



US00D811254S

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

(10) **Patent No.:** **US D811,254 S**
(45) **Date of Patent:** **** Feb. 27, 2018**

(54) **WATER LEAK DETECTOR**
(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)
(72) Inventors: **Hophil Lee**, Seoul (KR); **Kyoungjoung Kim**, Seoul (KR); **Bonghui Kang**, Seoul (KR)
(73) Assignee: **LG Electronics Inc.**, Seoul (KR)
(**) Term: **15 Years**
(21) Appl. No.: **35/502,243**
(22) Filed: **Jul. 6, 2016**
(80) **Hague Agreement Data**
Int. Filing Date: **Jul. 6, 2016**
Int. Reg. No.: **DM/091701**
Int. Reg. Date: **Jul. 6, 2016**
Int. Reg. Pub. Date: **Jan. 6, 2017**

(30) **Foreign Application Priority Data**
Jan. 7, 2016 (KR) 30-2016-0000687
(51) **LOC (11) Cl.** **10-04**
(52) **U.S. Cl.**
USPC **D10/101; D10/56; D10/96**
(58) **Field of Classification Search**
USPC D10/49, 50, 52, 53, 56, 96, 101, 104.1, D10/106.1; D14/168, 358
CPC G08B 21/02; G08B 21/18; G08B 21/182; G08B 21/20; G08B 3/00; G08B 19/00; G08B 19/02; G01D 7/00; G01D 11/24; G01D 11/245; G01F 23/00; G01F 23/242; G01M 3/16; G01M 3/38; G01N 33/0031; G01N 33/0032
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D255,102 S * 5/1980 Ross D10/46
D363,444 S * 10/1995 Davis D10/101

D619,023 S * 7/2010 Brooking D10/56
D675,543 S * 2/2013 Brooking D10/56
D675,544 S * 2/2013 Brooking D10/56
D675,945 S * 2/2013 Brooking G01M 3/16
D10/56
D703,564 S * 4/2014 Steffahn D10/101
D709,395 S * 7/2014 Scharf G01M 3/16
D10/106.1
D724,983 S * 3/2015 Yin D10/101
D726,053 S * 4/2015 Yin D10/101
D782,354 S * 3/2017 Lovin D10/101
D787,967 S * 5/2017 Rhoads D10/101
D802,462 S * 11/2017 Morneau D10/101

* cited by examiner

Primary Examiner — Darlington Ly
(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

