



US00D837741S

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

(10) **Patent No.:** **US D837,741 S**
(45) **Date of Patent:** **** Jan. 8, 2019**

(54) **MATING SECTION OF ELECTRICAL CONNECTOR WITH LOCKING TABS**

(71) Applicant: **DSM&T Company, Inc.**, Fontana, CA (US)

(72) Inventor: **Sergio Corona**, Upland, CA (US)

(73) Assignee: **DSM&T Company, Inc.**, Fontana, CA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/604,520**

(22) Filed: **May 18, 2017**

(51) **LOC (11) Cl.** **13-03**

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

(58) **Field of Classification Search**
USPC D13/155, 123, 133, 151, 153, 154, 156, D13/184, 199; D8/349, 354, 380; D23/259, 262
CPC . H01R 24/58; H01R 4/10; H01R 4/18; H01R 4/38; H01R 4/40; H01R 4/56; H01R 4/60; H01R 4/64; H01R 13/625
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D86,515 S	3/1932	Cox	
2,046,221 A	6/1936	Thomas	
D188,419 S	7/1960	Danesi	
3,008,116 A *	11/1961	Blanchenot	H01R 13/625 439/317
3,560,908 A *	2/1971	Dell	H01R 13/743 439/353
4,258,970 A *	3/1981	Bourdon	H01R 13/443 439/148
4,606,596 A	8/1986	Whiting et al.	

D286,397 S	10/1986	Challans	
4,704,091 A	11/1987	Owens et al.	
D328,281 S	7/1992	Nociar	
D329,840 S	9/1992	Nociar	
5,201,669 A	4/1993	Lin	
D336,070 S *	6/1993	Clark	D13/133
D344,490 S	2/1994	Nociar	
5,285,163 A	2/1994	Liotta	
5,401,181 A	3/1995	Wilson	
D360,187 S	7/1995	Starec et al.	
D360,871 S	8/1995	Wilson	
D360,872 S	8/1995	Wilson	
5,460,545 A	10/1995	Siemon et al.	
D366,646 S	1/1996	Carr	
D367,644 S	3/1996	Fukao et al.	
D371,112 S *	6/1996	Anthony	D13/146

(Continued)

Primary Examiner — Derrick E Holland

Assistant Examiner — Jennifer O King

(74) *Attorney, Agent, or Firm* — Keusey & Associates, P.C.

(57) **CLAIM**

The ornamental design for a mating section of electrical connector with locking tabs, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left side perspective view of my new design of a mating section of electrical connector with locking tabs.

FIG. 2 is a front side elevational view thereof.

FIG. 3 is a right side elevational view thereof.

FIG. 4 is a left side elevational view thereof.

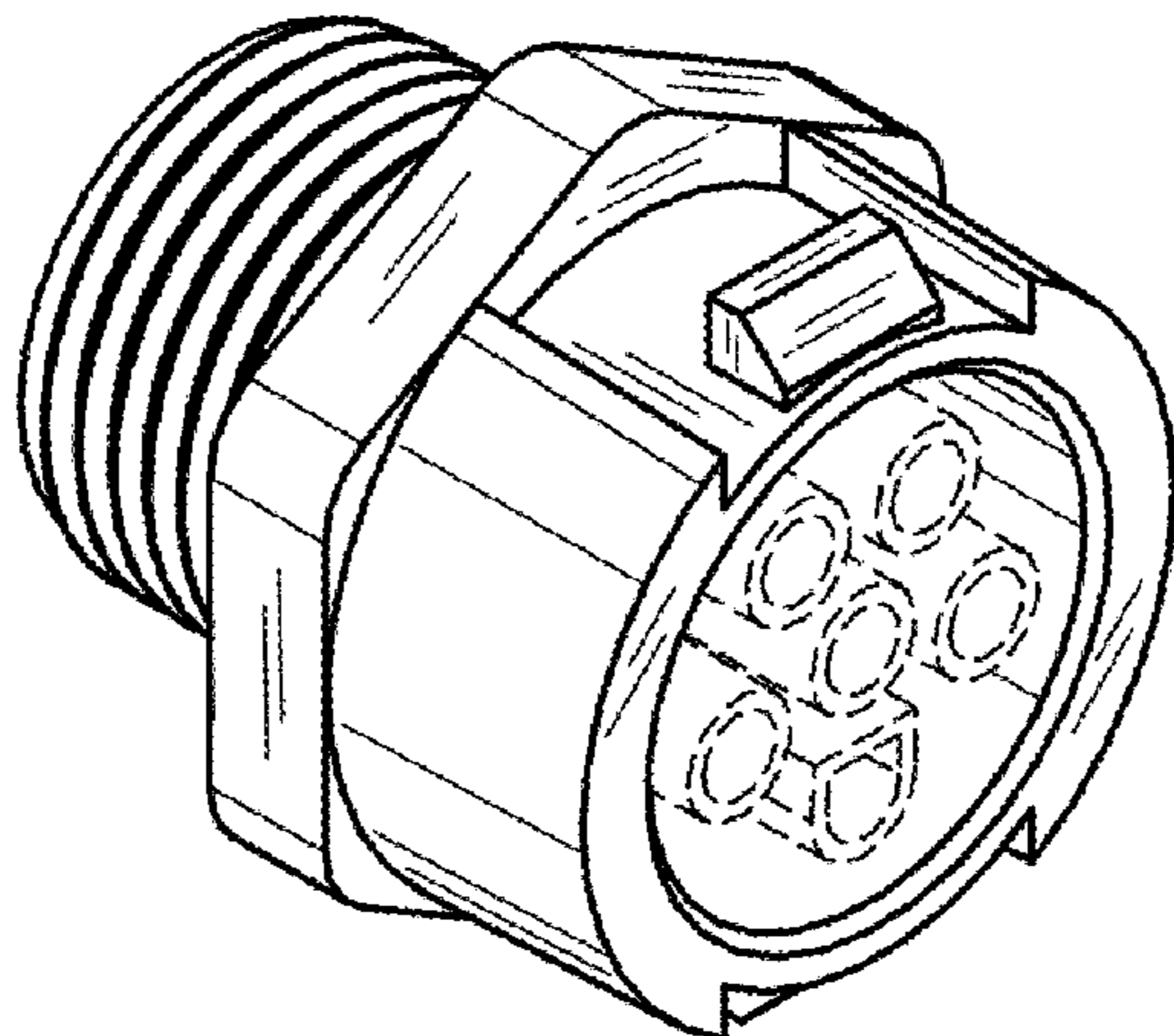
FIG. 5 is a top plan view thereof.

