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

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(45) **Date of Patent:** **\*\* Feb. 27, 2018**

(54) **WATER LEAK DETECTOR**  
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(72) Inventors: **Hophil Lee**, Seoul (KR); **Kyoungjoung Kim**, Seoul (KR); **Bonghui Kang**, Seoul (KR)  
(73) Assignee: **LG Electronics Inc.**, Seoul (KR)  
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(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.

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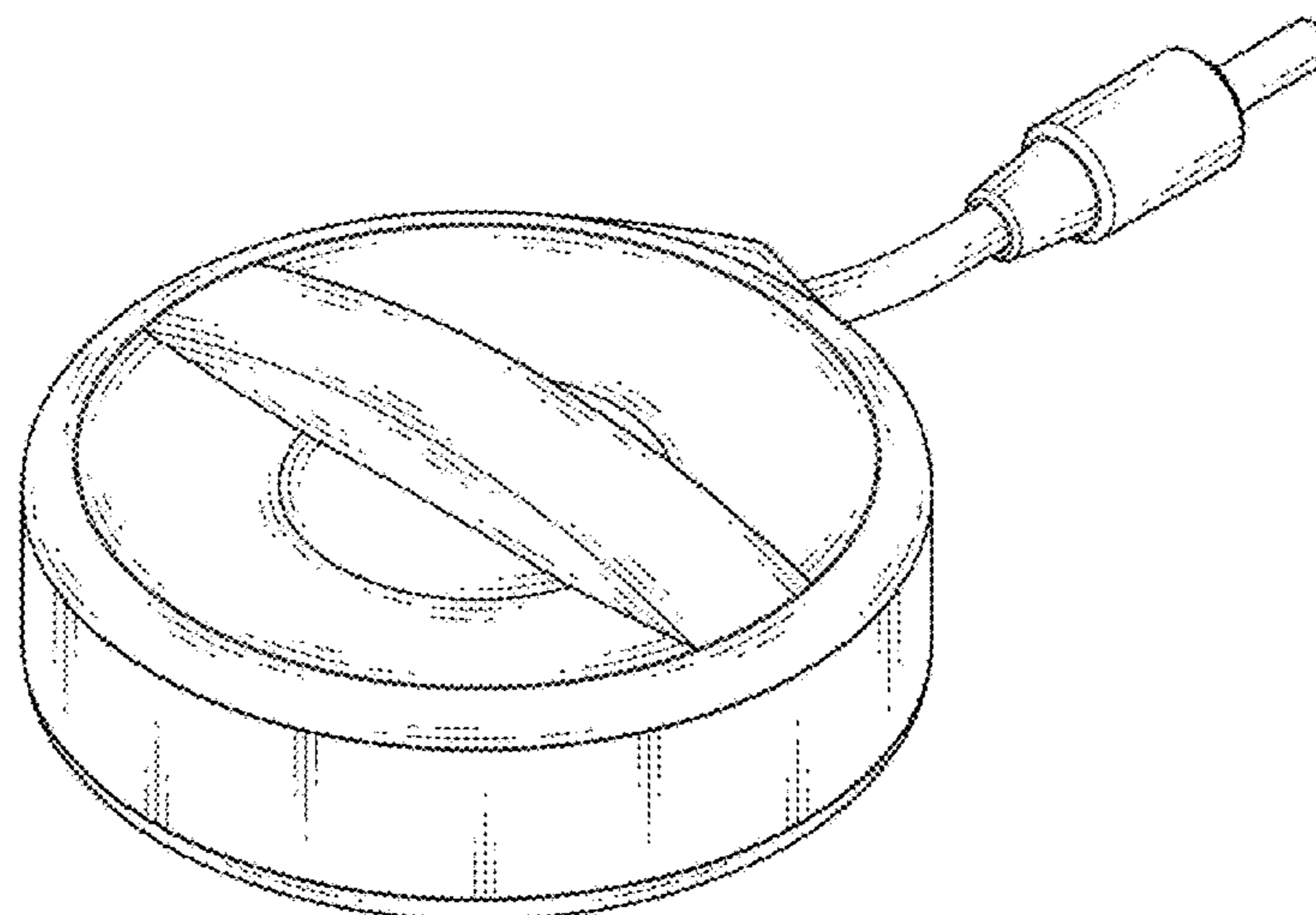
(57) **CLAIM**