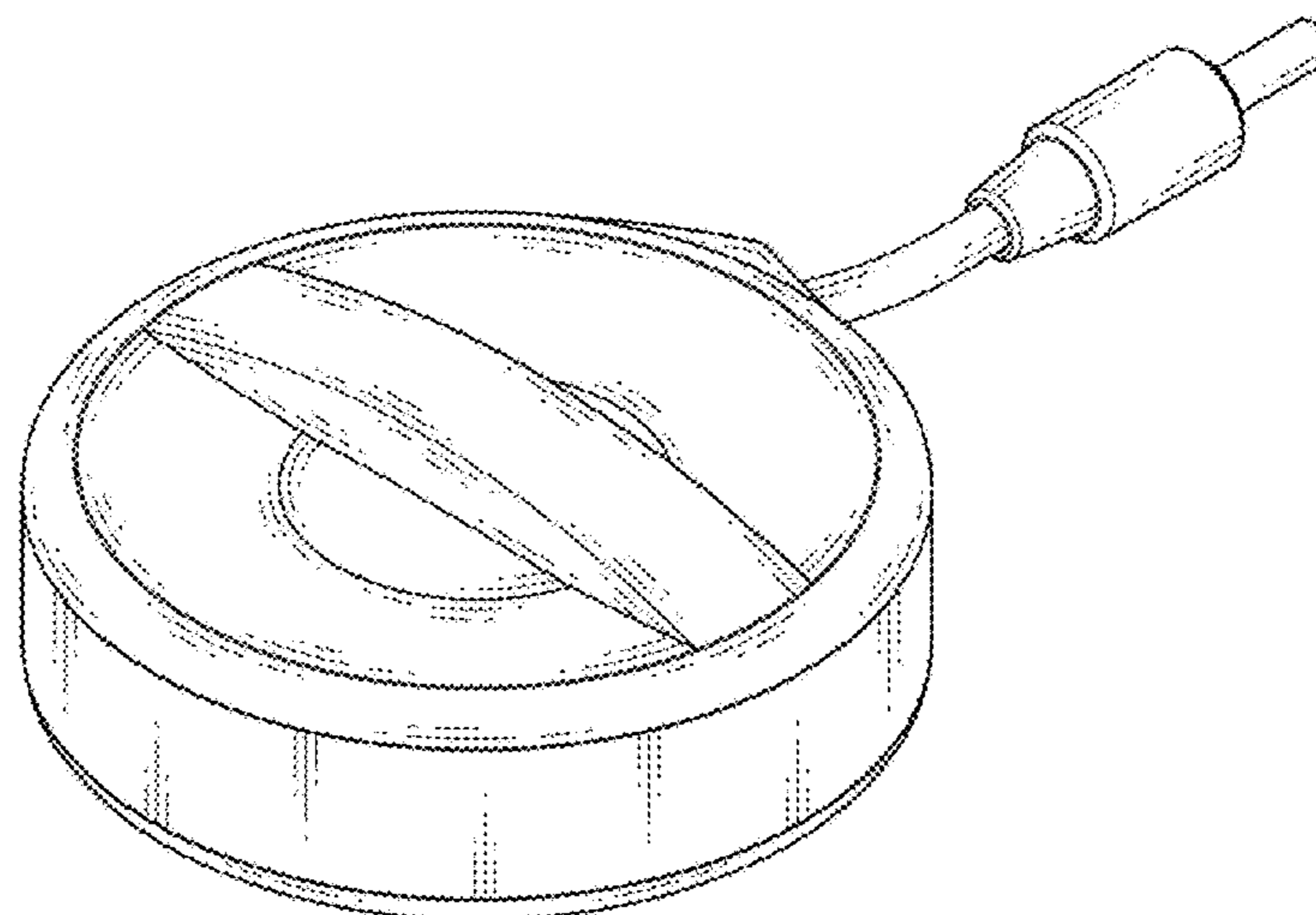
(57) **CLAIM**

The ornamental design for a water leak detector, as shown and described.

