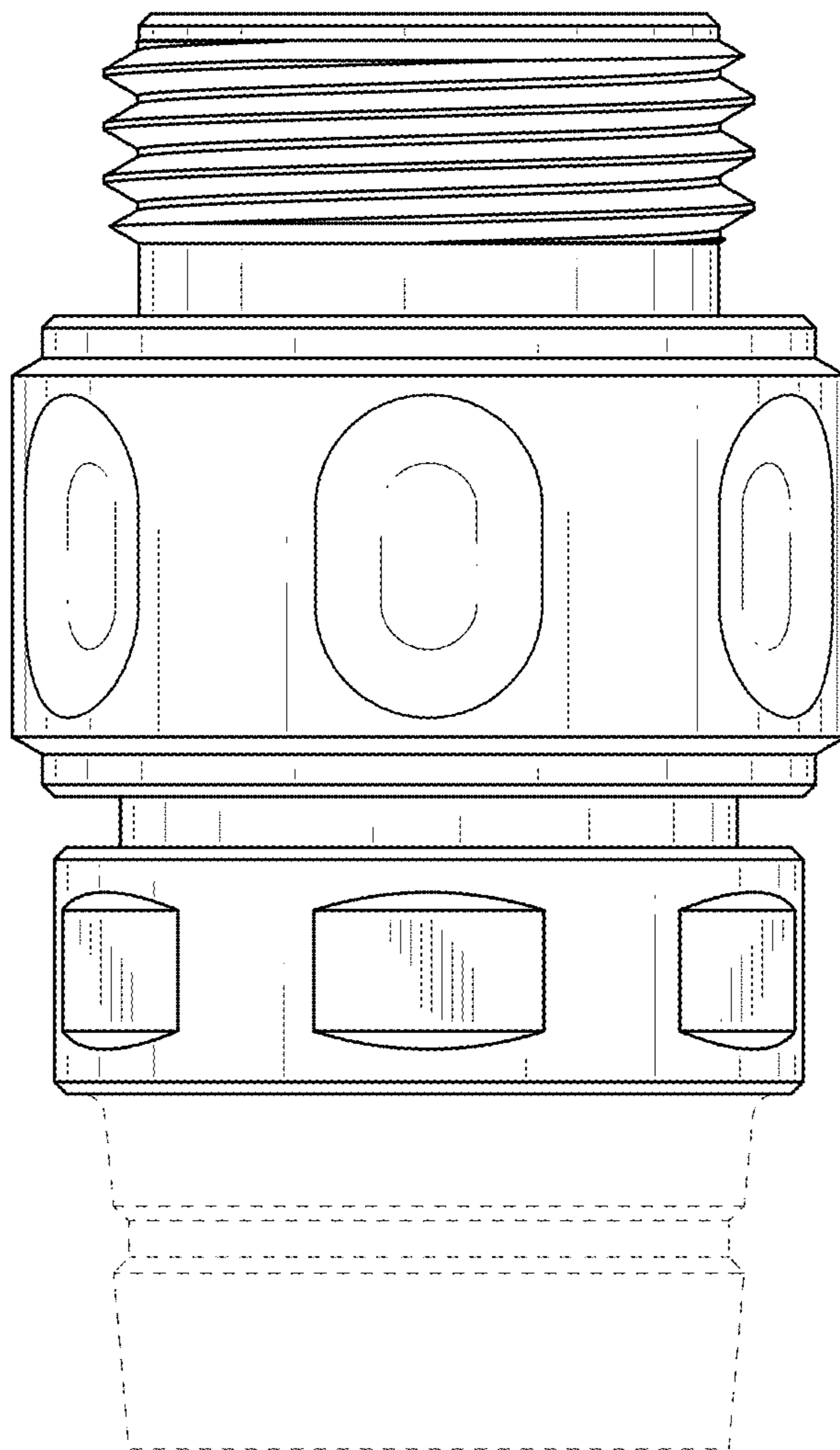


FIG. 4