FIG. 6 is a bottom plan view thereof; and,

FIG. 7 is a rear side elevational view thereof.

The broken lines shown in FIGS. 1, 2, and 7 represent portions of the mating section of electrical connector with locking tabs that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,641,310 A * 6/1997 Tiberio, Jr. H01R 13/625
439/680
D393,831 S 4/1998 Siemon et al.
D416,230 S 11/1999 Narumo et al.
D425,028 S 5/2000 Lee
D434,377 S 11/2000 Bussett et al.
D437,828 S 2/2001 Corona
D439,221 S 3/2001 Corona
D444,128 S 6/2001 Tan et al.
D445,763 S 7/2001 Corona
D446,186 S 8/2001 Corona
D454,115 S 3/2002 Zemba
6,379,169 B1 4/2002 Corona
6,383,003 B1 5/2002 Corona
D472,523 S 4/2003 Hansen
D473,844 S 4/2003 Bender et al.
D502,919 S 3/2005 Studnicky
D503,150 S 3/2005 Yamawaki et al.
D514,070 S 1/2006 Bachmann
D516,028 S 2/2006 Deng
D521,933 S 5/2006 Wade et al.
D524,736 S 7/2006 Morita et al.
D524,737 S 7/2006 Lai et al.
D529,441 S 10/2006 LaPere
D529,865 S * 10/2006 LaPere D13/133
D533,502 S 12/2006 Wakefield
D535,618 S 1/2007 Hu et al.
D555,594 S 11/2007 So
7,300,318 B2 11/2007 Deja
D559,785 S 1/2008 Tosetti
D560,168 S 1/2008 McCoy
D560,610 S 1/2008 McCoy
D569,955 S * 5/2008 Chen D23/262
D571,727 S 6/2008 Yang et al.
7,390,210 B2 6/2008 Corona
D573,536 S 7/2008 Hariharesan et al.
7,395,166 B2 * 7/2008 Plishner A61N 1/025
257/E23.01
D577,671 S 9/2008 Schnitzler
D586,750 S 2/2009 Li
D596,125 S 7/2009 Norin et al.
D601,090 S * 9/2009 Vigorito D13/133
D604,697 S 11/2009 Sogo et al.
D605,599 S * 12/2009 Wong D13/133
D606,944 S 12/2009 Mehnert et al.
D611,904 S 3/2010 Mehnert
D613,246 S 4/2010 Muecke et al.
D615,042 S 5/2010 Morgan et al.
D615,496 S * 5/2010 Mennekes D13/133
7,722,397 B2 5/2010 Schleith
D616,821 S 6/2010 The
7,785,123 B2 8/2010 Corona
D626,506 S * 11/2010 Giefers D13/133
RE42,230 E 3/2011 Norin et al.

