



US00D903598S

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

(10) **Patent No.:** **US D903,598 S**

(45) **Date of Patent:** **** Dec. 1, 2020**

- (54) **AVIATION PLUG**
- (71) Applicant: **TuSimple, Inc.**, San Diego, CA (US)
- (72) Inventor: **Zhihua Ma**, Beijing (CN)
- (73) Assignee: **TUSIMPLE, INC.**, San Diego, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/617,659**
- (22) Filed: **Sep. 15, 2017**

D776,616	S *	1/2017	Katagiyama	.....	D13/133
D777,106	S *	1/2017	Katagiyama	.....	D13/133
D782,621	S *	3/2017	Smith	.....	D23/259
D789,298	S *	6/2017	Dobler	.....	D13/133
D817,883	S *	5/2018	Ishiguro	.....	D13/133
D824,856	S *	8/2018	Corona	.....	D13/146
D836,069	S *	12/2018	Barrefelt	.....	D13/133
D837,741	S *	1/2019	Corona	.....	D13/151
D838,247	S *	1/2019	Corona	.....	D13/151
D840,934	S *	2/2019	Marchesi	.....	D13/120
2010/0062632	A1 *	3/2010	Ribeau	.....	H01R 13/741 439/300
2011/0275235	A1 *	11/2011	Zapf	.....	H01R 13/625 439/349
2013/0207377	A1 *	8/2013	Cavagna	.....	F16L 25/026 285/47
2014/0322937	A1 *	10/2014	Johnson	.....	H01R 13/53 439/126

(30) **Foreign Application Priority Data**

Jul. 10, 2017 (CN) 2017 3 0299578

(51) **LOC (12) CL.** **13-03**

(52) **U.S. CL.**
USPC **D13/133**

(58) **Field of Classification Search**
 USPC D13/120, 133, 146, 147, 151, 153, 154,
 D13/155, 156; D3/208; D8/349, 382,
 D8/394, 396
 CPC B65H 75/36; H01R 13/5845; H01R 13/72;
 H01R 31/06; H01R 11/00; H01R 13/52;
 H01R 13/62; H04M 1/15; F16G 11/14;
 D06F 55/00; H02M 2001/0009; F02C
 7/28; H02G 15/113; F16L 25/026
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,664,809	A *	9/1997	Bates	.....	F16L 25/026 174/51
D734,266	S *	7/2015	Sato	.....	D13/133
D747,692	S *	1/2016	Katagiyama	.....	D13/154
D753,594	S *	4/2016	Katagiyama	.....	D13/133
D754,073	S *	4/2016	Katagiyama	.....	D13/133

(Continued)

Primary Examiner — Catherine S Posthauer

Assistant Examiner — Alison M Ofstun

(74) *Attorney, Agent, or Firm* — Paul Liu; Perkins Coie, LLP

(57) **CLAIM**

The ornamental design for an aviation plug, as shown and described.

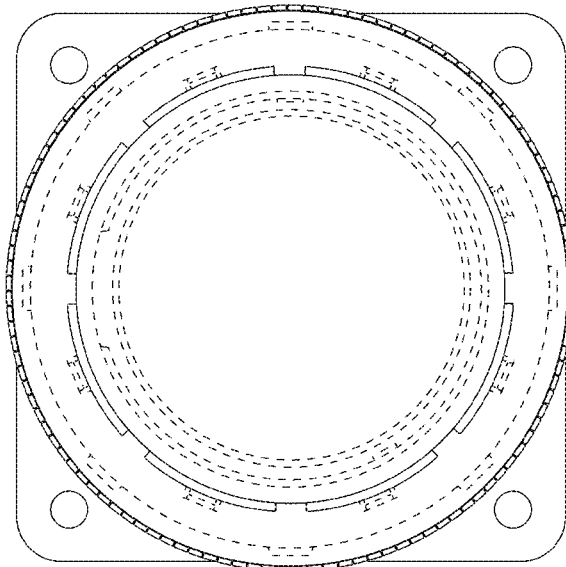
DESCRIPTION

FIG. 1 is a front view of an aviation plug showing my new design;
 FIG. 2 is a rear view thereof;
 FIG. 3 is a left side view thereof;
 FIG. 4 is a right side view thereof;
 FIG. 5 is a top view thereof; and,
 FIG. 6 is a bottom view thereof.

