



US00D960840S

(12) **United States Design Patent**  
**Vlacich et al.**

(10) **Patent No.:** **US D960,840 S**

(45) **Date of Patent:** **\*\* Aug. 16, 2022**

(54) **BUS CONNECTOR RECEPTACLE**

D813,822 S \* 3/2018 Corona ..... D13/147  
D892,745 S \* 8/2020 Vlacich ..... D13/147  
2021/0210901 A1\* 7/2021 Zhou ..... H01R 13/6275

(71) Applicant: **NIELSEN-KELLERMAN CO.**,  
Boothwyn, PA (US)

(72) Inventors: **Robert Vlacich**, Linwood, PA (US);  
**Nils Steffensen**, Kennett Square, PA  
(US); **Yohann Rigogne**, Philadelphia,  
PA (US)

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

(21) Appl. No.: **29/665,614**

(22) Filed: **Oct. 5, 2018**

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

(52) **U.S. Cl.**  
USPC ..... **D13/146**

(58) **Field of Classification Search**  
USPC ..... D13/107, 123, 133, 146, 147, 153, 173,  
D13/183, 184, 199  
CPC . G02B 6/28; H01R 4/24; H01R 12/00; H01R  
13/52; H01R 13/58; H01R 13/62; H01R  
13/627; H01R 13/658; H01R 25/00  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D356,296 S \* 3/1995 Chapman ..... D13/146  
D413,100 S \* 8/1999 Nakazawa ..... D13/146  
D458,226 S \* 6/2002 Chin ..... D13/145  
D465,458 S \* 11/2002 Zhang ..... D13/147  
D571,681 S \* 6/2008 Radecke ..... D10/80  
D580,360 S \* 11/2008 Vitito ..... D13/146  
D601,092 S \* 9/2009 Rupp ..... D13/147  
D643,815 S \* 8/2011 Mark ..... D13/133  
D682,211 S \* 5/2013 Nelson ..... D13/137.3  
D684,538 S 6/2013 Akana et al.  
D684,539 S 6/2013 Akana et al.  
D746,777 S \* 1/2016 Laven ..... D13/146

**OTHER PUBLICATIONS**

Amphenol-Tuchel Electronics GmbH 44 Series Circular Connectors—  
Informational Literature.

\* cited by examiner

*Primary Examiner* — Shawn T Gingrich

(74) *Attorney, Agent, or Firm* — Cozen O'Connor

(57) **CLAIM**

The ornamental design for a bus connector receptacle, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a bus connector  
receptacle showing our new design in accordance with one  
embodiment;

FIG. 2 is a front view thereof;

FIG. 3 is another front perspective view of a bus connector  
receptacle showing our new design in accordance with the  
FIG. 1 embodiment;

FIG. 4 is a front view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is back view thereof;

FIG. 7 is a right view thereof, the left view being a mirror  
image of same;