D637,159 S 5/2011 Hu
D639,243 S 6/2011 Gharib et al.
D639,250 S 6/2011 Svelnis et al.
D639,743 S 6/2011 Smith et al.
D643,815 S 8/2011 Mark et al.
D651,171 S 12/2011 Yamauchi et al.
D651,172 S 12/2011 Yamauchi et al.
D670,650 S 11/2012 Ebihara
D673,118 S * 12/2012 Giefers D13/133
D677,629 S 3/2013 Corona
D678,200 S 3/2013 Corona
D678,201 S 3/2013 Corona
D678,202 S 3/2013 Corona
D678,203 S 3/2013 Corona
D678,204 S 3/2013 Corona
D679,662 S 4/2013 Svelnis et al.
D682,209 S 5/2013 Henrick et al.
D682,793 S 5/2013 Igelmund
D692,829 S 11/2013 Dobler
D694,189 S 11/2013 Ledinger et al.
D697,030 S 1/2014 Ledinger et al.
D698,730 S 2/2014 Hori et al.
D703,142 S 4/2014 Hoshino
D704,645 S 5/2014 Nomura et al.
D705,738 S 5/2014 Schmidt et al.
D707,179 S 6/2014 Smith
D708,142 S 7/2014 Luther et al.
D712,840 S * 9/2014 Sykes D13/151
D715,227 S 10/2014 Leem
D716,233 S 10/2014 Lai
D716,732 S 11/2014 Neumann
D729,169 S 5/2015 Corona
D733,655 S 7/2015 Sato et al.
D735,671 S 8/2015 Kuhnert
D737,771 S 9/2015 Hofmann
D743,893 S 11/2015 Kuribayashi
D748,058 S 1/2016 Corona
D753,065 S 4/2016 Corona
D753,600 S 4/2016 Svelnis
D762,178 S 7/2016 Liu et al.
D766,183 S 9/2016 Corona
D766,184 S 9/2016 Corona
D768,082 S 10/2016 Chuang
D770,386 S 11/2016 Corona
D770,981 S 11/2016 Corona
D774,465 S 12/2016 Corona
D774,466 S 12/2016 Corona
D780,123 S 2/2017 Zetterqvist et al.
D781,787 S * 3/2017 Spiel D13/149
D787,446 S 5/2017 Cockerill
D793,340 S 8/2017 Wang
D797,052 S 9/2017 Moseke et al.
D801,933 S * 11/2017 Sasaki D13/133
2002/0123275 A1 9/2002 Zhao
2003/0139094 A1 7/2003 Venditti et al.
2004/0147170 A1 7/2004 Greenwood et al.
2011/0003512 A1 1/2011 Bower et al.