The four circular features at the corners of the aviation plug are holes.

In the drawings the broken lines illustrate portions of the article which form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0132983	A1*	5/2015	Daly	H01R 13/625 439/332
2015/0380861	A1*	12/2015	Harwath	H01R 13/52 385/86
2016/0285196	A1*	9/2016	Deiningner	H01R 13/52

* cited by examiner

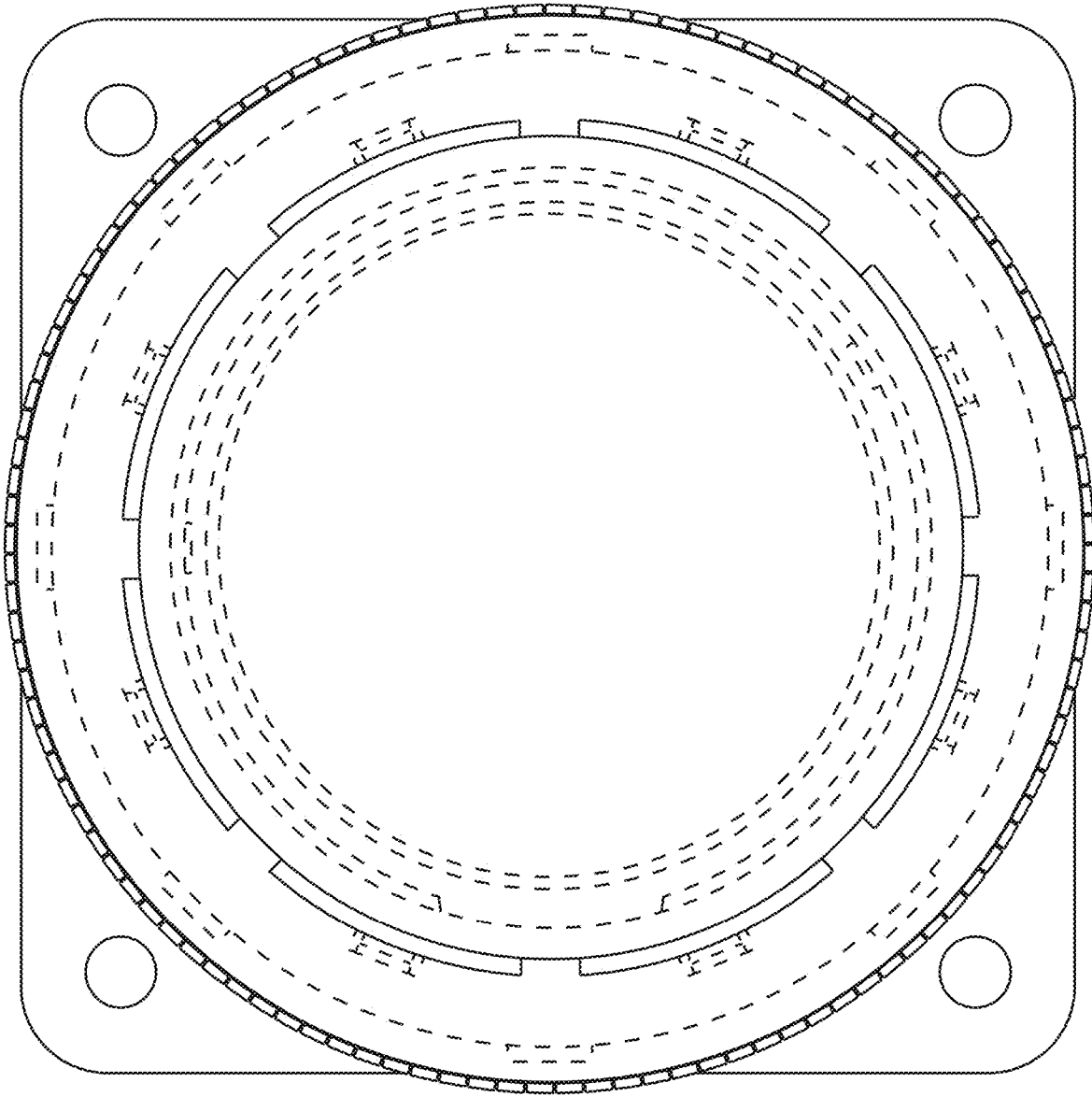


FIG. 1

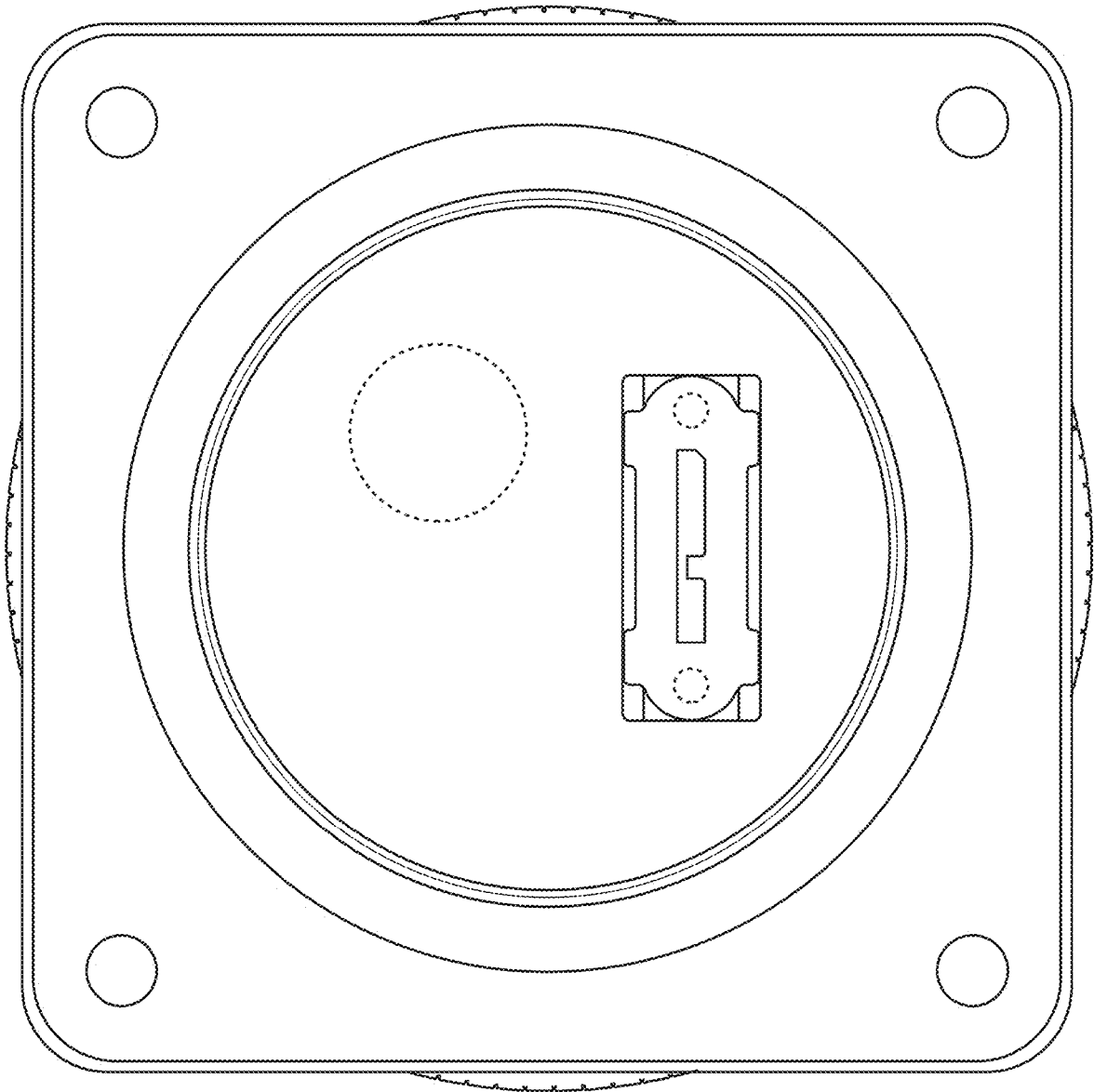


