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(12) **United States Design Patent** (10) **Patent No.:** **US D963,583 S**  
**Yu** (45) **Date of Patent:** **\*\* Sep. 13, 2022**

(54) **ELECTRICAL PLUG**

FOREIGN PATENT DOCUMENTS

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CN 306915034 \* 11/2021  
CN 307094507 \* 2/2022

(72) Inventor: **Xuanzhong Yu**, Ningbo (CN)

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(73) Assignee: **NINGBO XUANHUA ELECTRIC CO., LTD.**, Simen Town (CN)

“30 Amp to 30 Amp RV Adapter Cord with Locking Connector Plug, GearIT 30Amp Male to 30Amp Female Dogbone RV Trailer Camper, NEMA TT-30P to L5-30R, STW 10 Gauge Heavy Duty Electrical Power—12in, 1ft”, first available Jan. 18, 2020. Amazon.com [https://www.amazon.com/dp/B07ZL4XQ4Q] (Year: 2020).\*

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

(Continued)

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(22) Filed: **Jan. 29, 2021**

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

*Primary Examiner* — Rosemary K Tarcza

(52) **U.S. Cl.**  
USPC ..... **D13/138.2**

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(58) **Field of Classification Search**

USPC ... D13/123, 133, 137.1, 137.2, 137.3, 137.4,  
D13/138.1, 138.2, 139.1, 139.2, 139.3,  
D13/139.4, 139.5, 139.6, 139.7, 139.8,  
D13/151, 152, 153, 154, 155, 156, 157,  
D13/158, 159, 184, 199, 103, 107, 108  
CPC ..... H01R 13/00; H01R 13/03; H01R 13/04;  
H01R 13/10; H01R 13/35; H01R 13/44;  
H01R 13/453; H01R 13/4534; H01R  
13/502; H01R 13/514; H01R 13/631;  
H01R 13/639; H01R 13/6633; H01R  
13/6666; H01R 13/6675; H01R 13/7135;  
H01R 31/02; H01R 31/06; H01R 31/065

See application file for complete search history.

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of the electrical plug illustrating my new design;  
FIG. 2 is an elevation view of the left side of the electrical plug of FIG. 1;  
FIG. 3 is an elevation view of the right side of the electrical plug of FIG. 1;  
FIG. 4 is a top plan view of the electrical plug of FIG. 1;  
FIG. 5 is a bottom plan view of the electrical plug of FIG. 1;  
FIG. 6 is an elevation view of the forward end of the electrical plug of FIG. 1; and,  
FIG. 7 is an elevation view of the rearward end of the electrical plug of FIG. 1.

The broken lines are for the purpose of illustrating portions of the electrical plug that form no part of the claimed design.