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

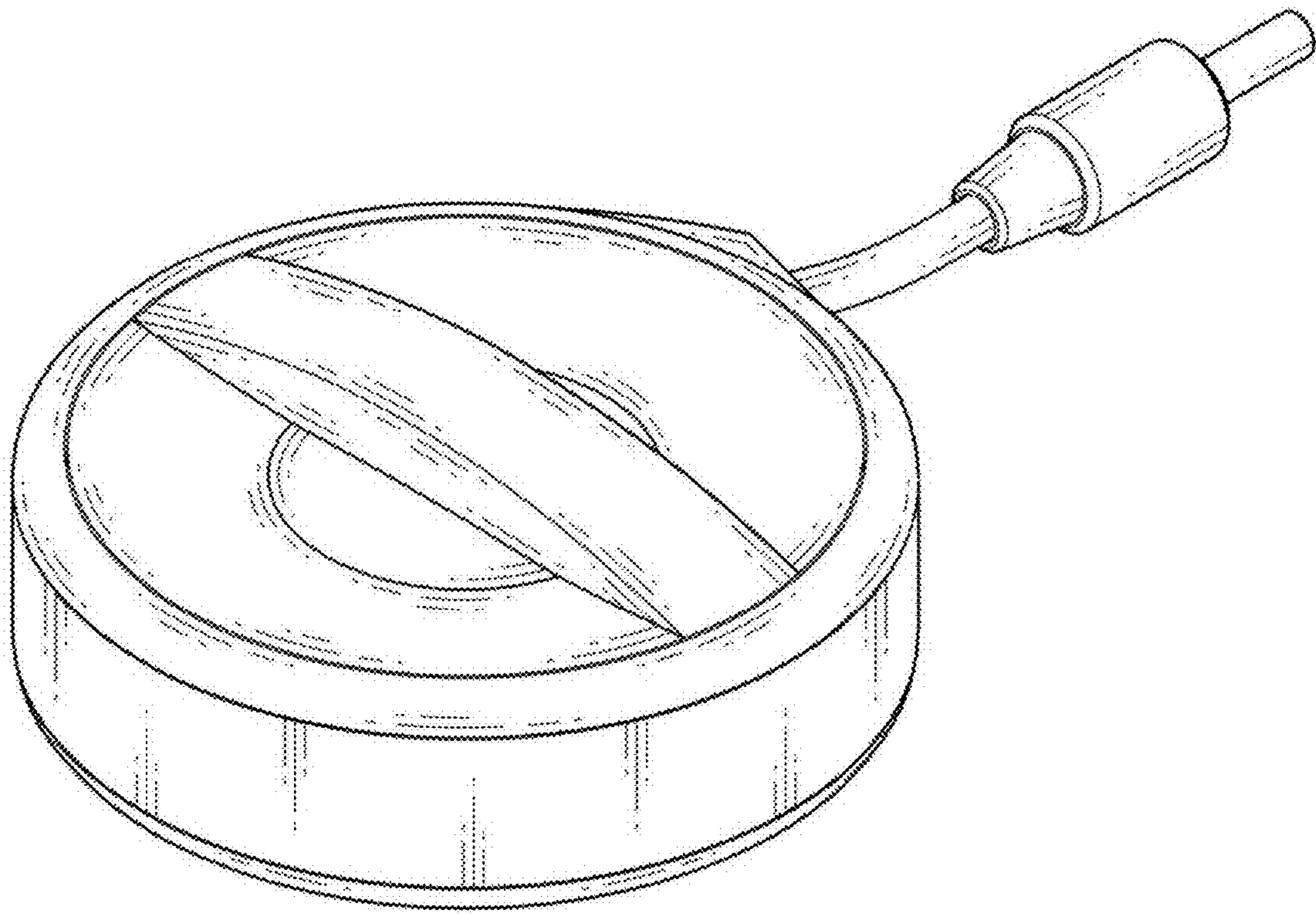
**DESCRIPTION**

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.