* cited by examiner

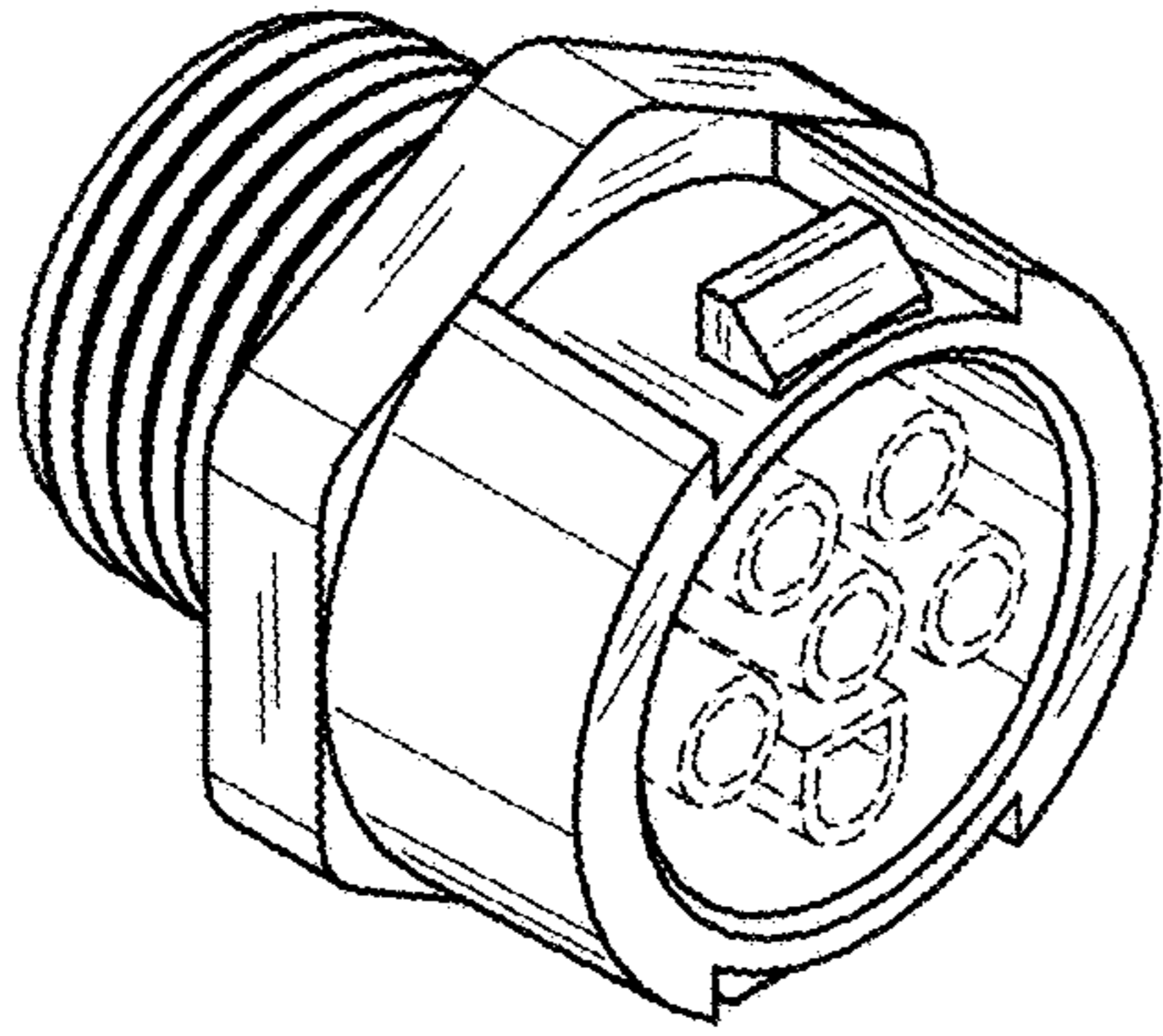


FIG. 1