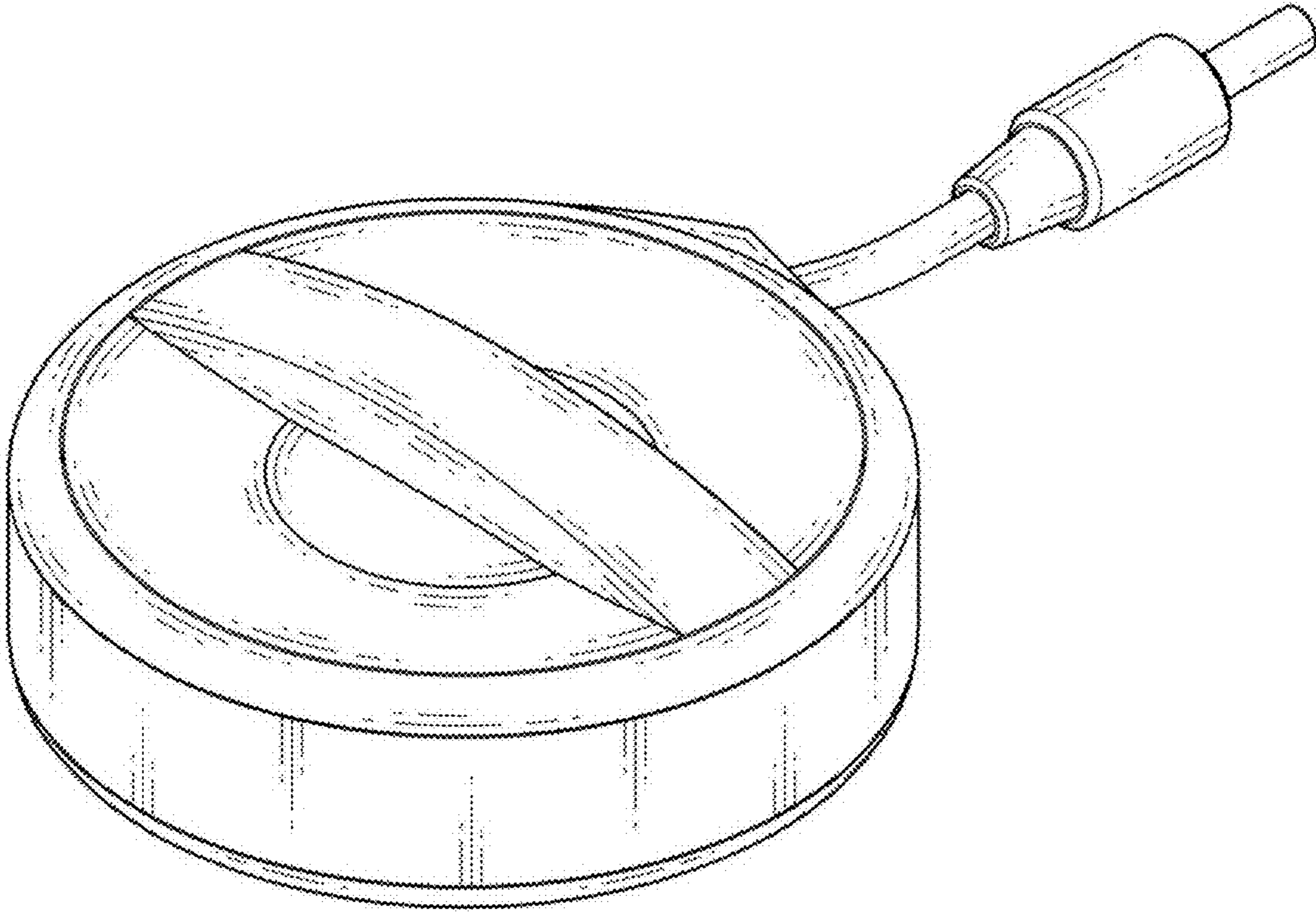
DESCRIPTION

1. Water leak detector
1.1 is a top perspective view of a water leak detector showing our new design;
1.2 is a front elevation view thereof;
1.3 is a rear elevation view thereof;
1.4 is a left side elevation view thereof;
1.5 is a right side elevation view thereof;
1.6 is a top plan view thereof;
1.7 is a bottom plan view thereof; and
1.8 is a top perspective view thereof with an exemplary base structure.
The broken lines in the reproductions illustrate portions of the water leak detector and an exemplary base structure that form no part of the claimed design.