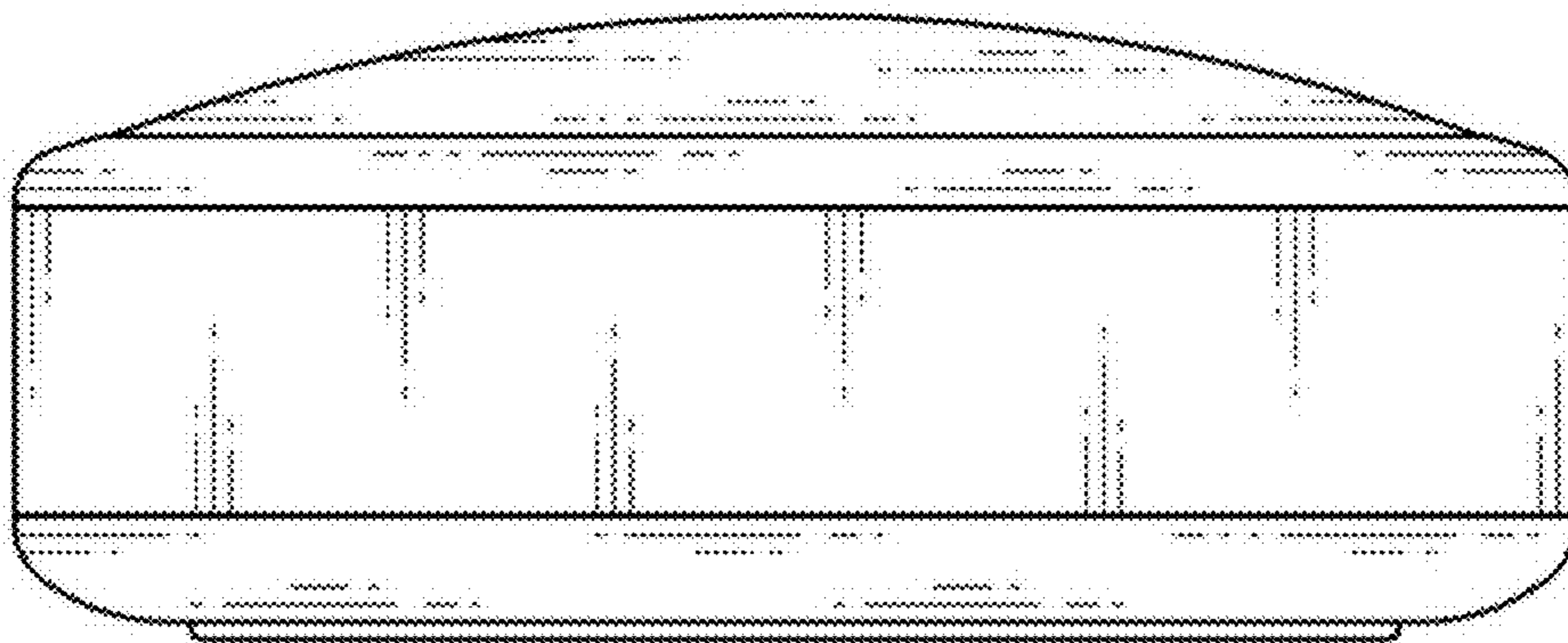
**1 Claim, 8 Drawing Sheets**



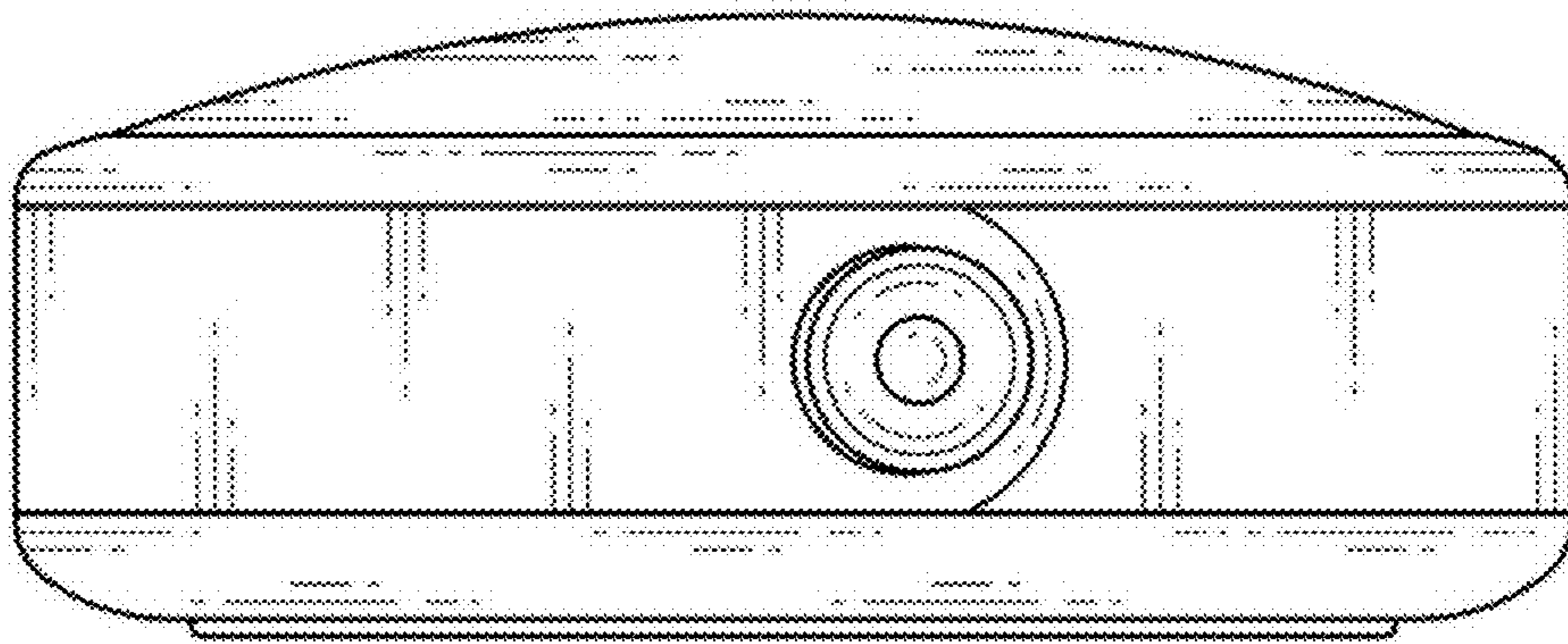