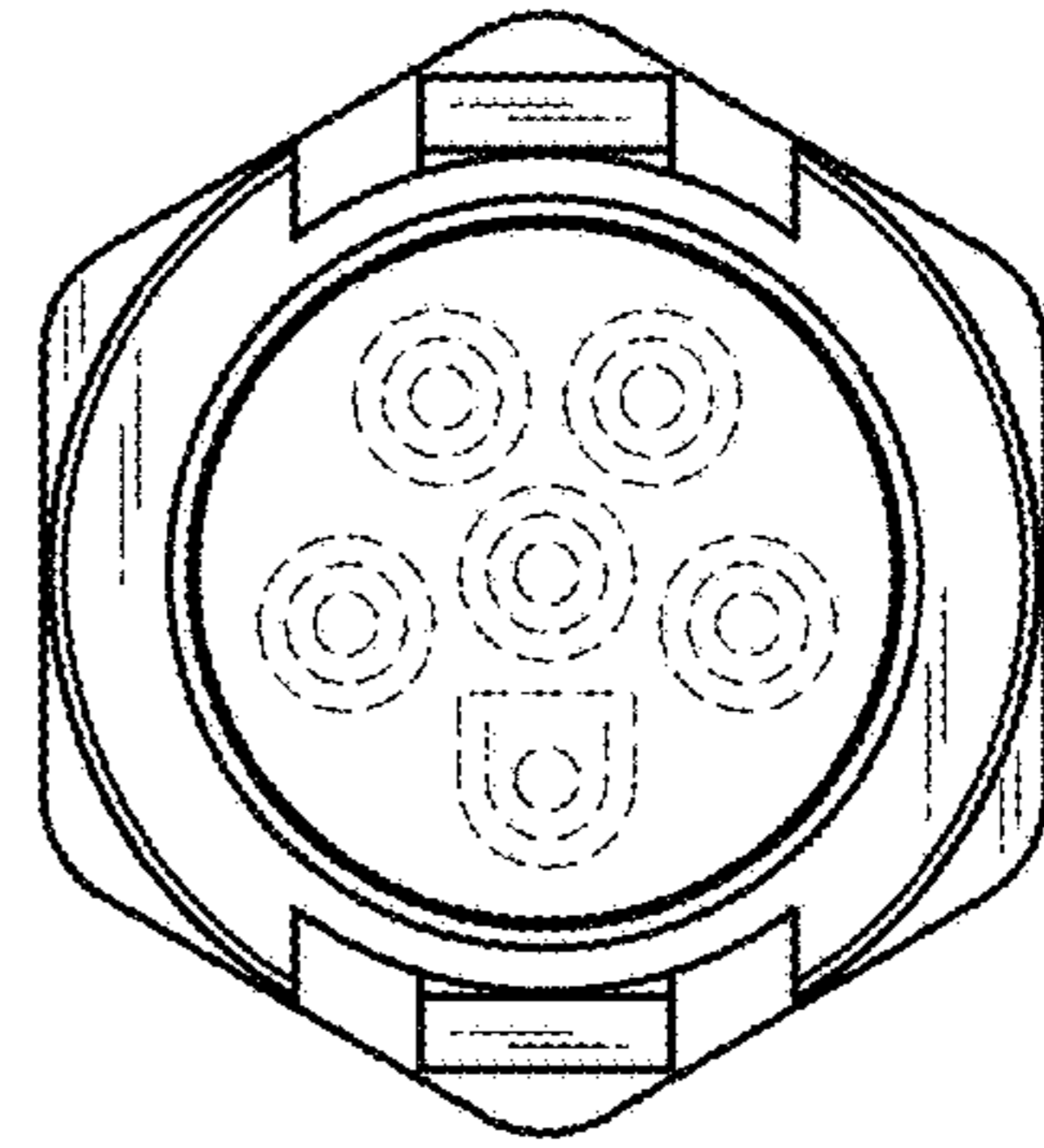


FIG. 2

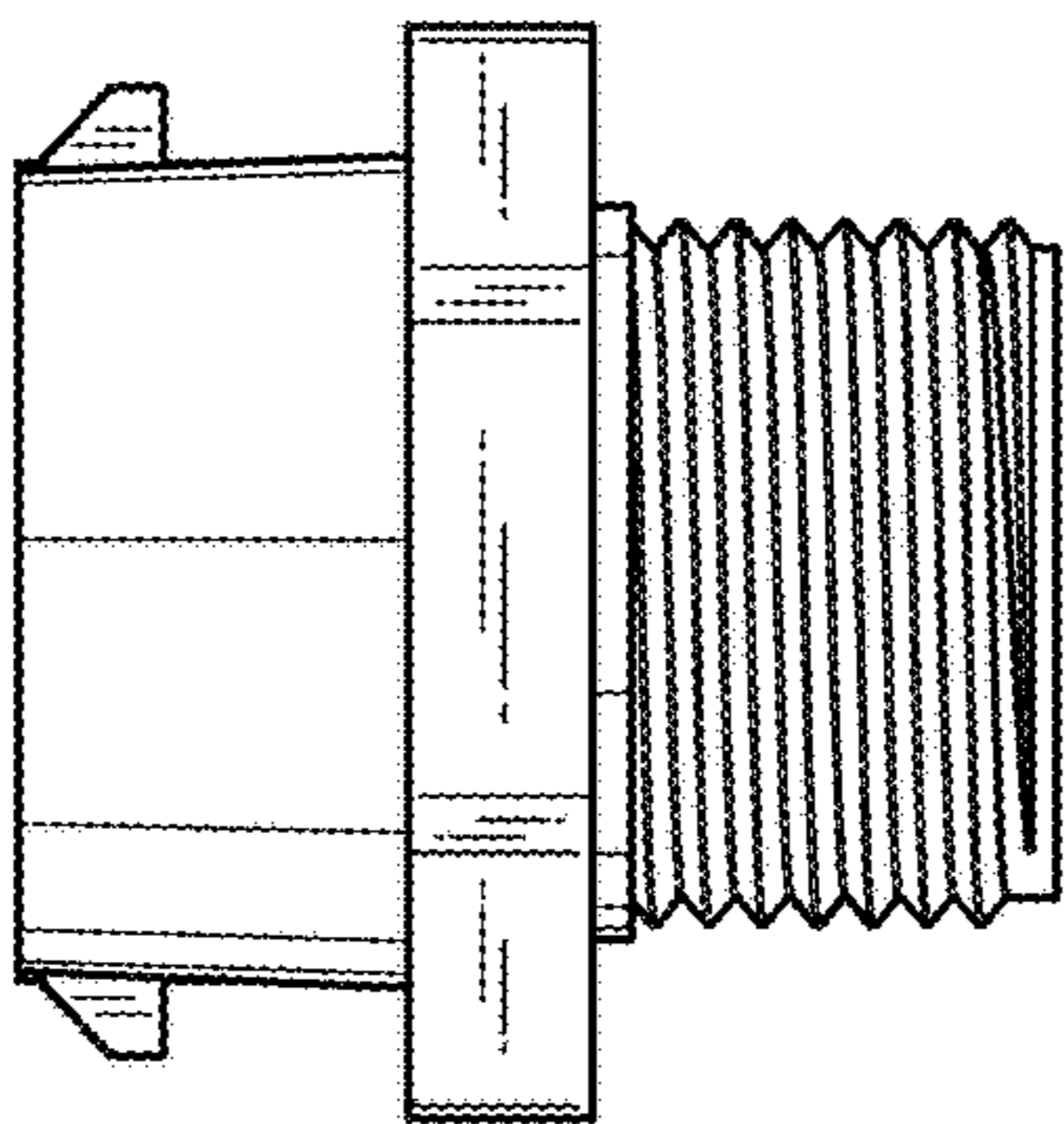