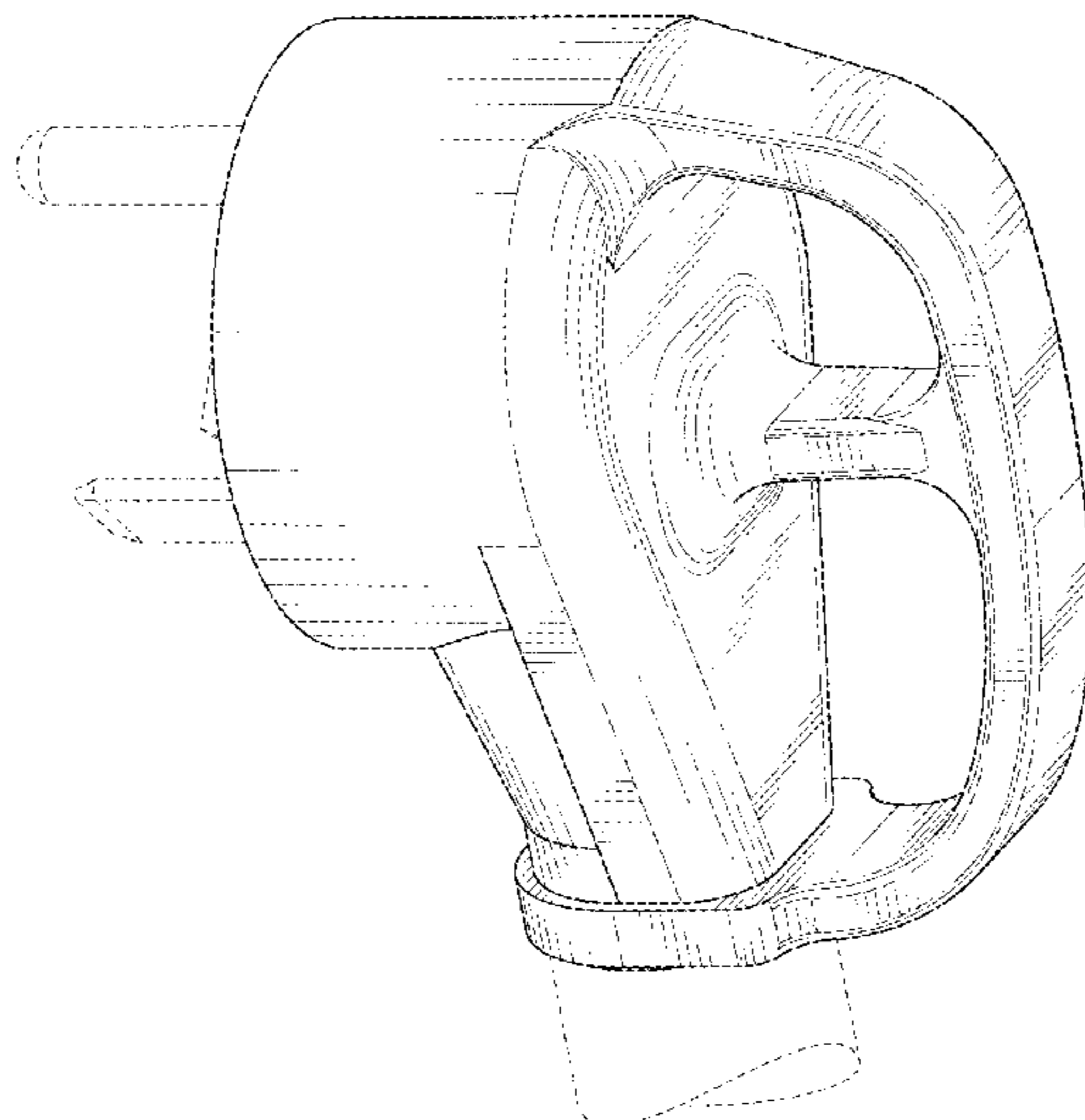
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**1 Claim, 7 Drawing Sheets**



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“CircleCord 30 Amp to 15 Amp 110 RV Adapter Cord, NEMA 5-15P Male to TT-30R Female Electrical Power Dogbone with Grip Handle, Heavy Duty STW 10 Gauge for RV Trailer Camper”, first available Dec. 26, 2020. Amazon.com [<https://www.amazon.com/dp/B08RBKQ1JG>] (Year: 2020).\*

“ParkPower by Marinco 50 Amp, 125/250V Locking W/Sealing Collar Male Plug to 50 Amp, 125/250V Locking Female Side Yellow Right Angle Adapter”, first available Nov. 12, 2009. Amazon.com [<https://www.amazon.com/dp/B002XLHNAY>] (Year: 2009).\*