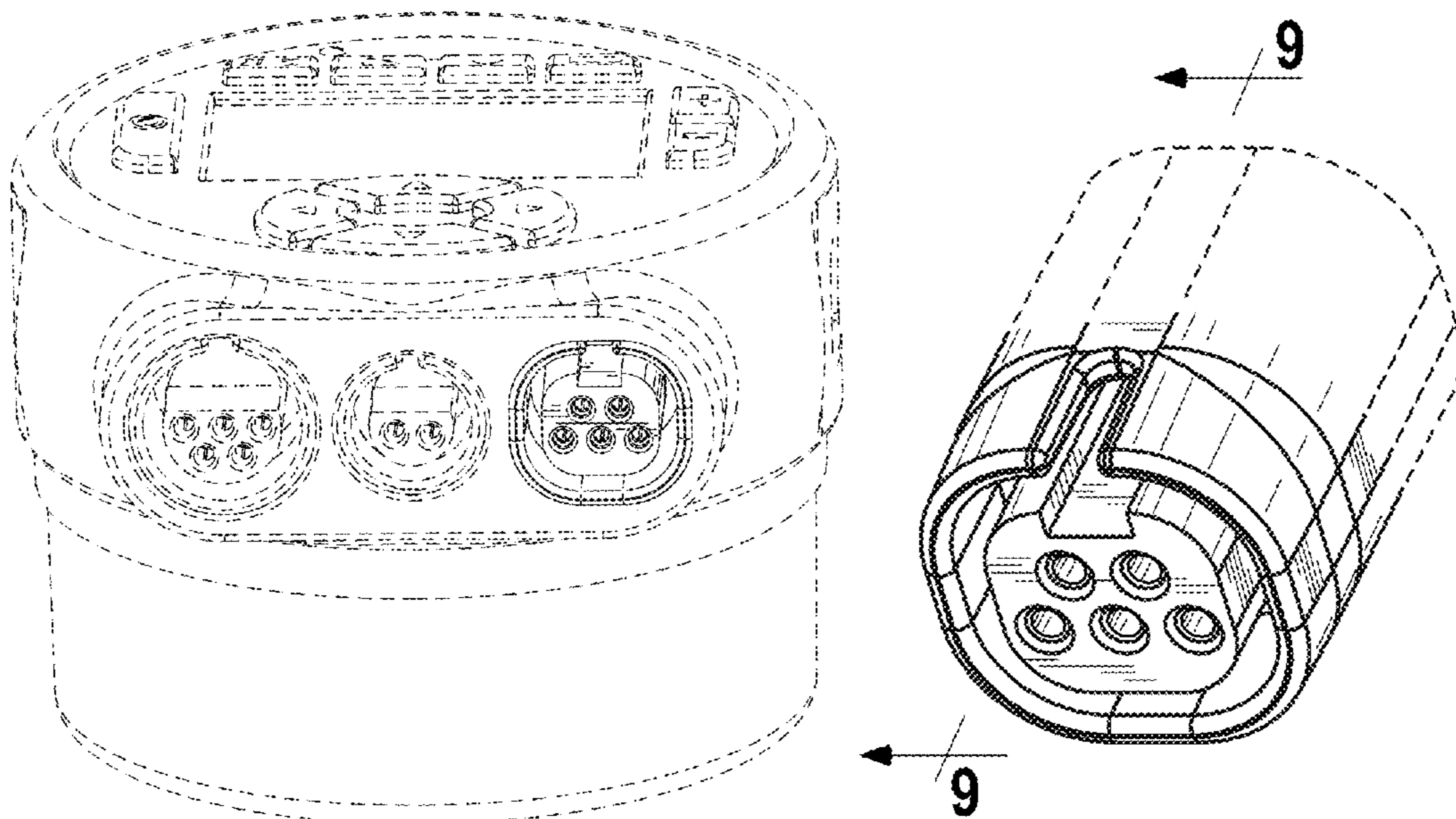
FIG. 8 is a bottom view thereof; and,

FIG. 9 is a right side sectional view along the line 9-9  
illustrated in FIG. 3.