FIG. 3

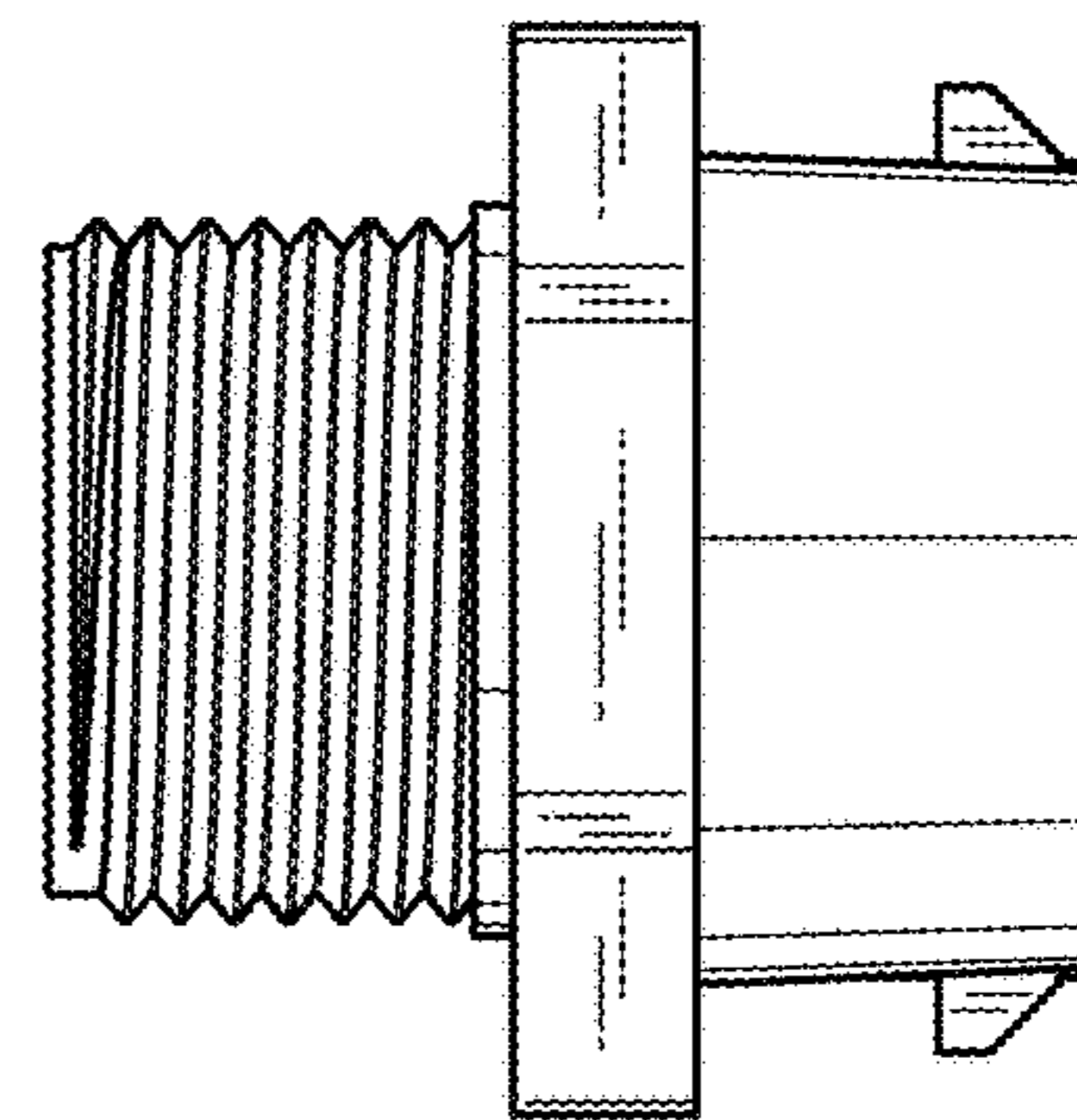


FIG. 4