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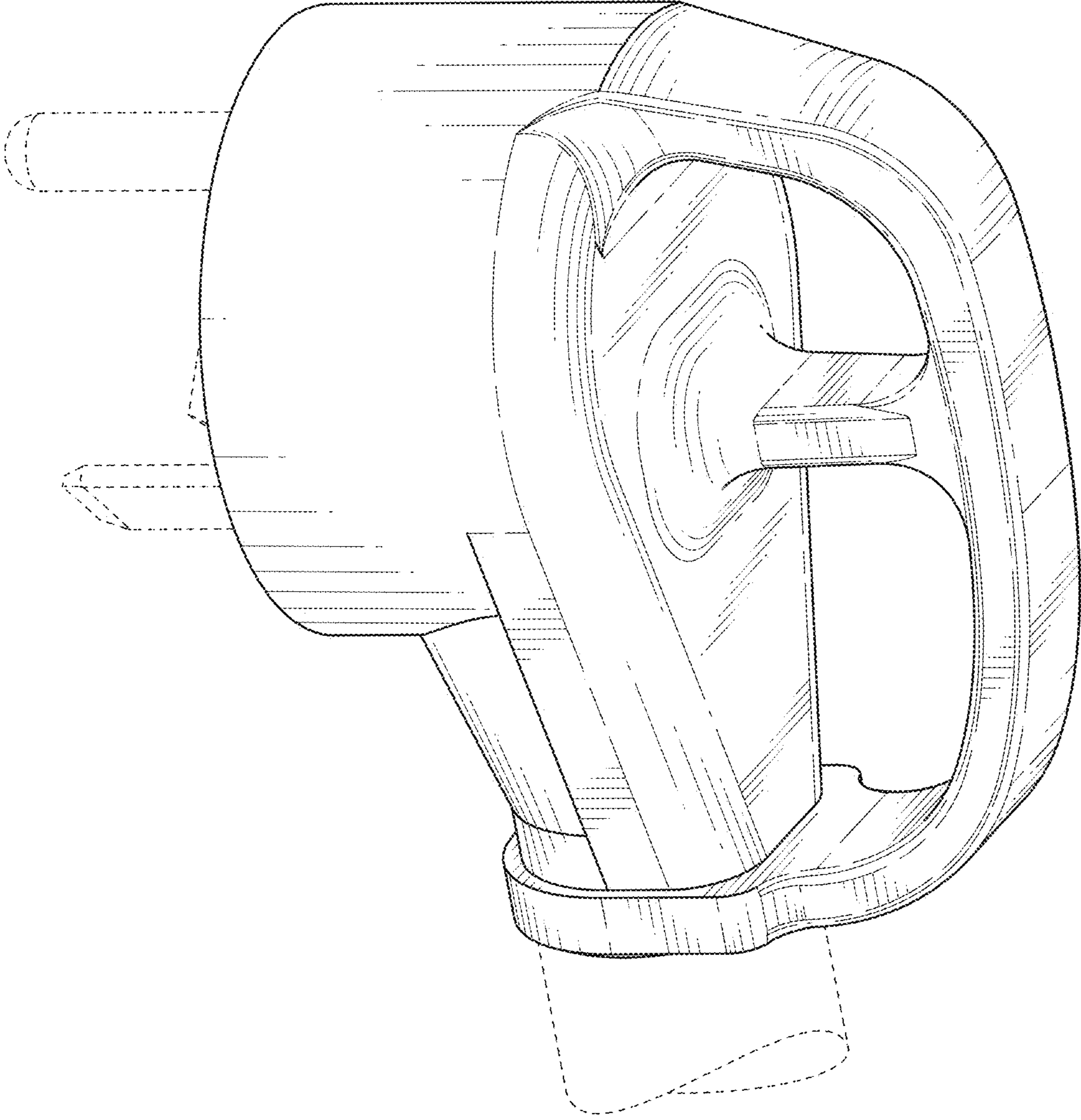