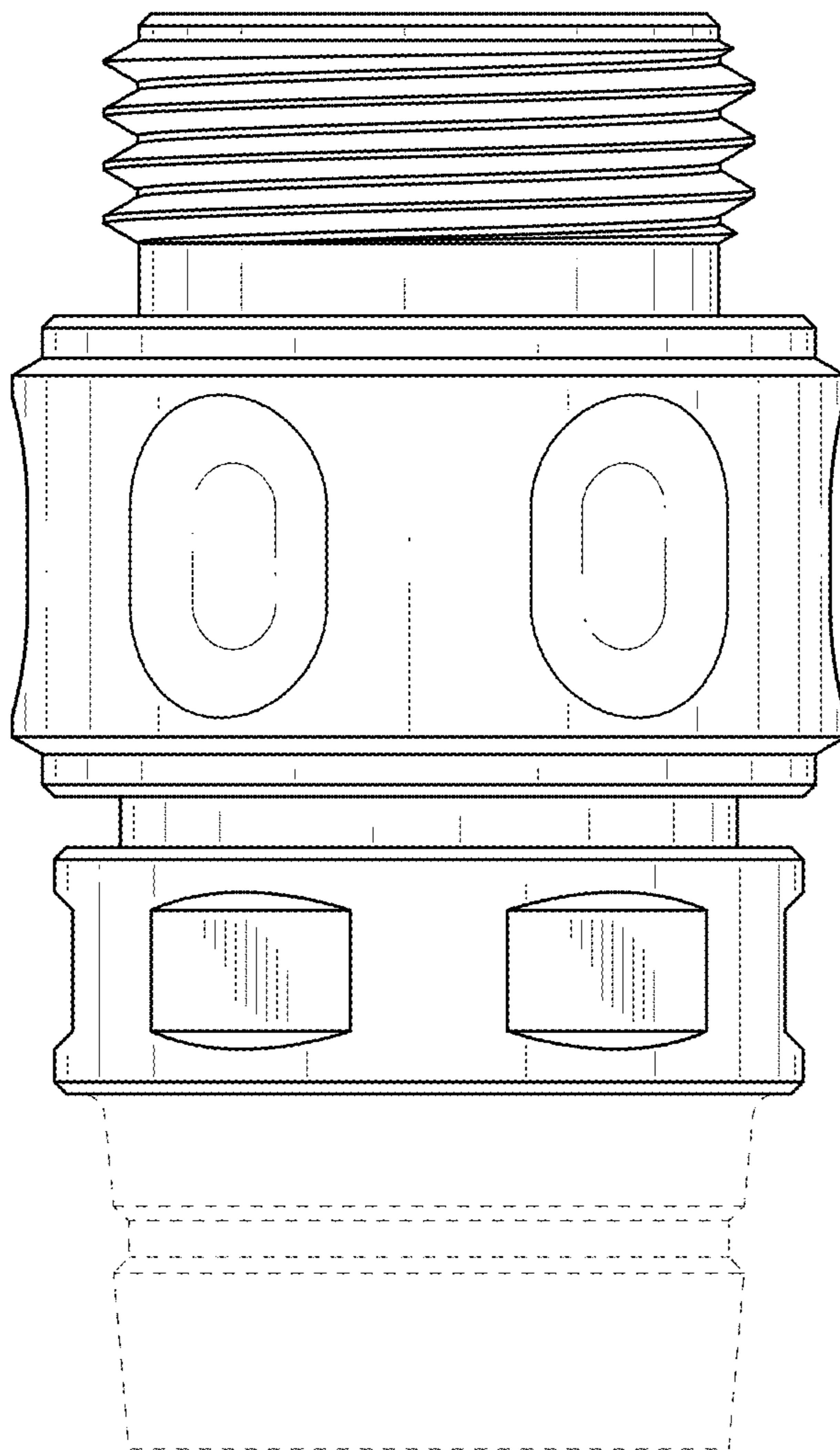


FIG. 5