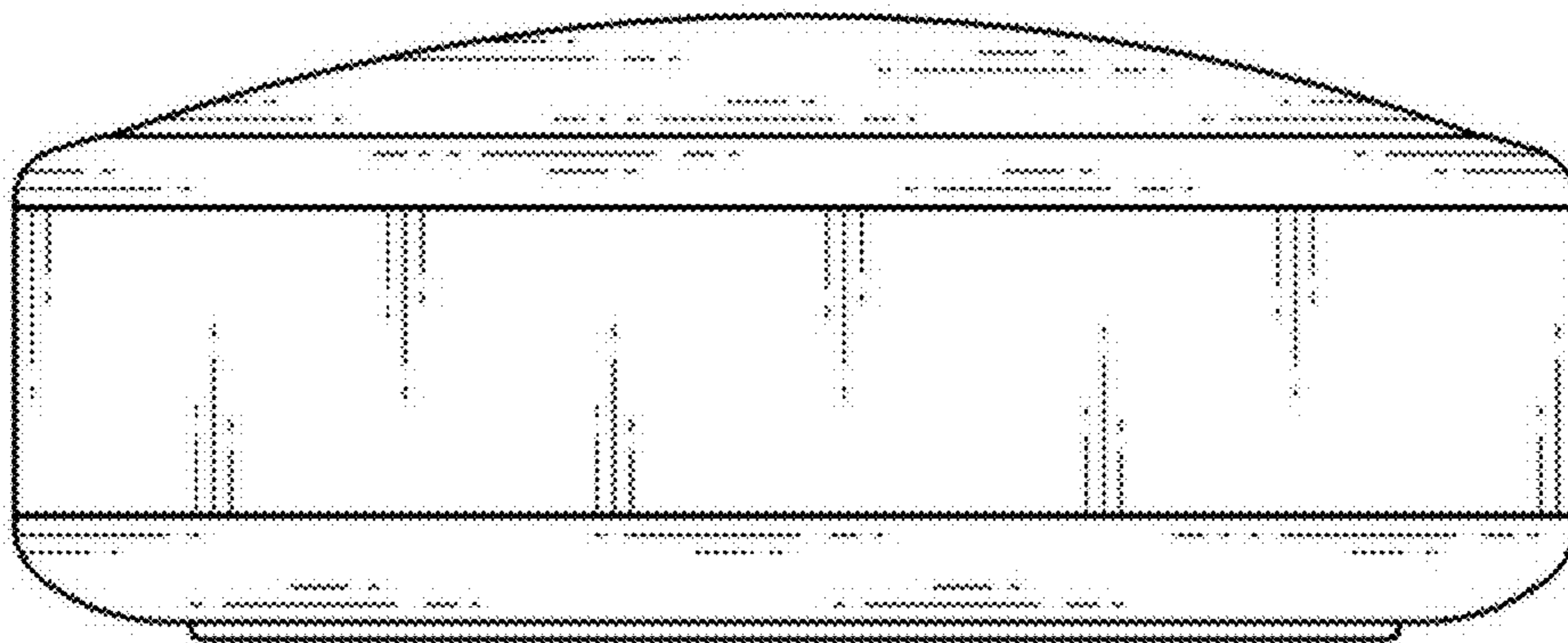
1 Claim, 8 Drawing Sheets