FIG. 1

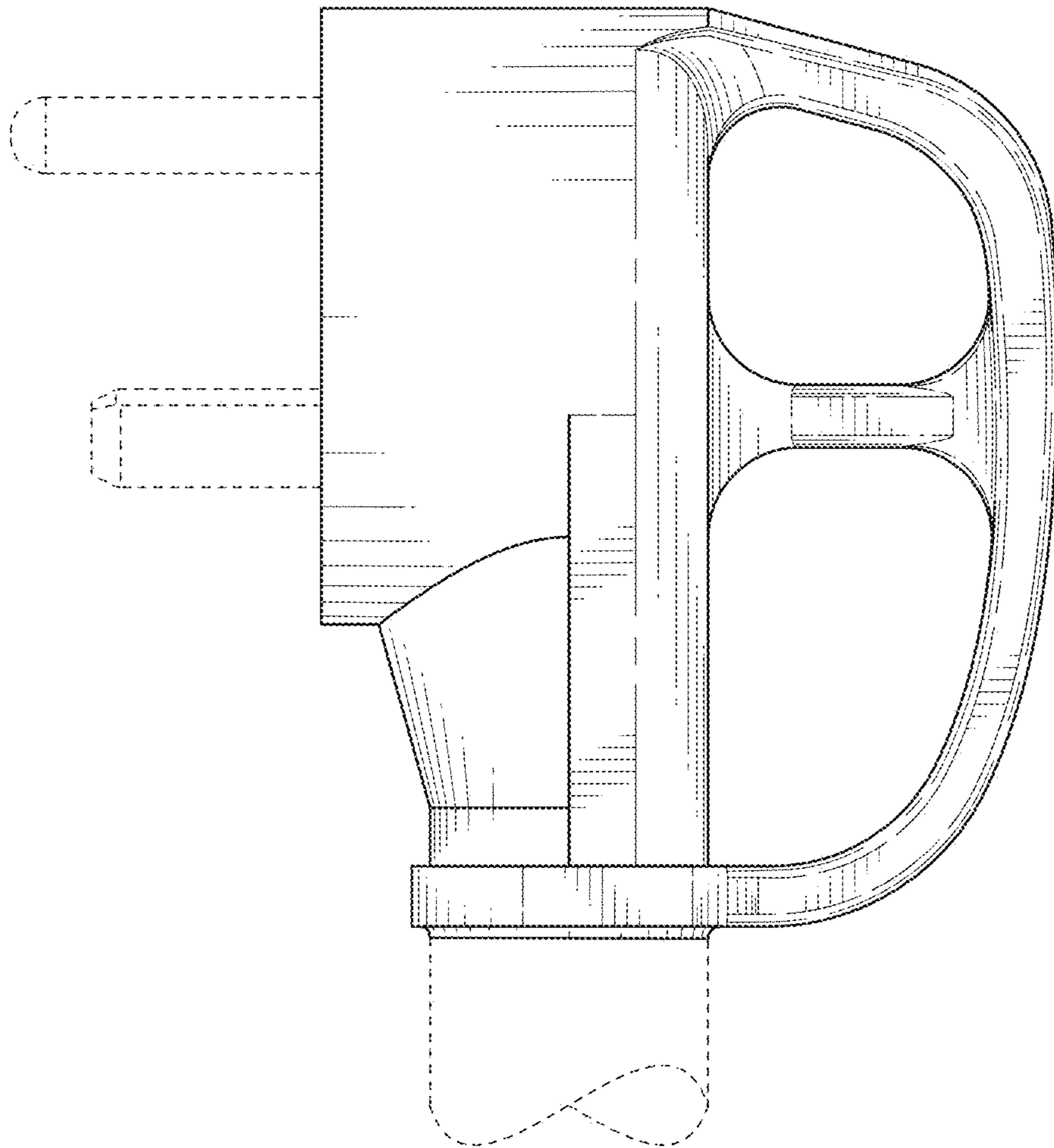


FIG. 2