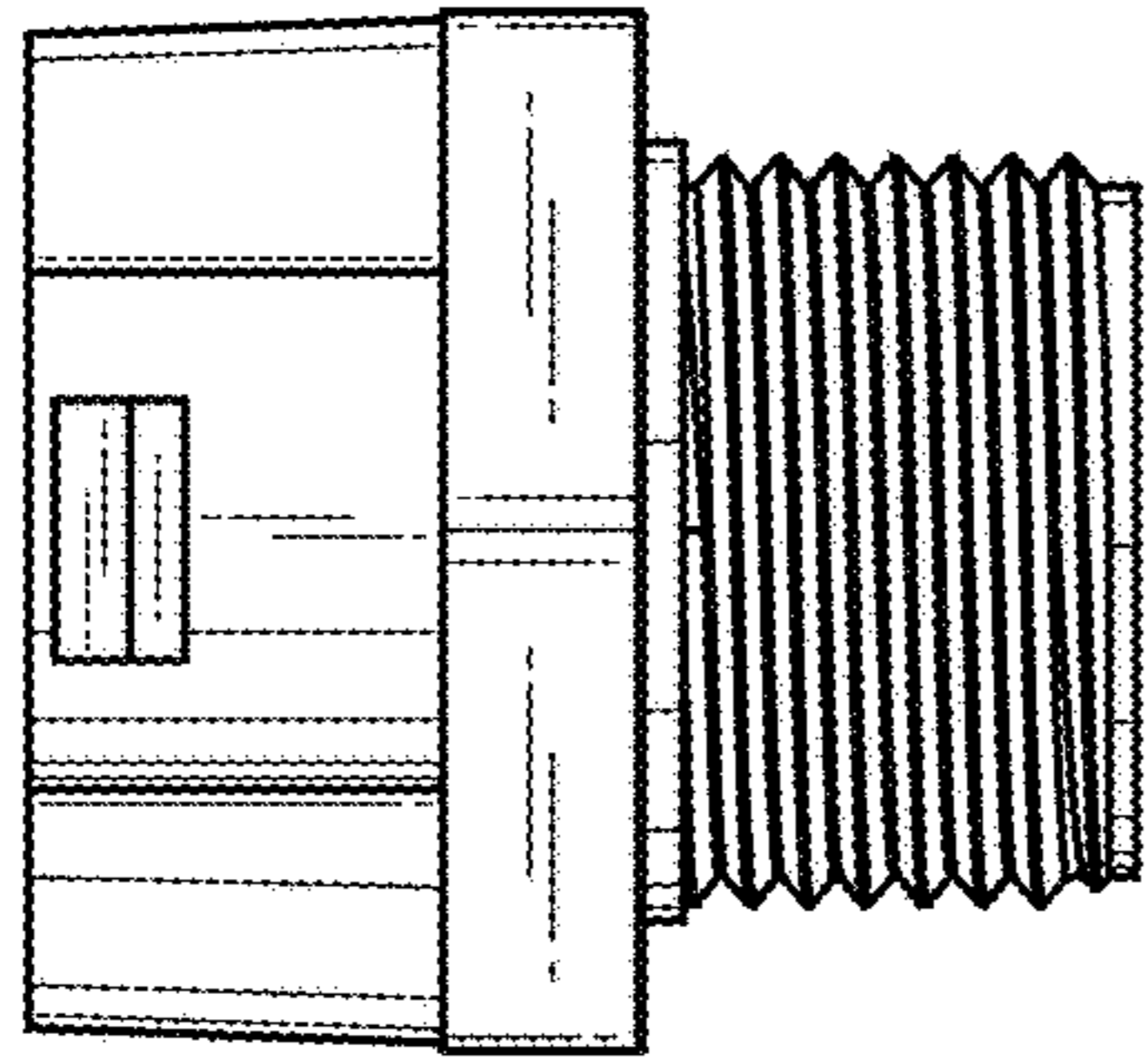


FIG. 5

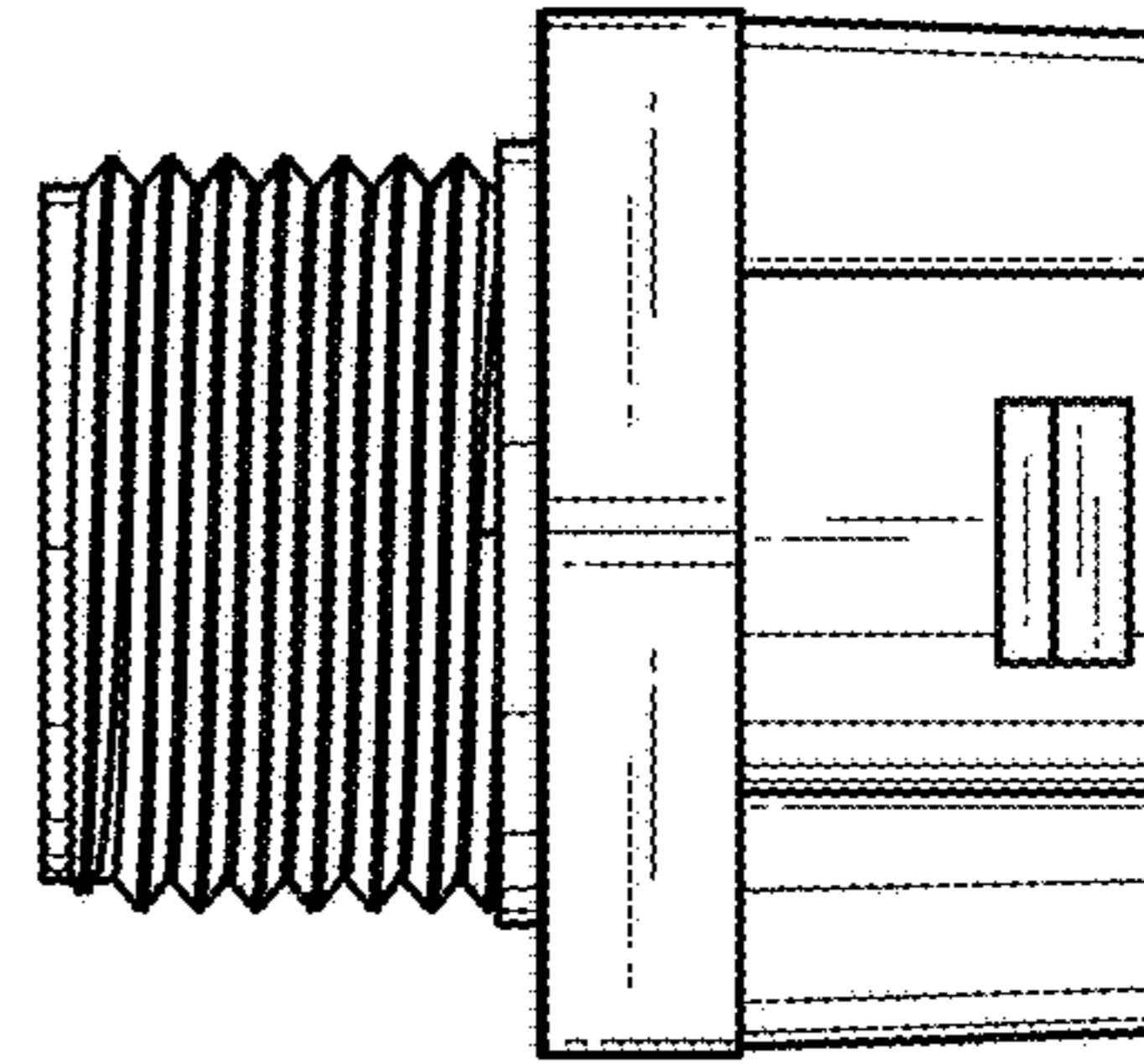