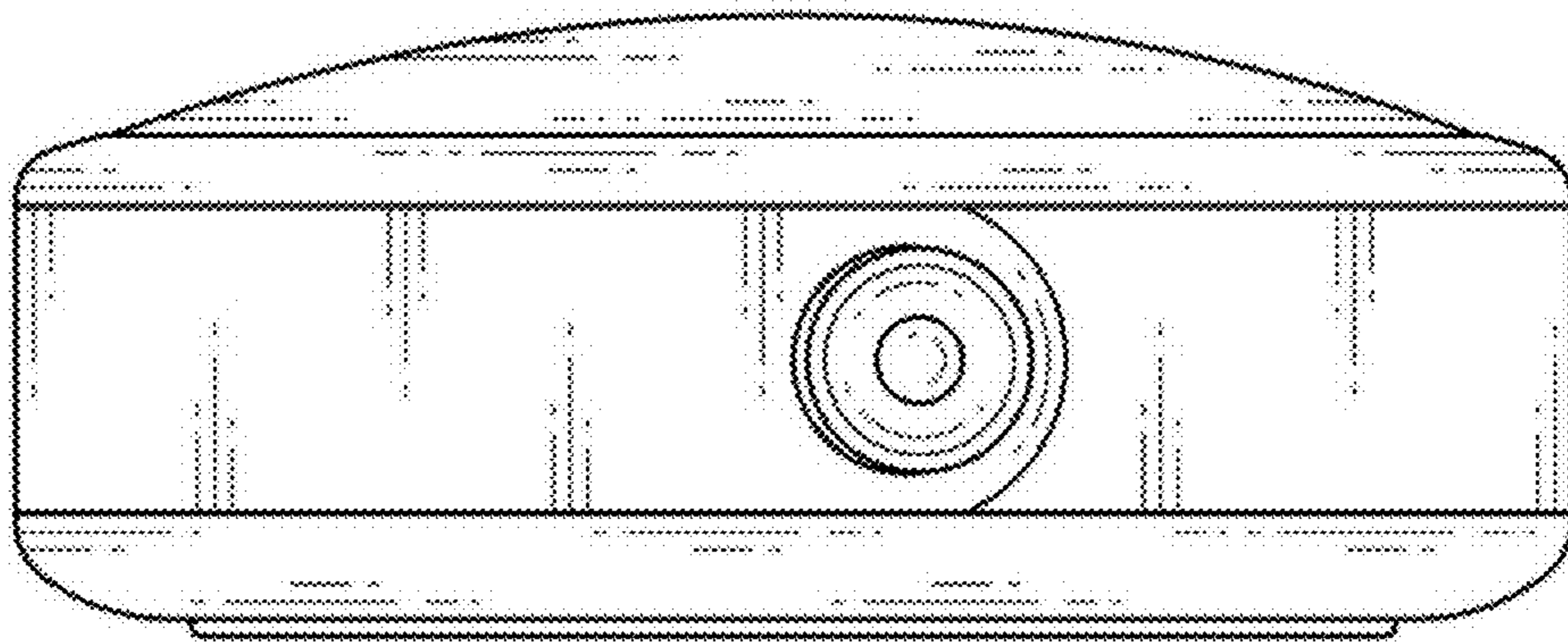
1.1



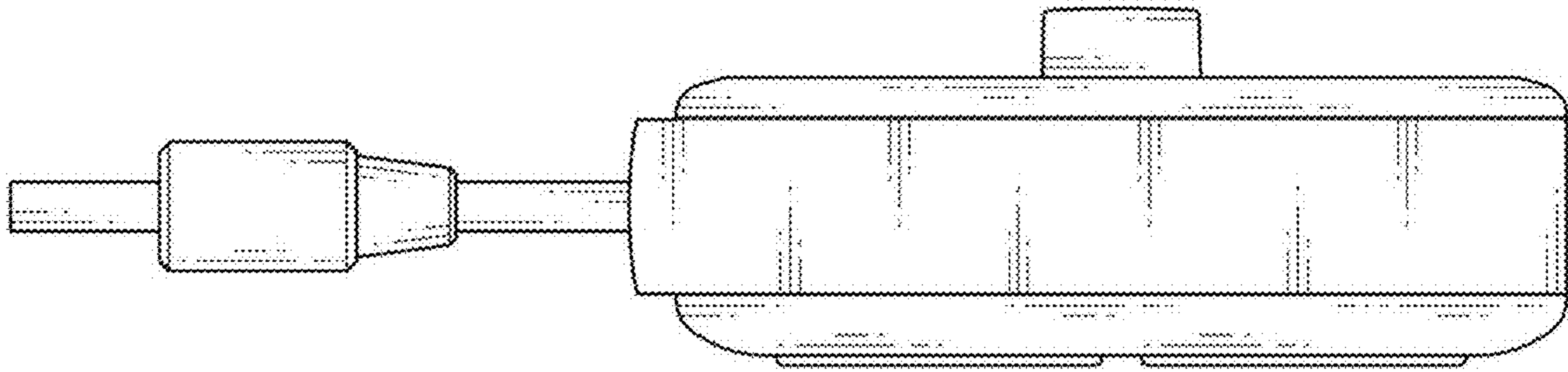
1.2