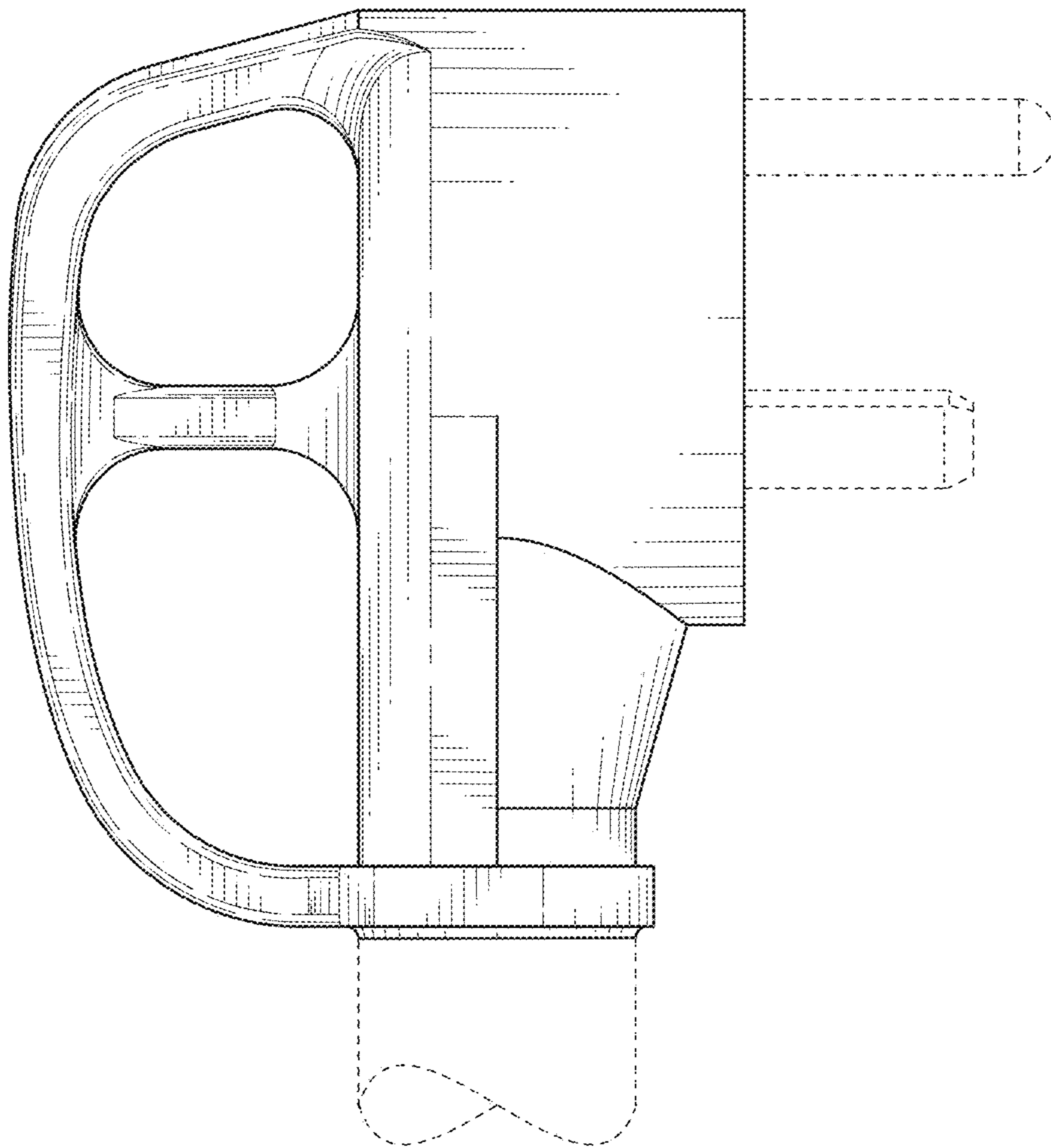


FIG. 3