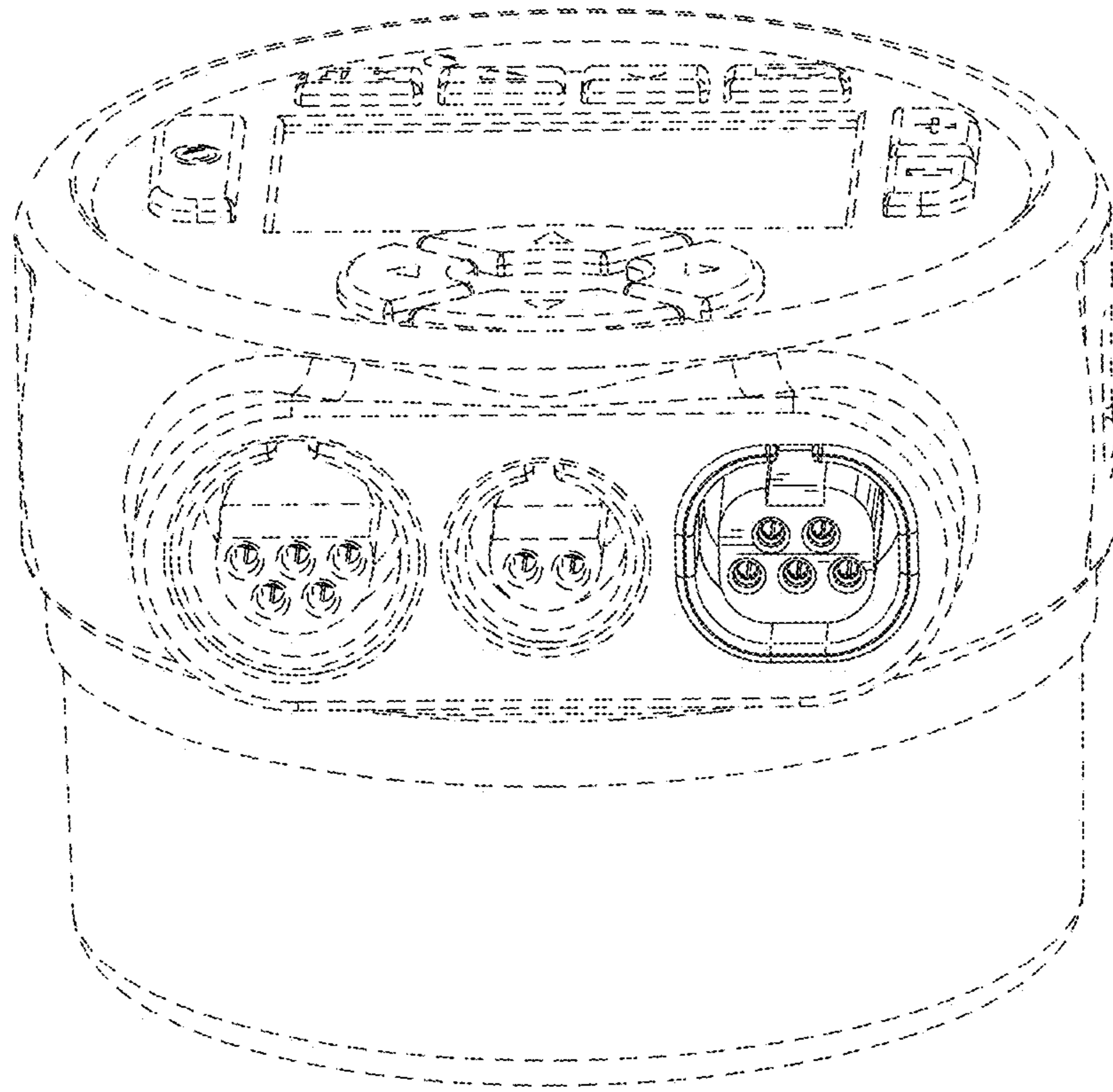
The broken lines in the drawing figures show portions of the  
bus connector receptacle which form no part of the claimed  
design.