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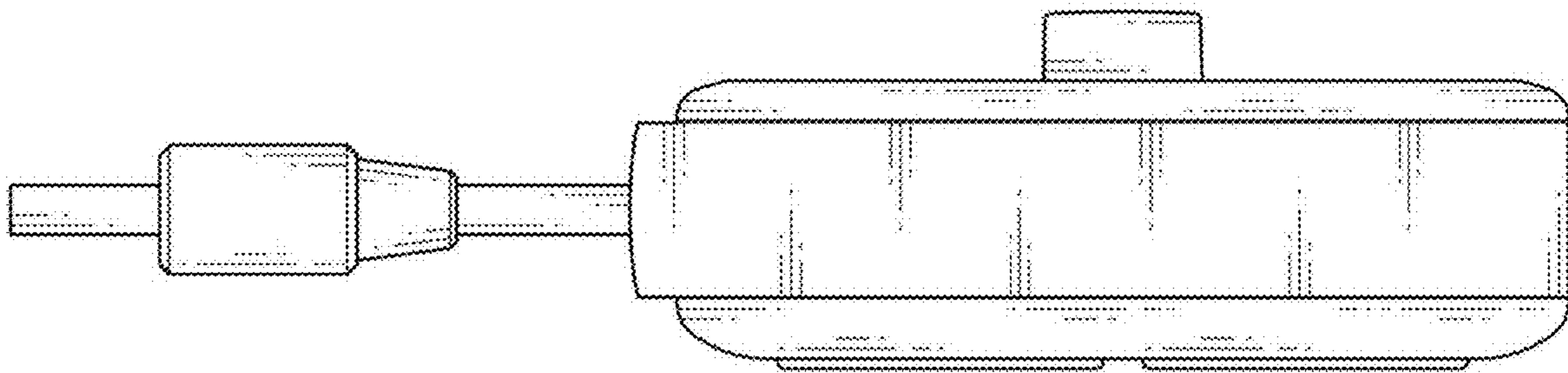
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