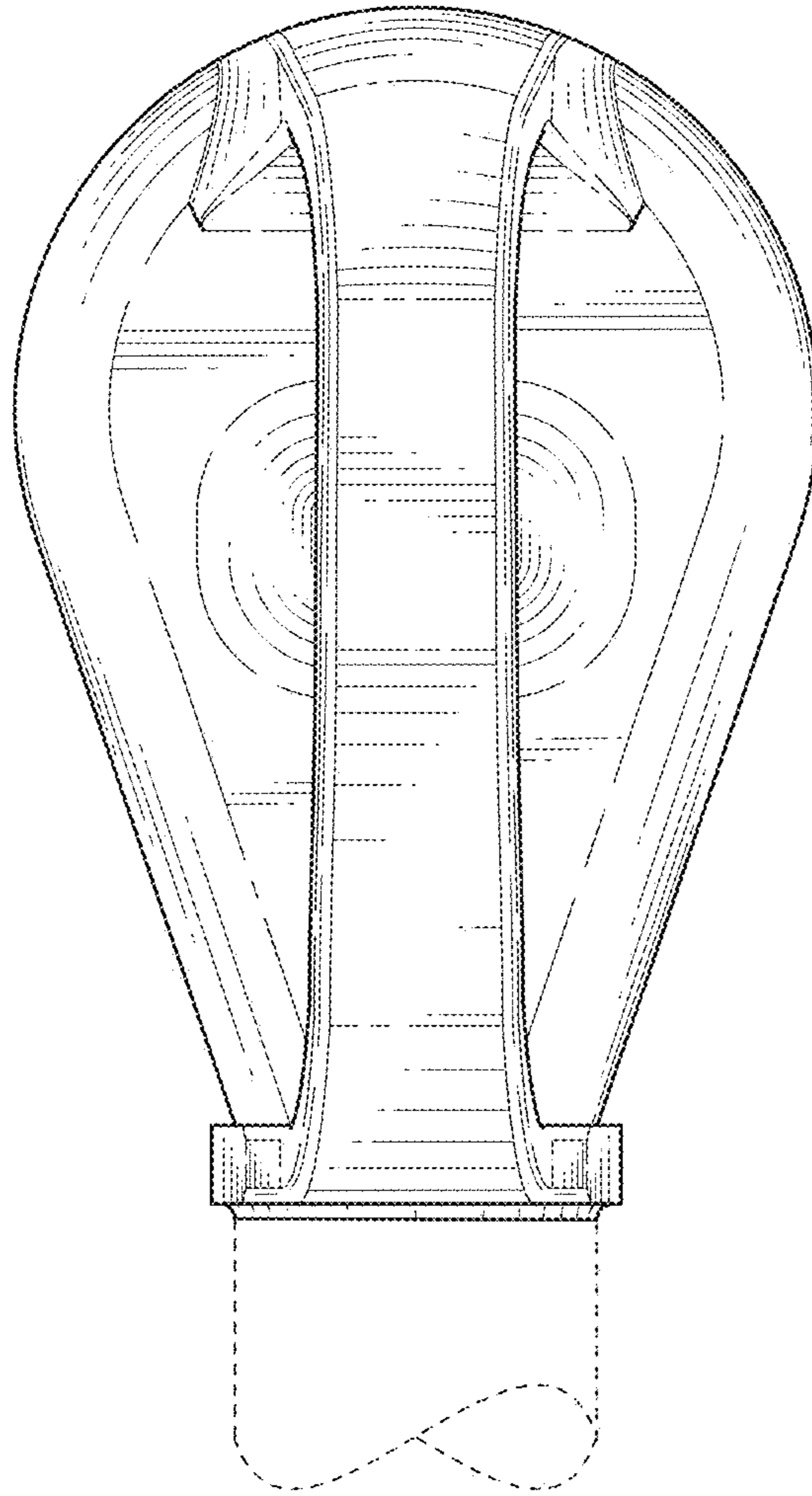


FIG. 4

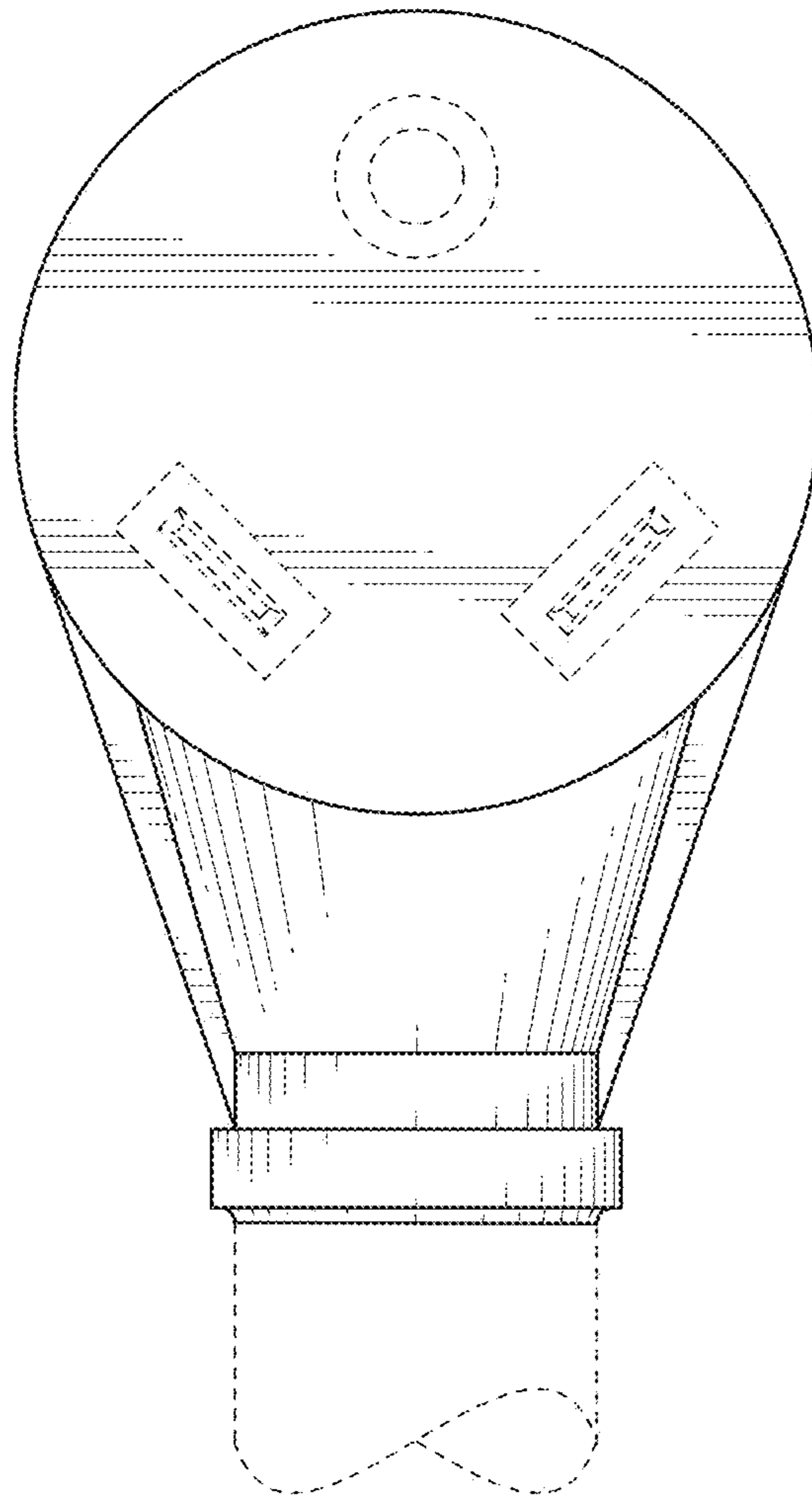