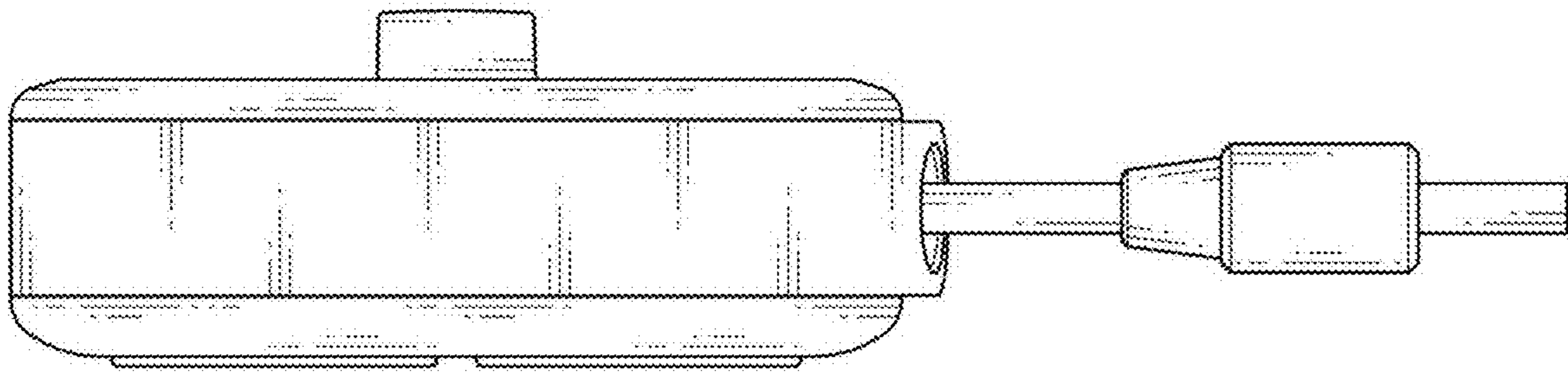
1.3



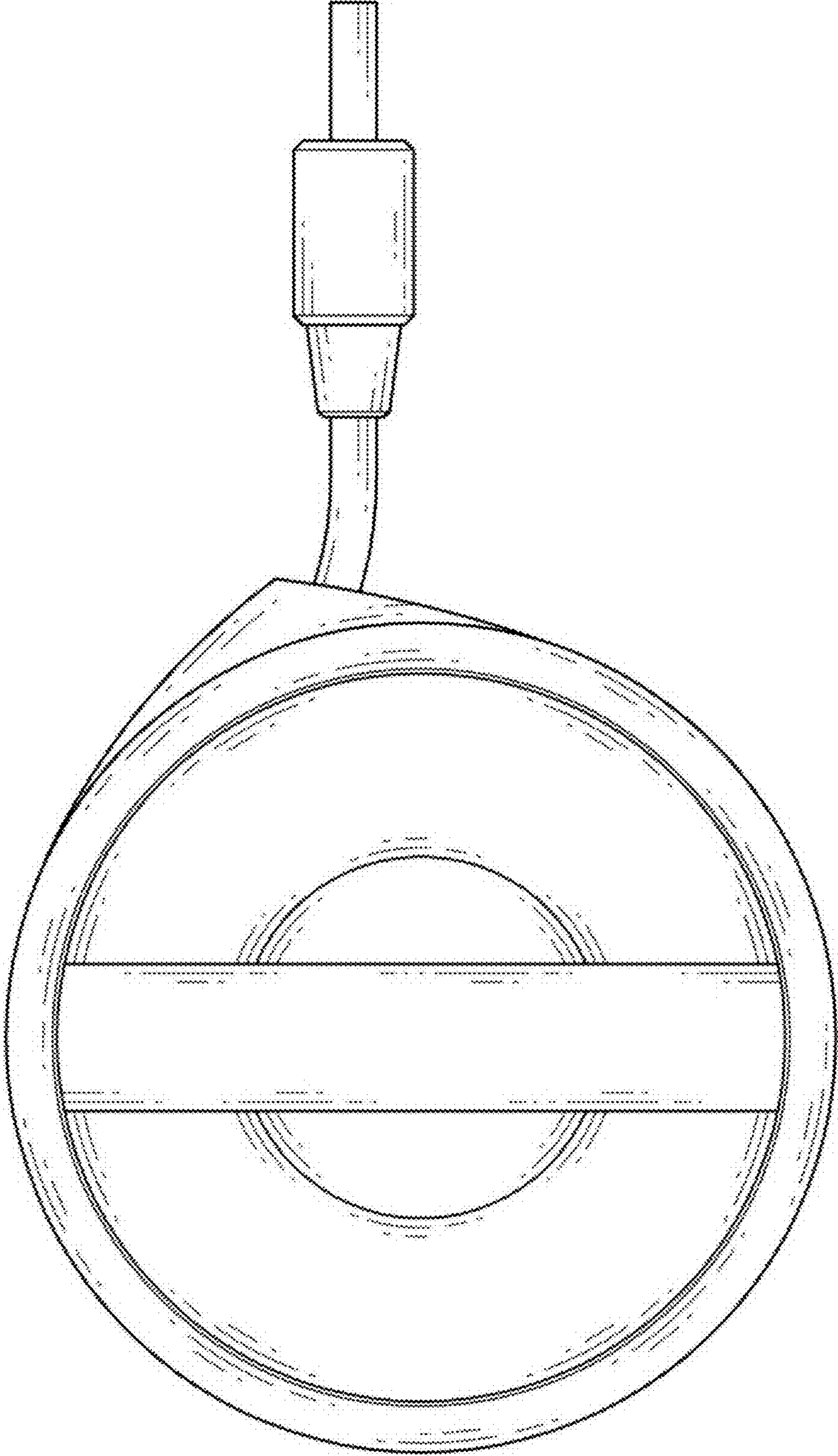