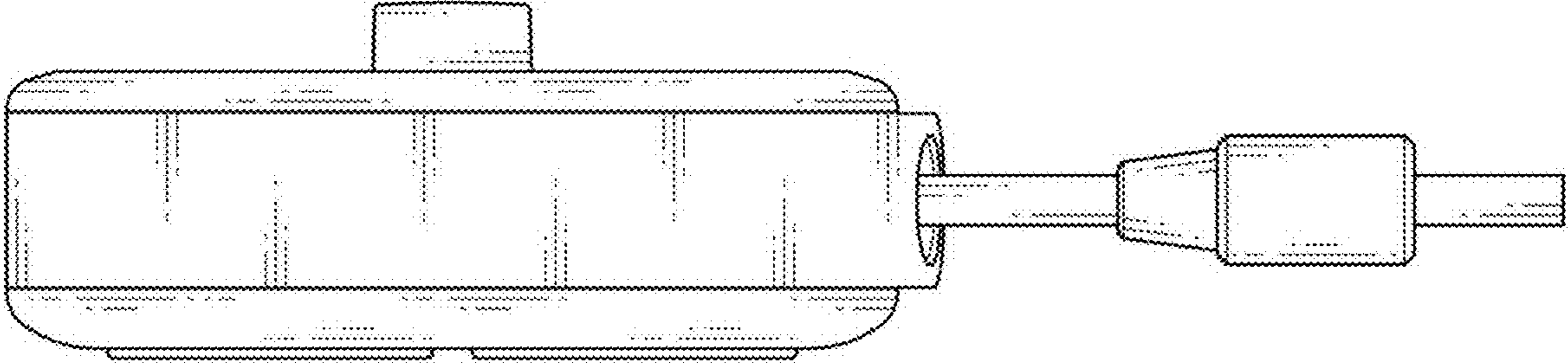
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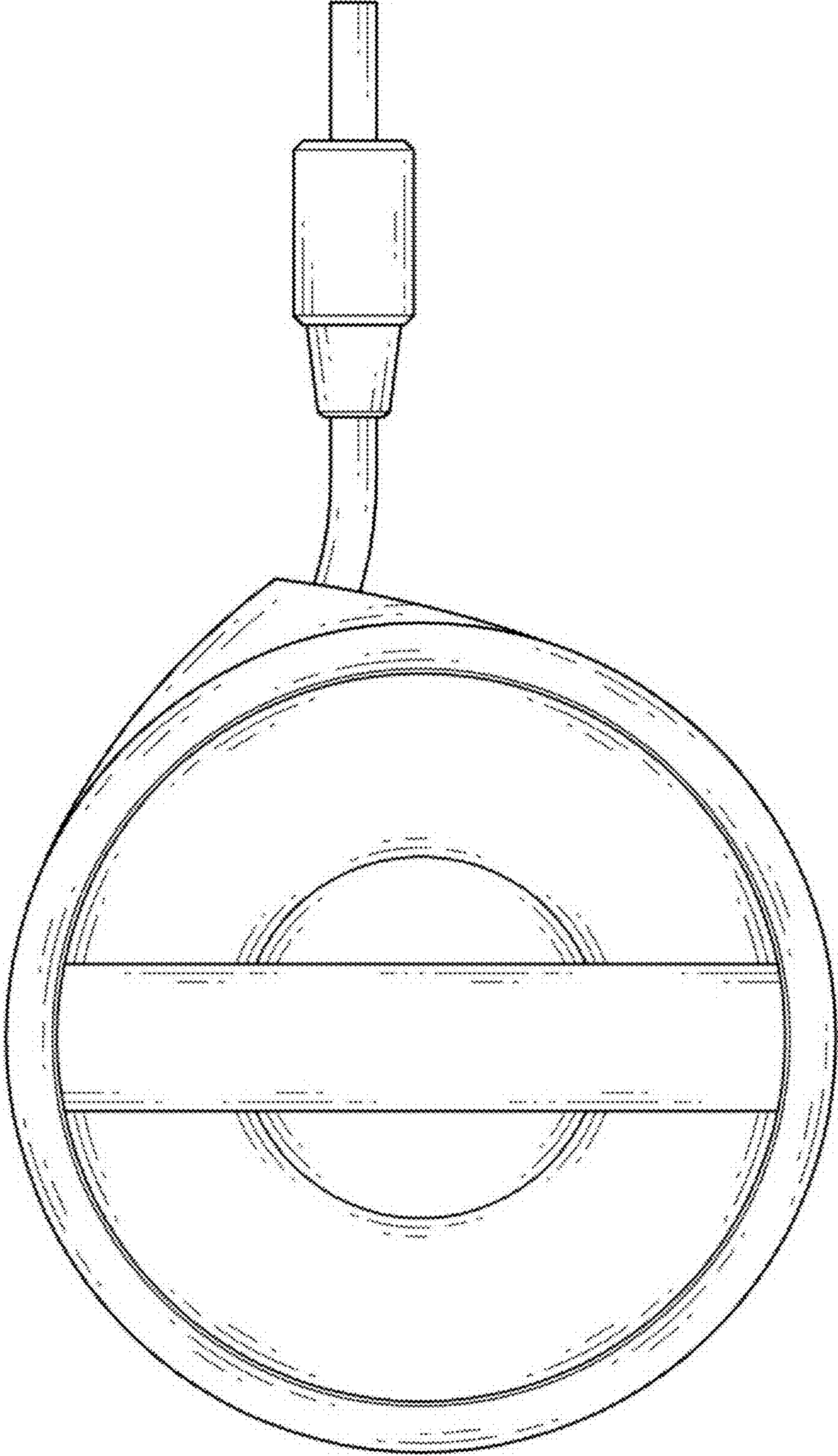