FIG. 5

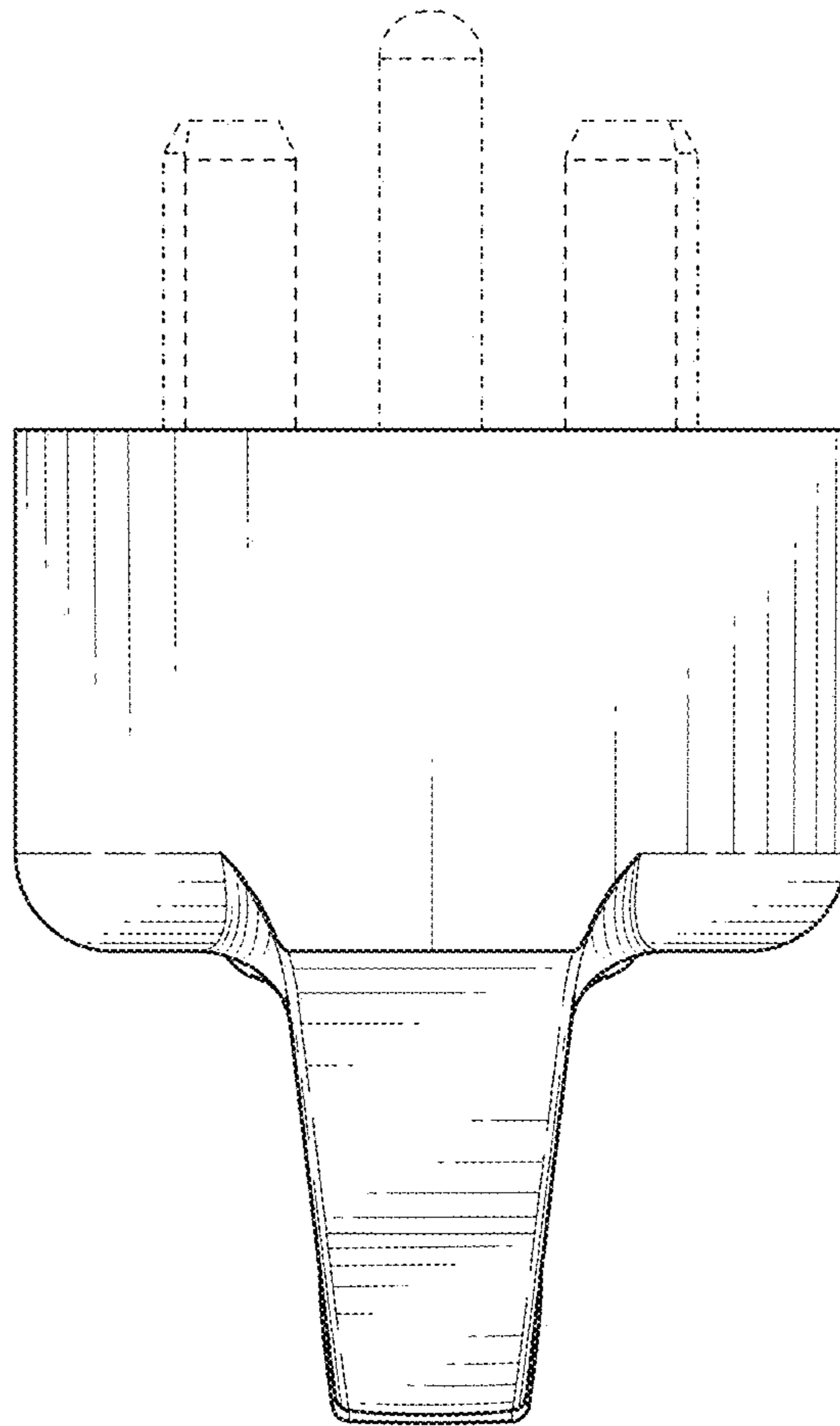