FIG. 6

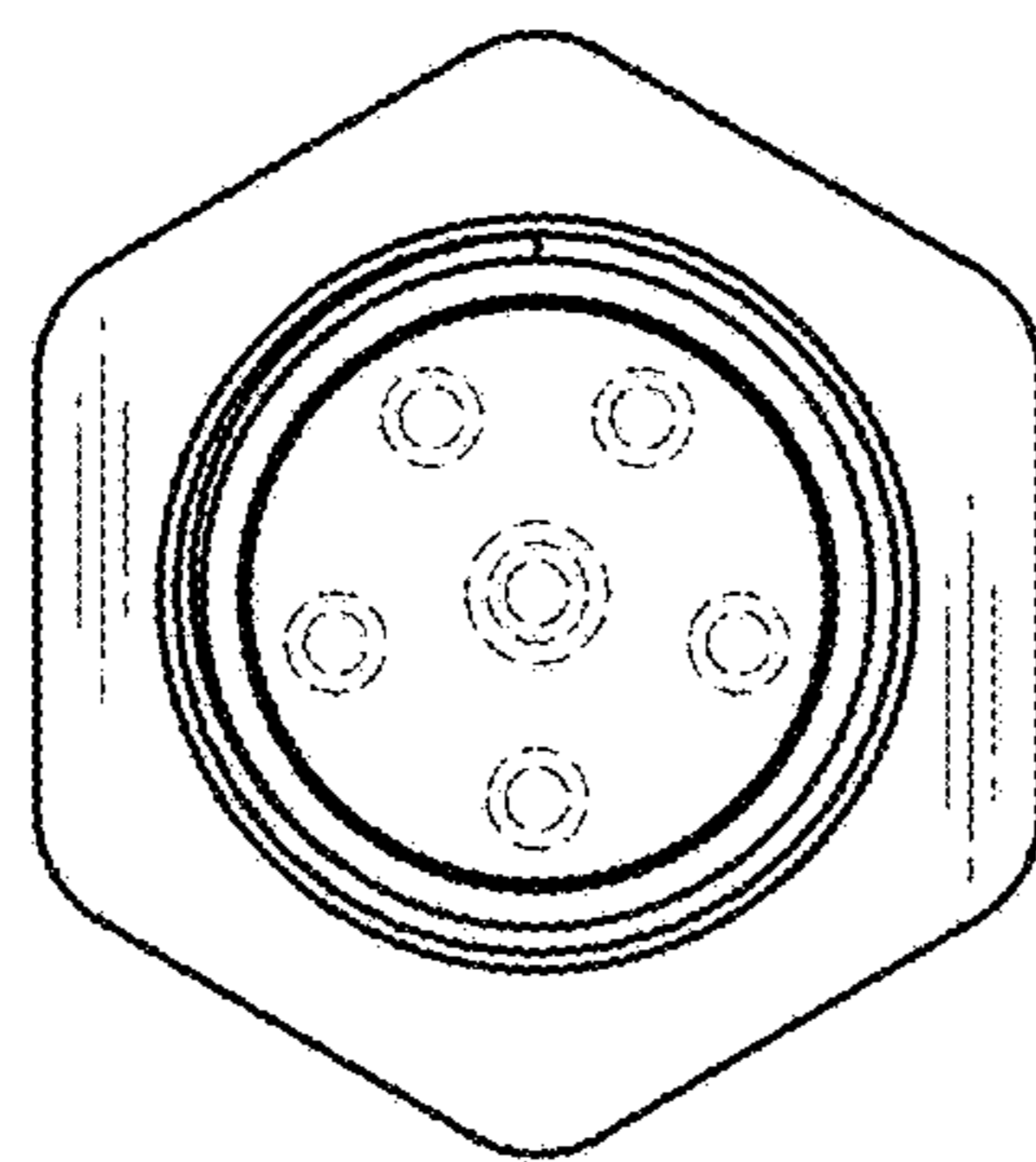


FIG. 7