The shade lines in the figures show contour and not surface  
ornamentation.

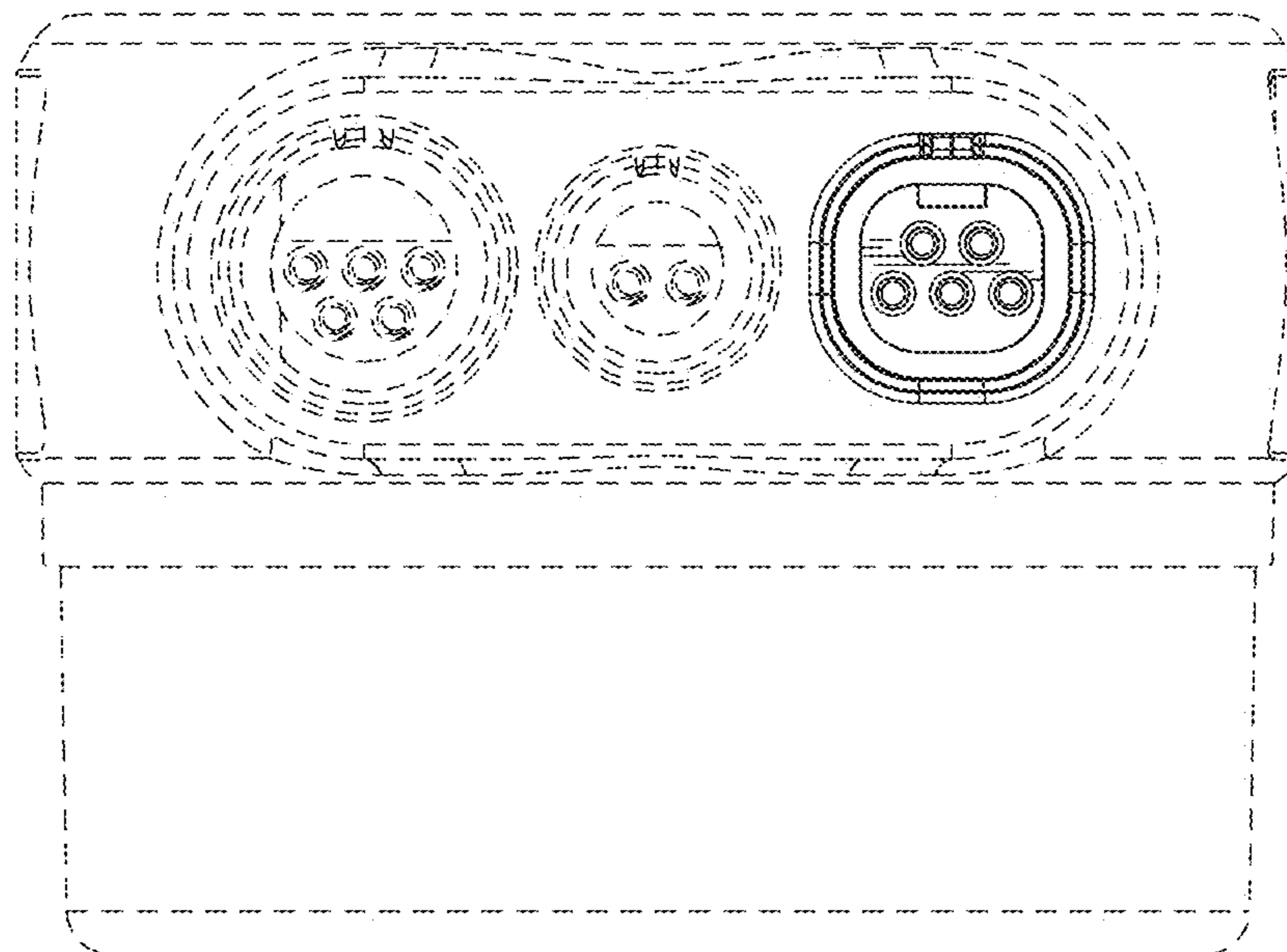