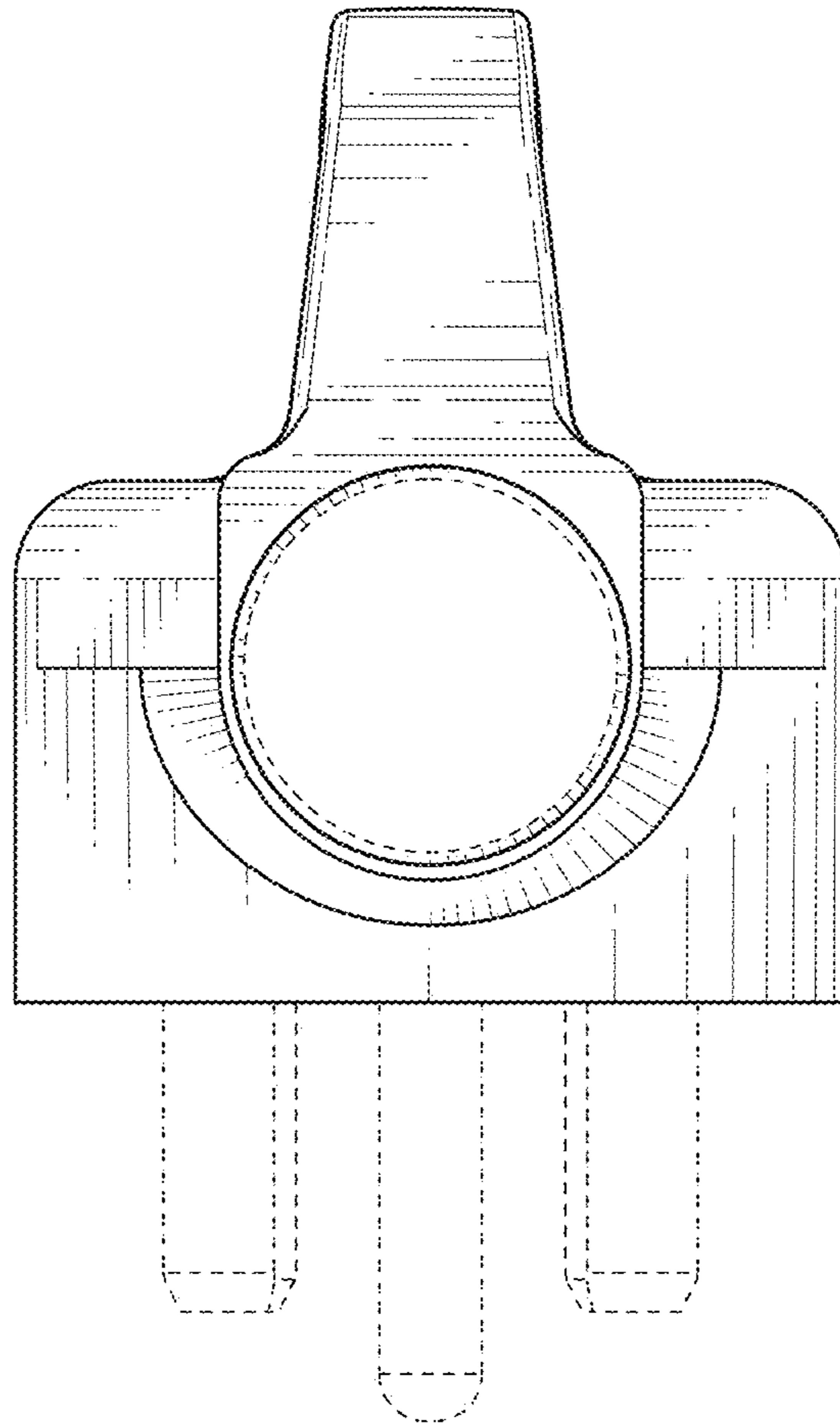


FIG. 6





*FIG. 7*