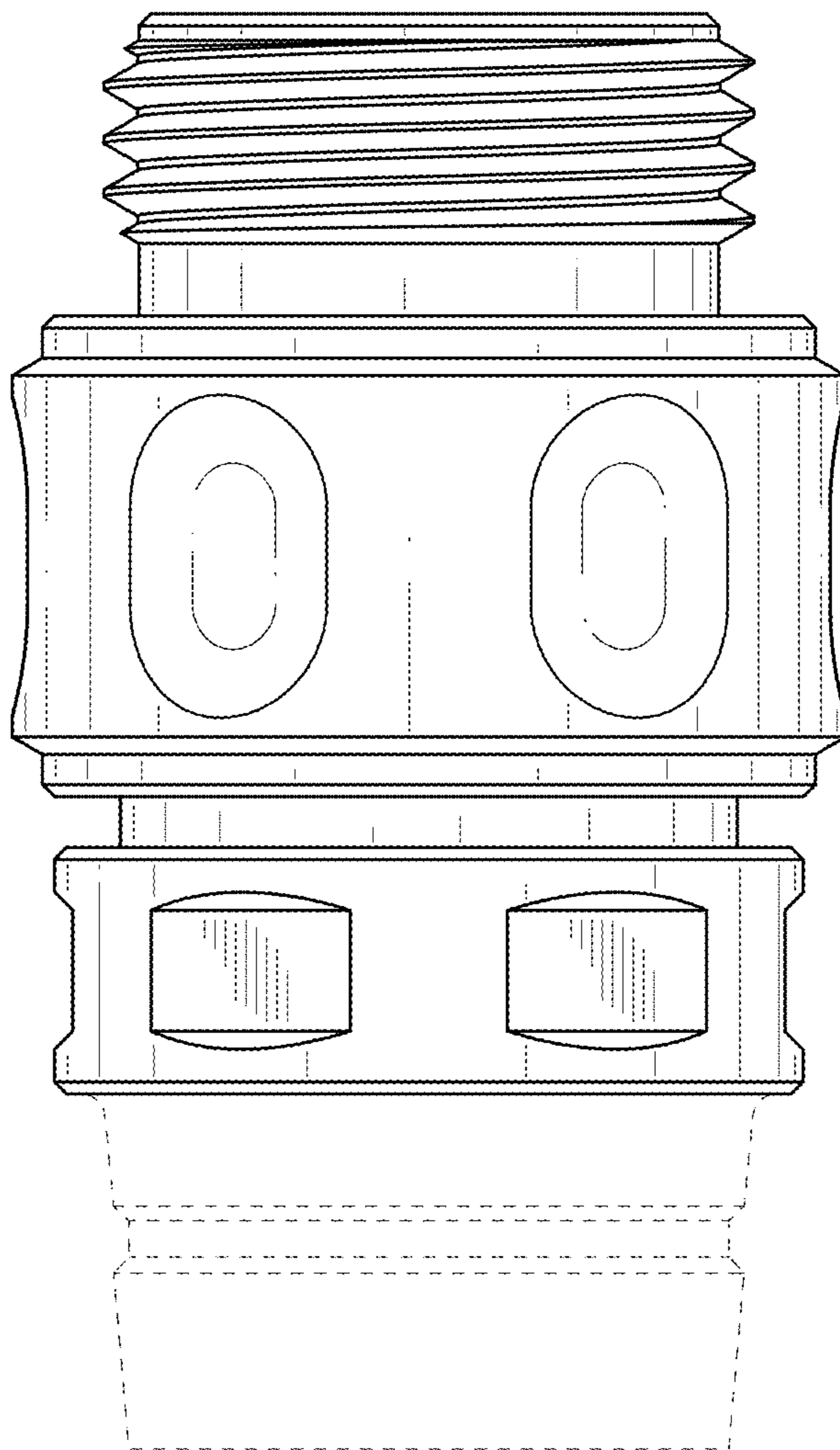


FIG. 6

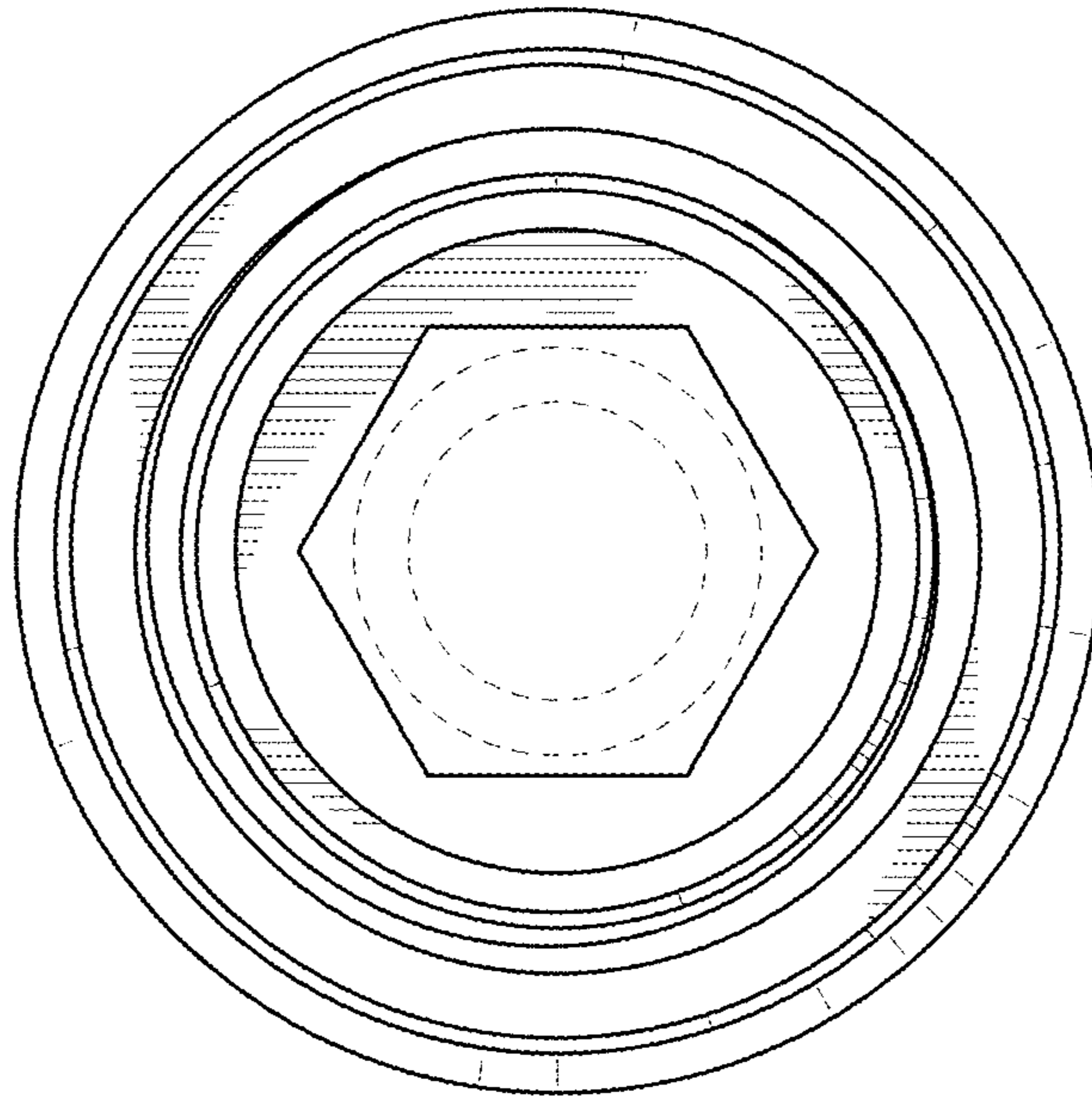