**1 Claim, 3 Drawing Sheets**

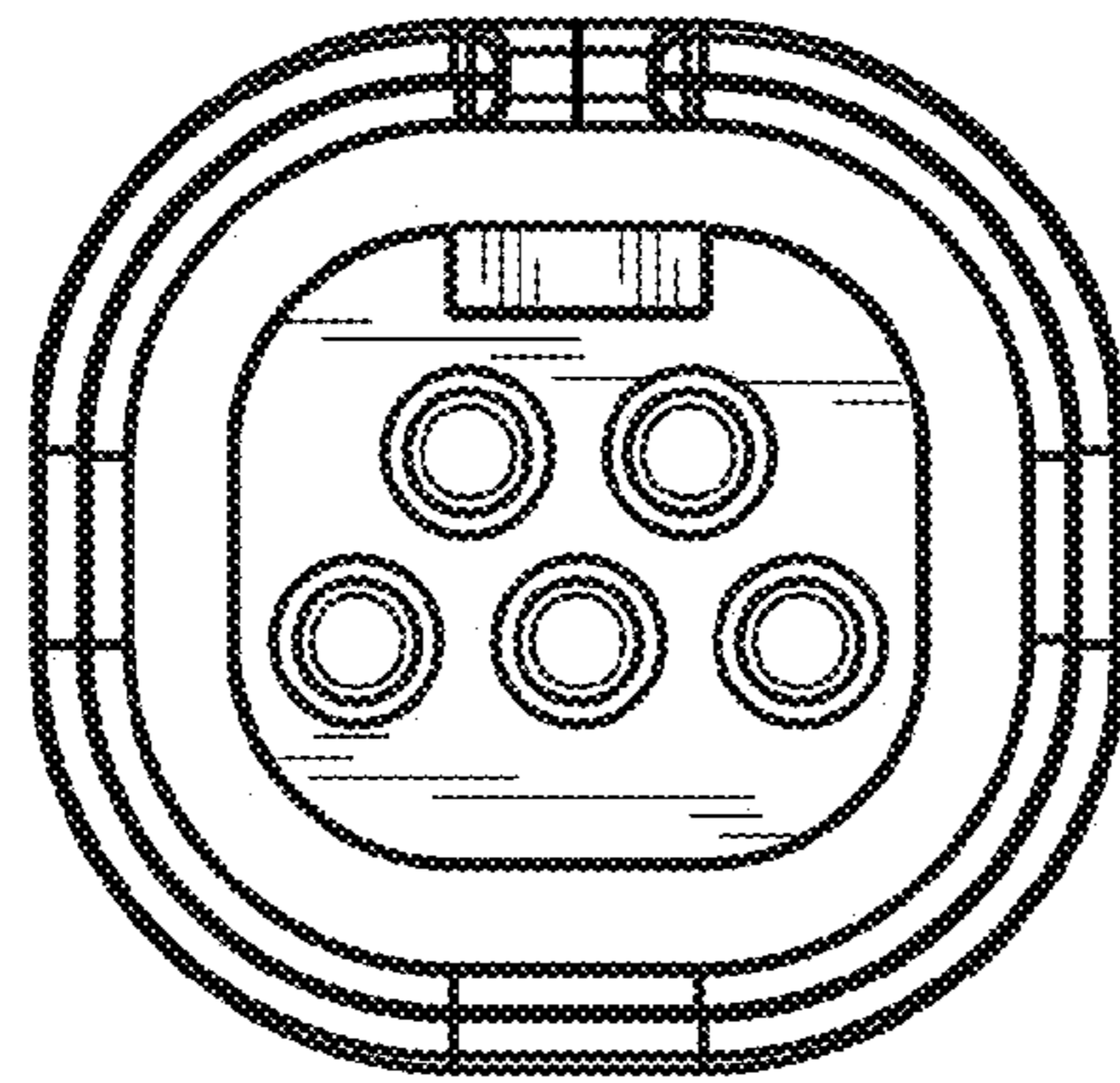
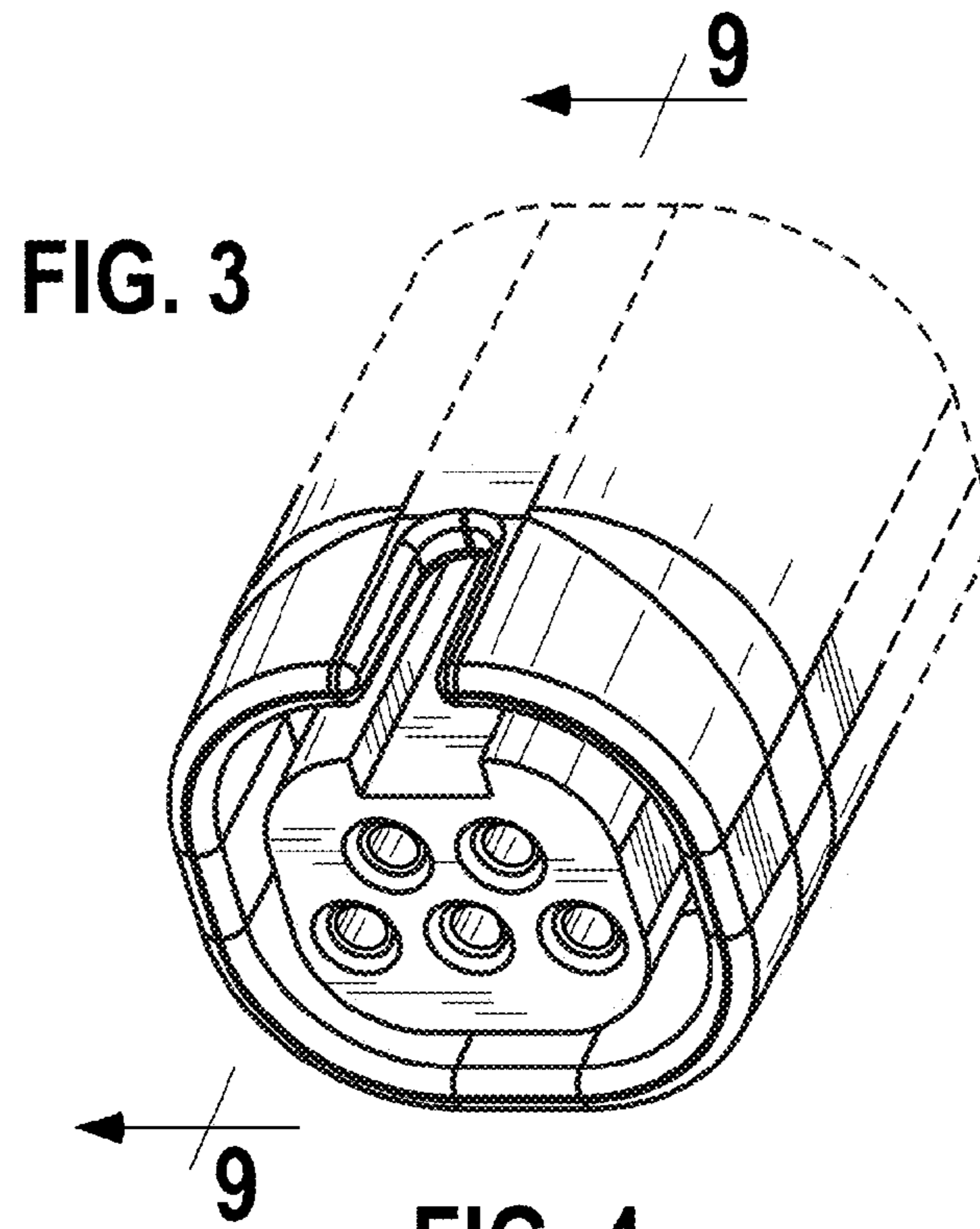