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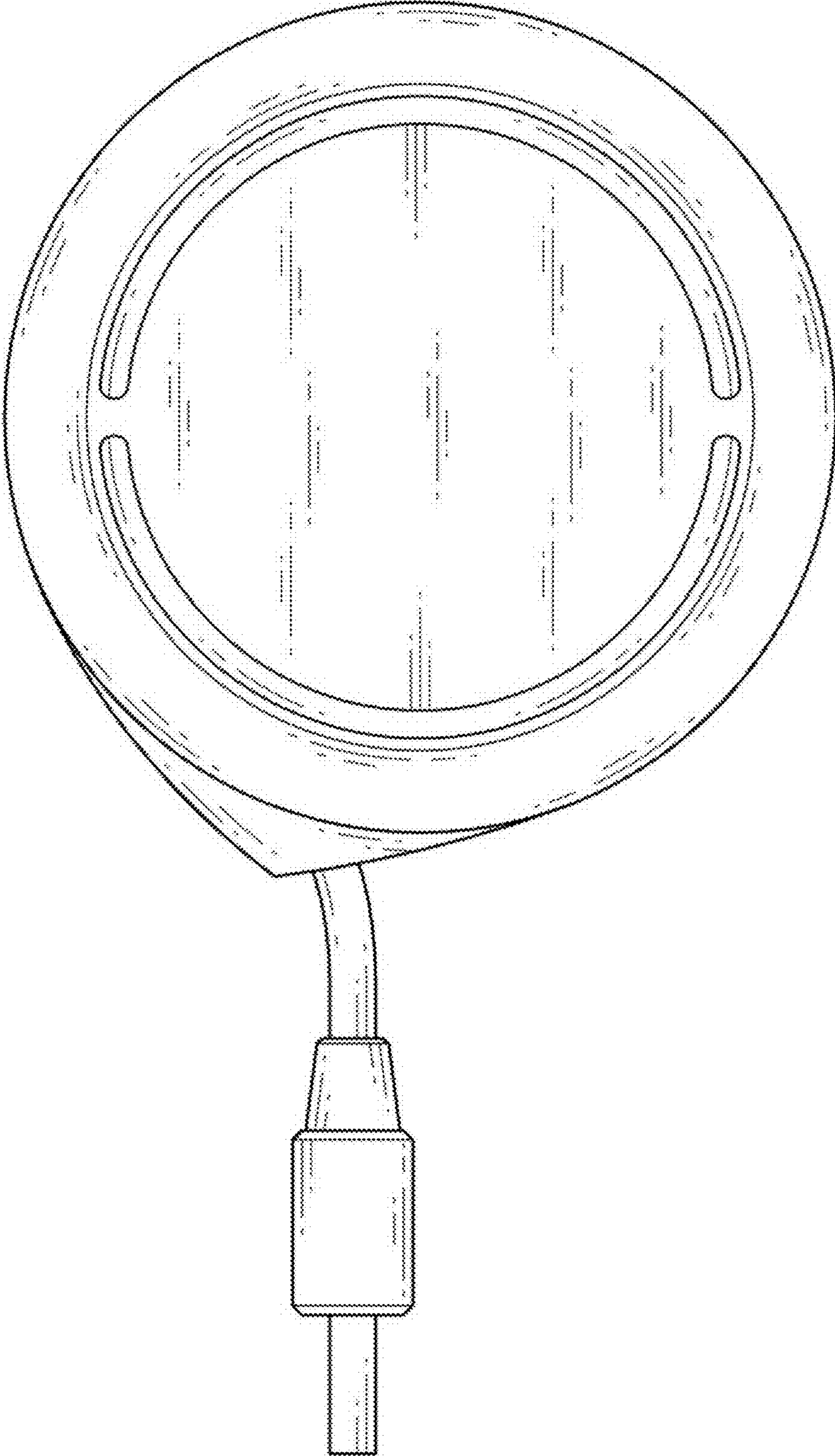
1.5



1.6



1.7





1.8