FIG. 2

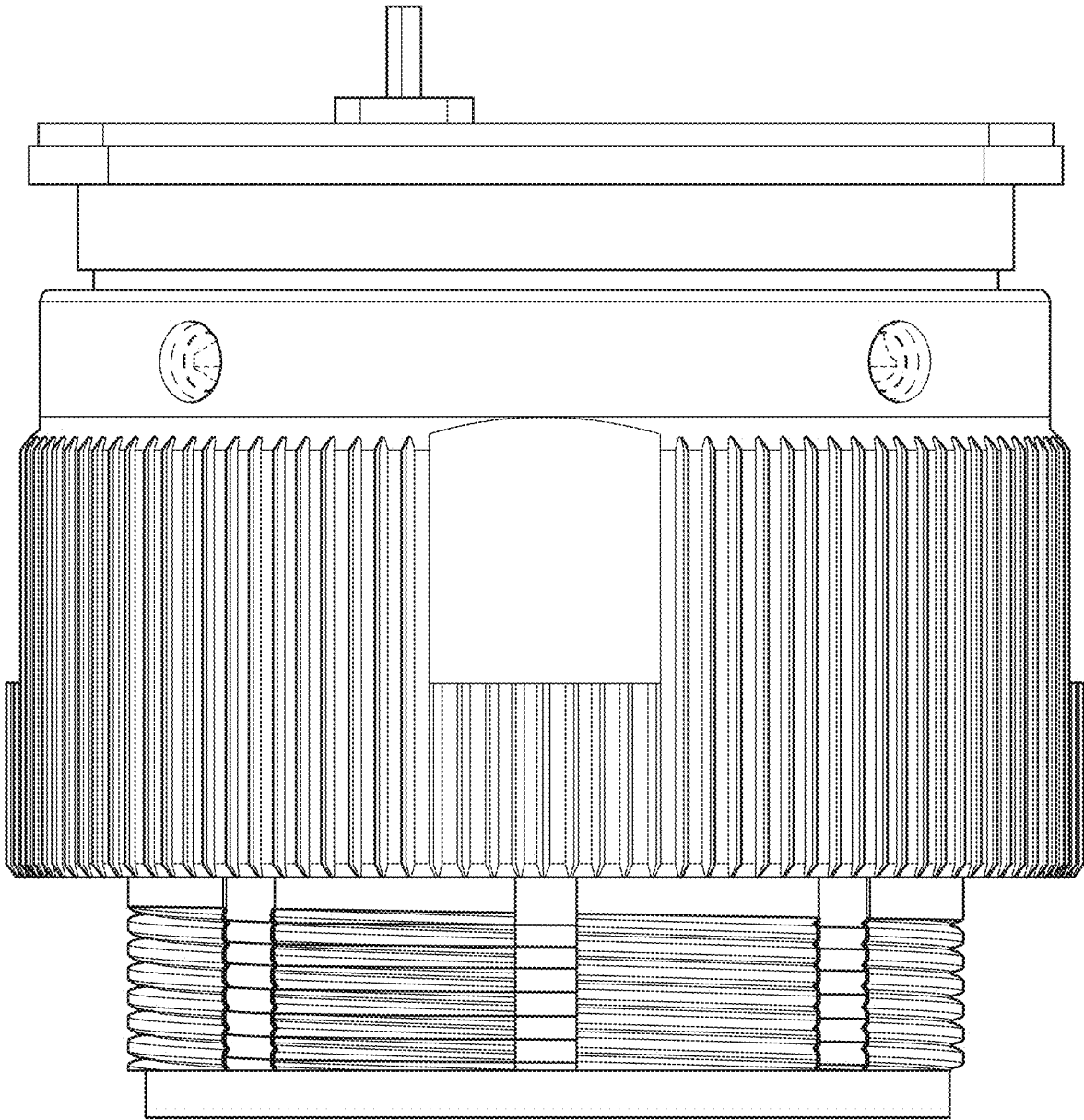


FIG. 3

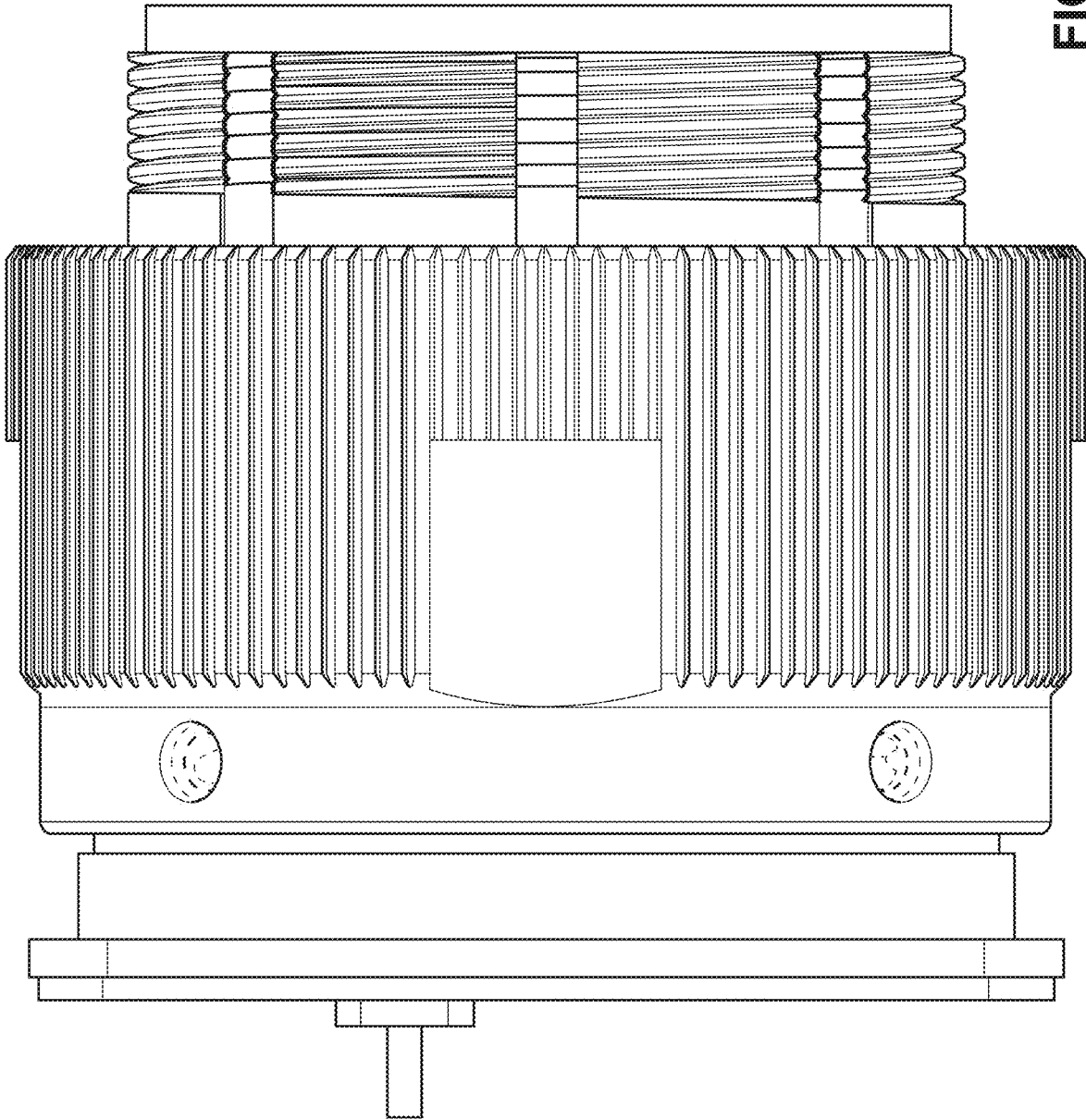