**FIG. 1**

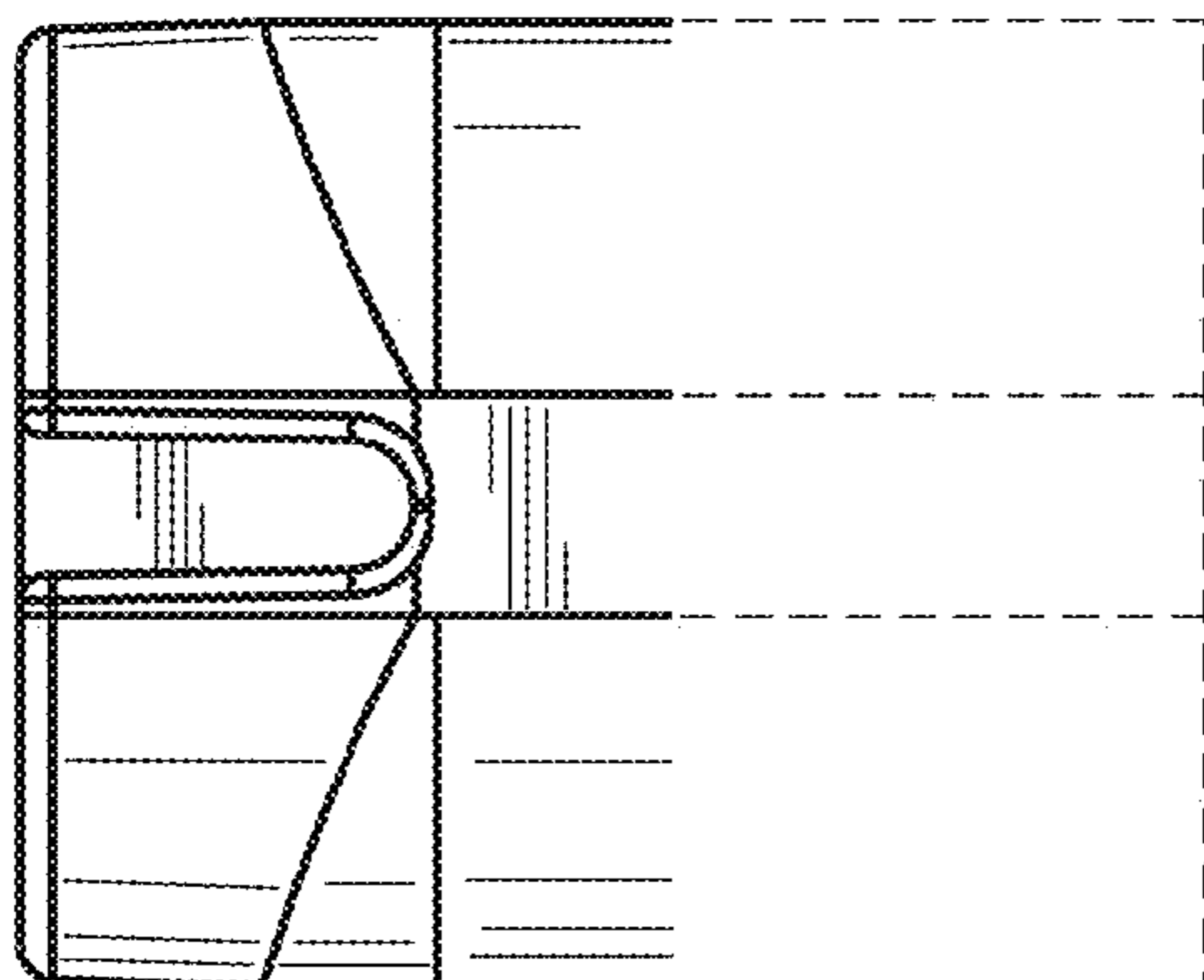


**FIG. 2**