FIG. 7

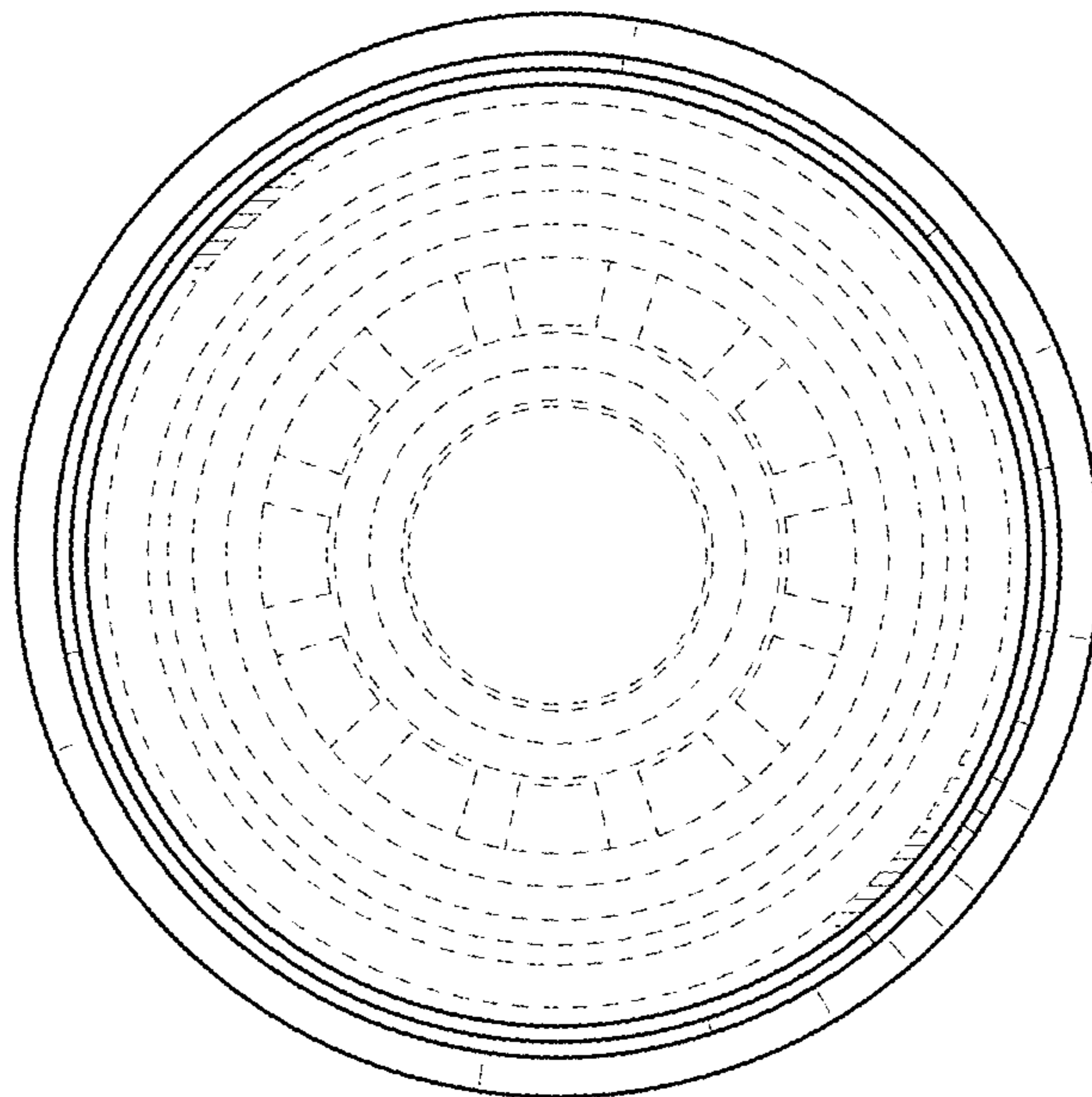