FIG. 4

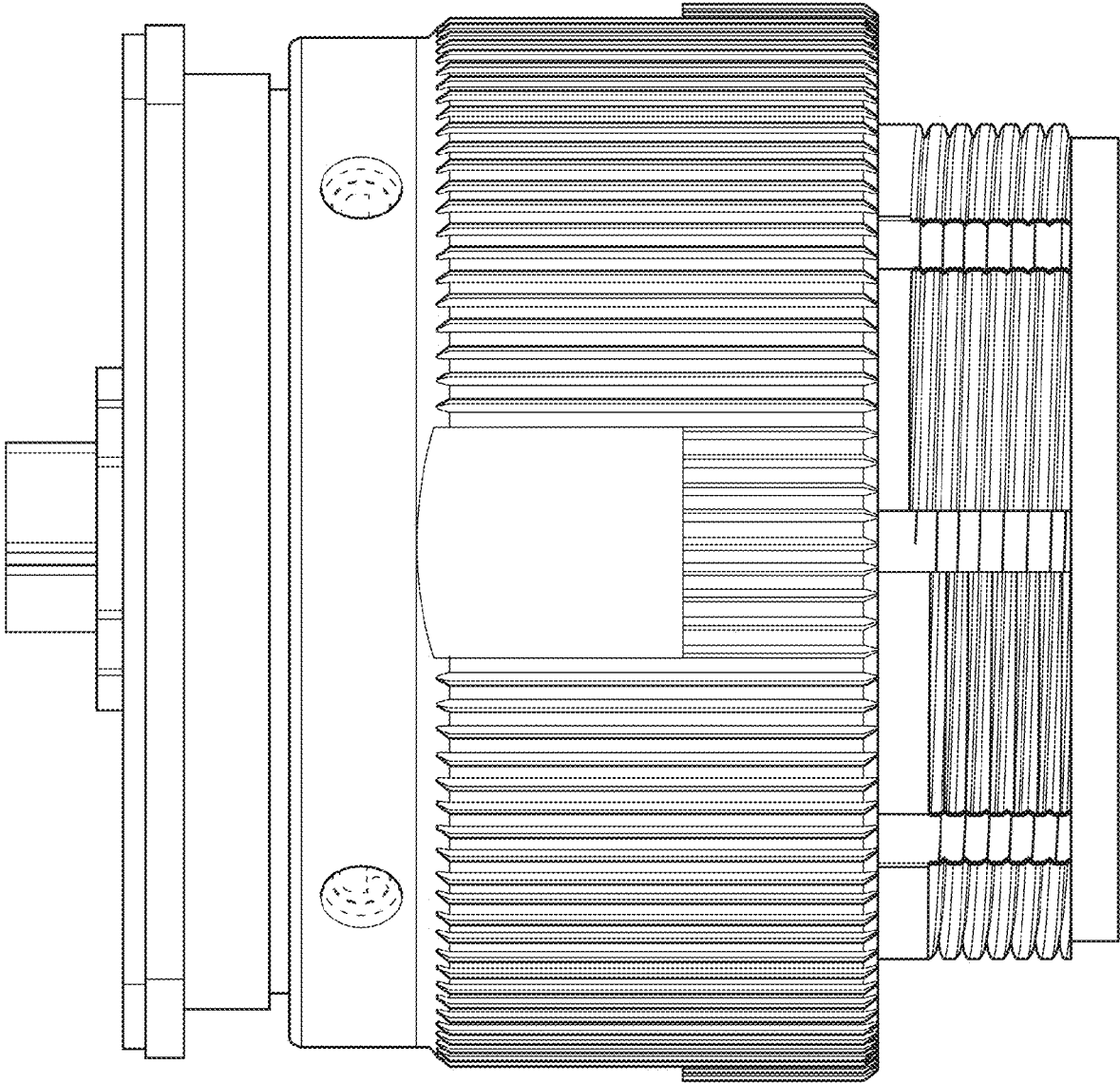


FIG. 5

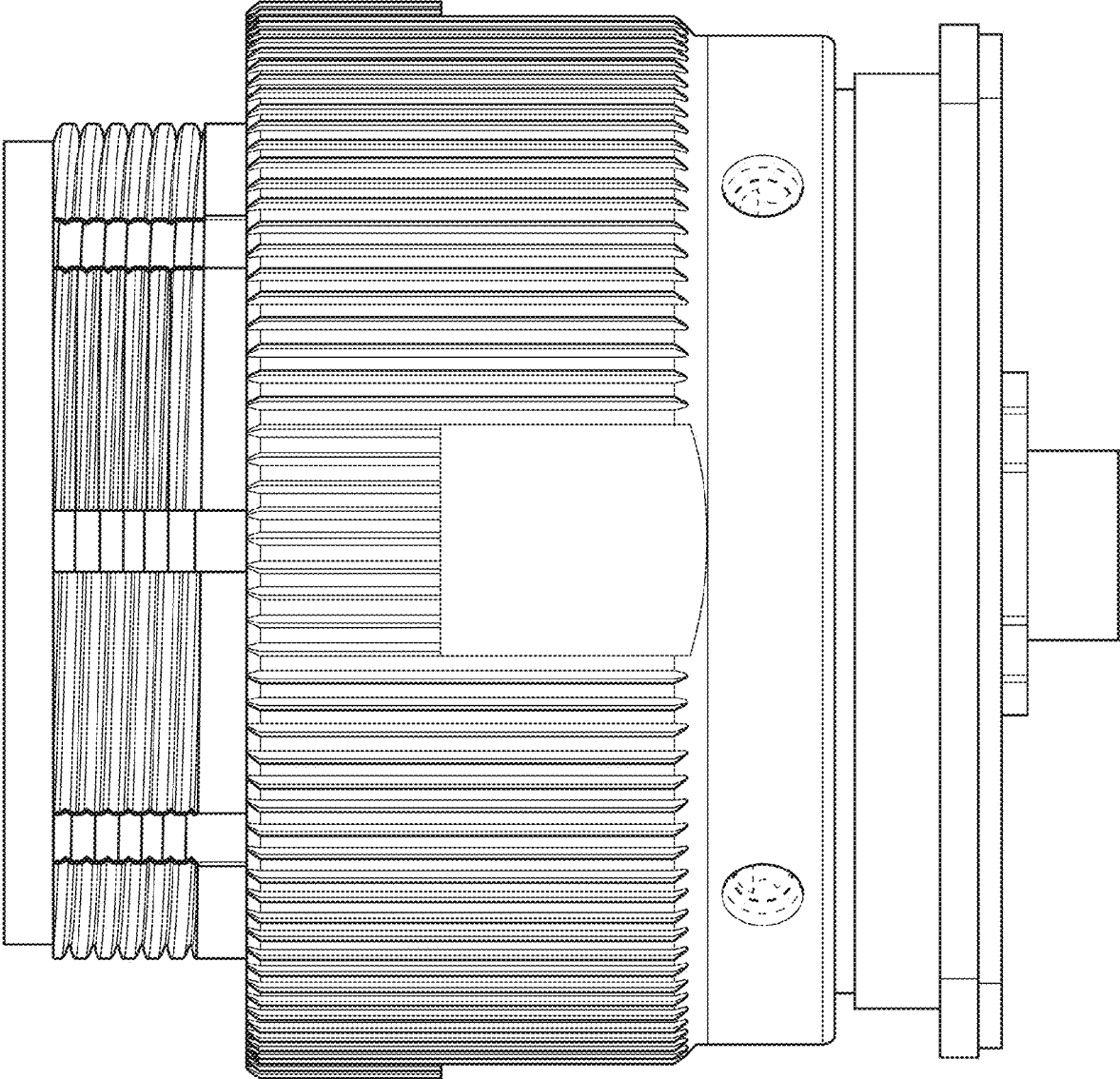


FIG. 6