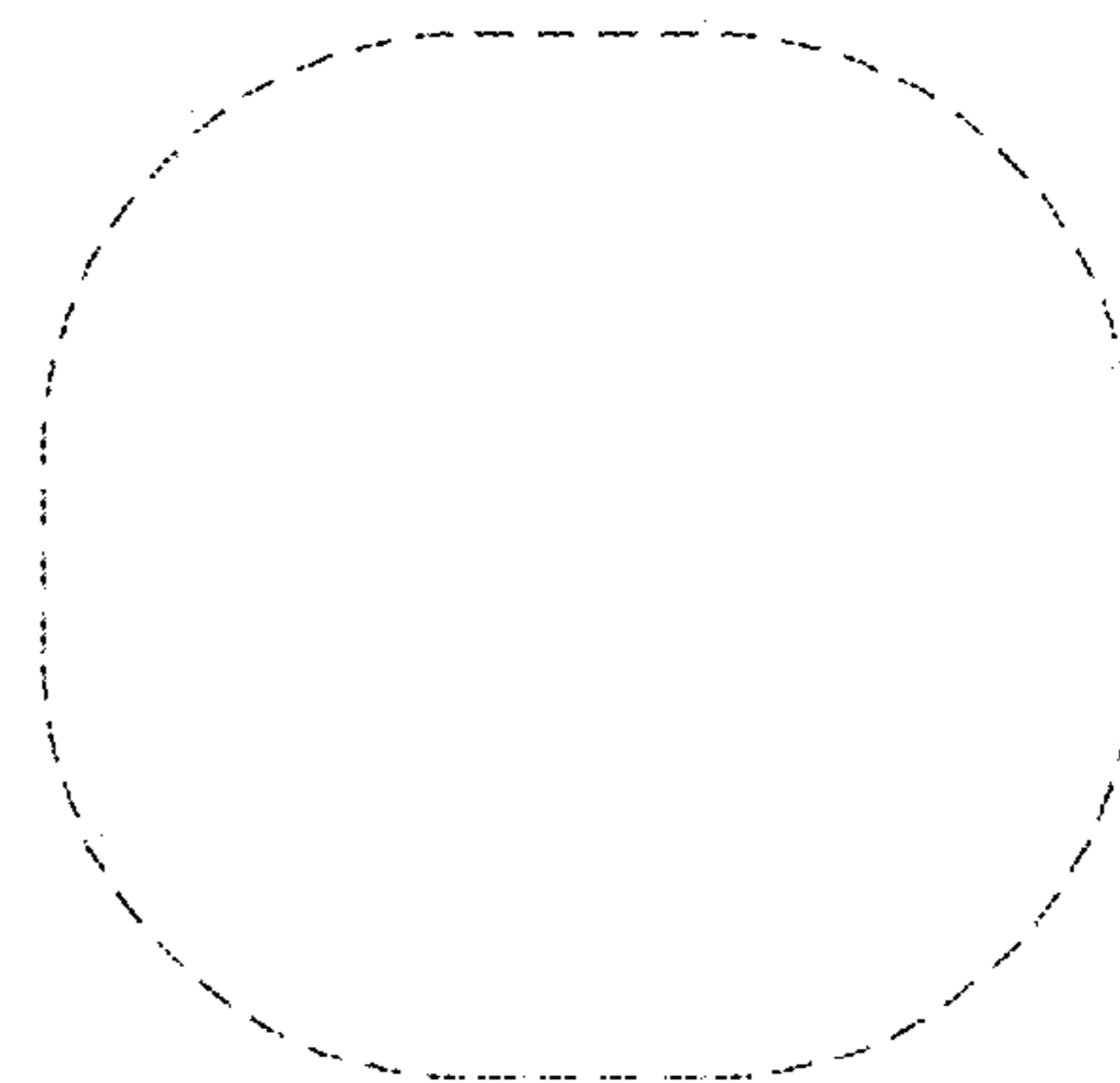




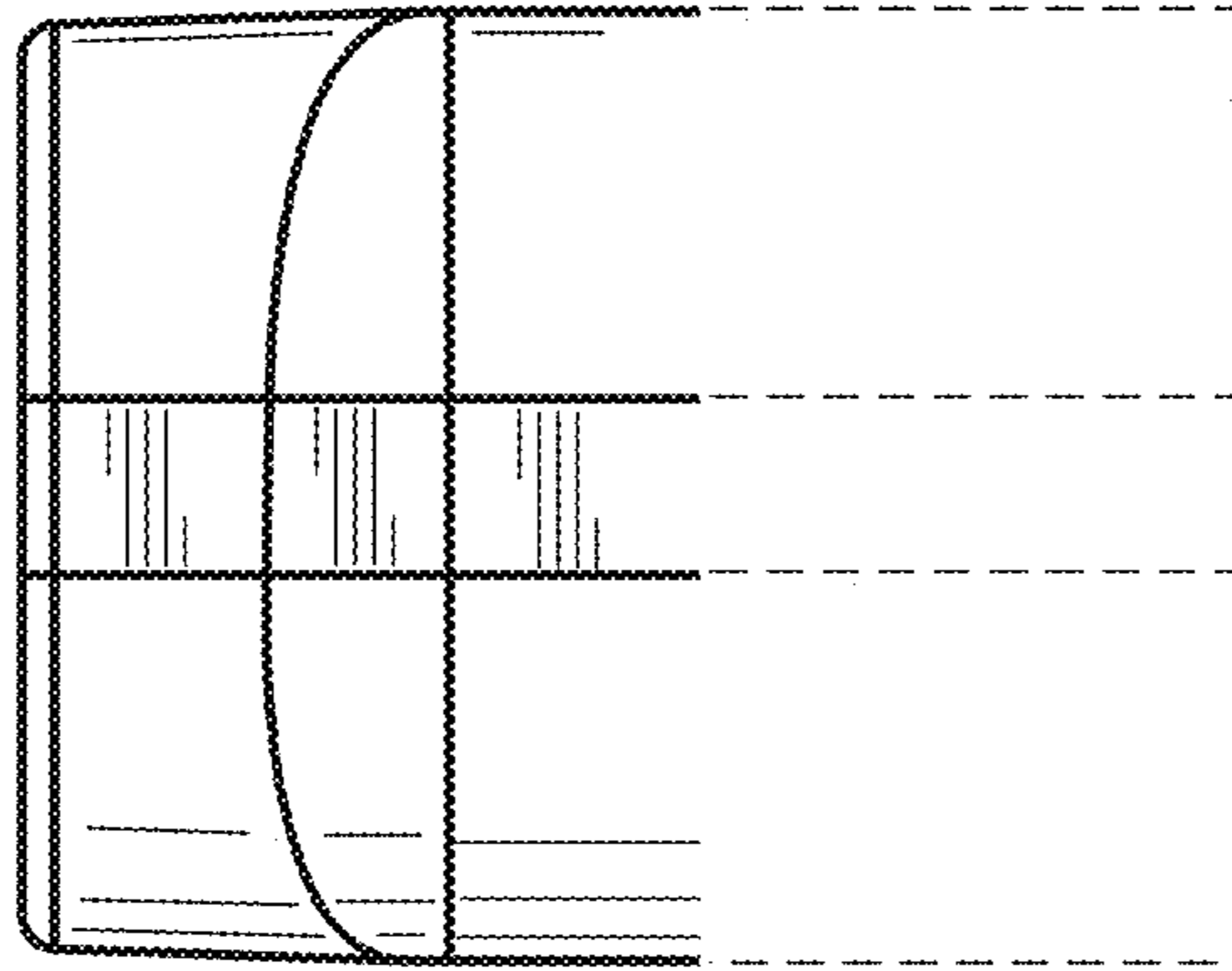
**FIG. 5**