FIG. 8

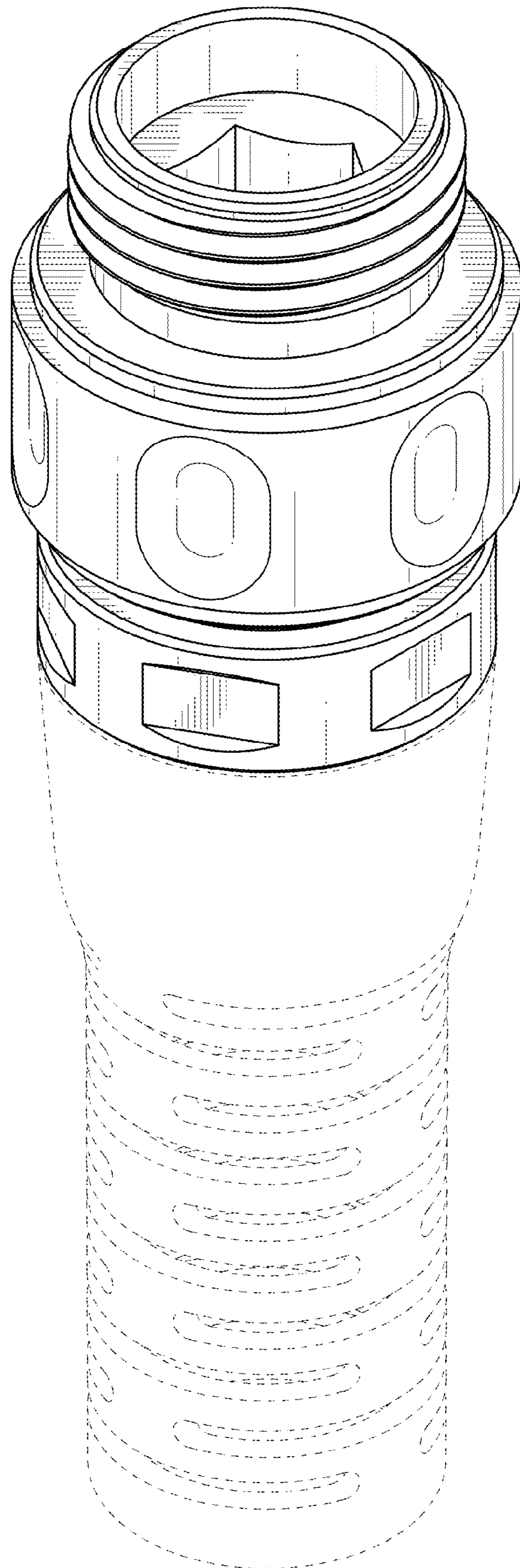


FIG. 9