1.4



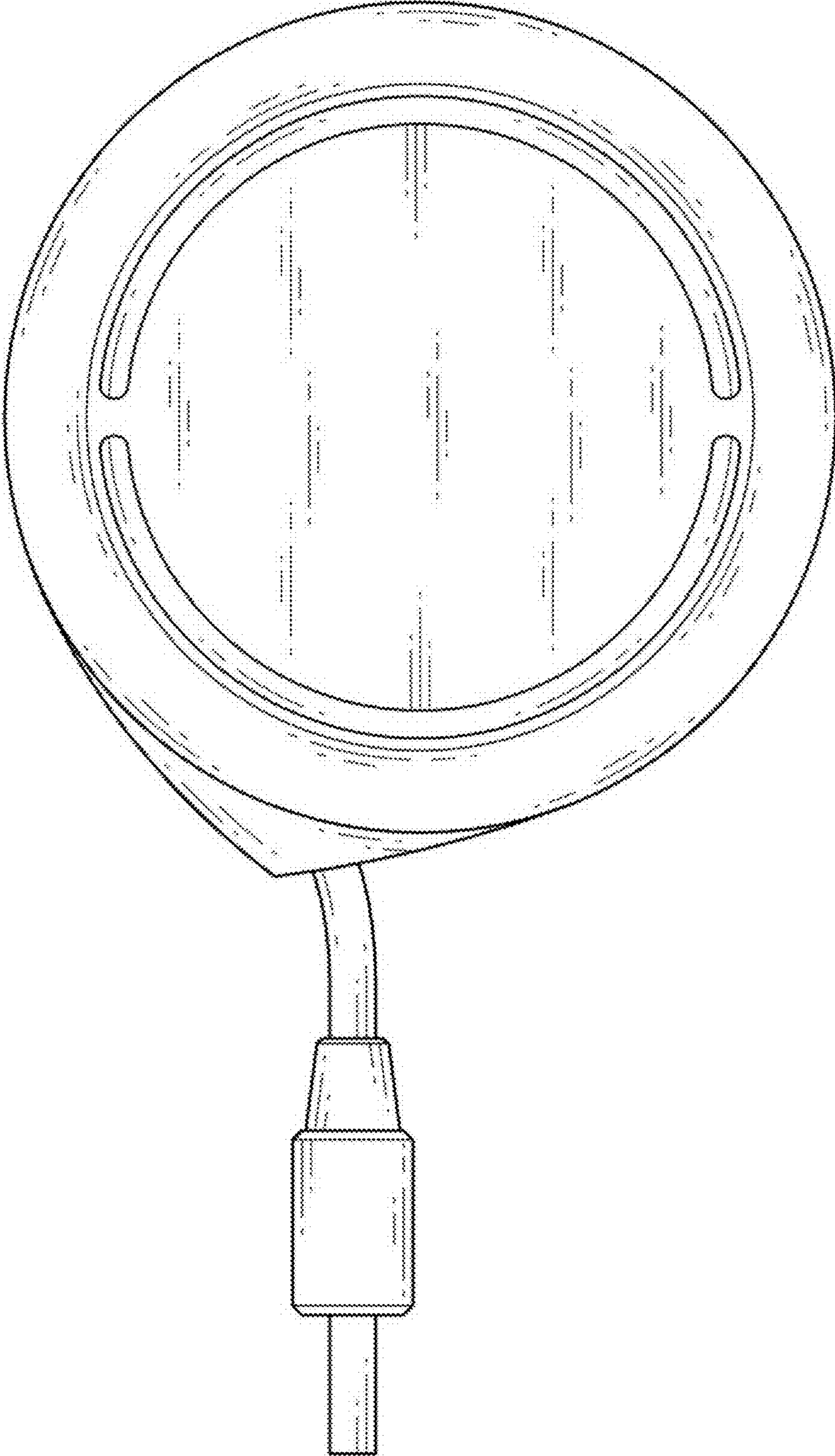
1.5



1.6



1.7



1.8