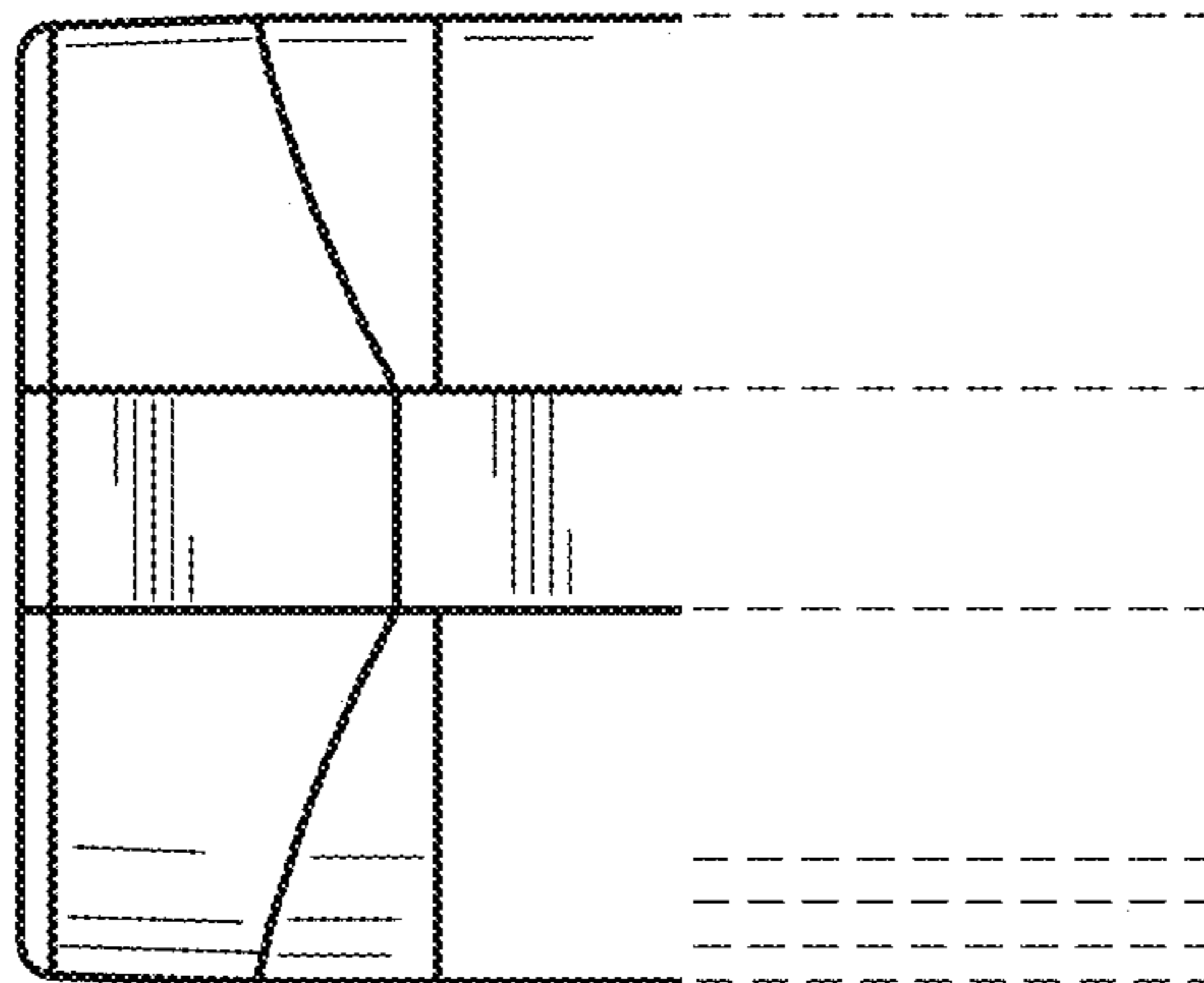
**FIG. 6**



**FIG. 7**



**FIG. 8**



**FIG. 9**

