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Chouji et al.

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(54) **AIR CIRCULATOR**

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(52) **U.S. Cl.**
USPC **D23/333**

(58) **Field of Classification Search**
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D23/388
CPC F24F 1/00; F24F 1/0007; F24F 1/02; F24F
1/08; F24F 1/42; F24F 1/56; F24F 1/60;
F24F 3/044; F24F 3/048; F24F 3/16;
G05D 23/1905; G05D 23/1932; G05D
23/1902; G05D 23/1931; G05B 19/0426;
G05B 19/409; G05B 15/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D48,392 S * 1/1916 Loheide D23/356
D380,042 S * 6/1997 Yuda D23/355

D471,623 S * 3/2003 Gieseke D23/365
D499,177 S * 11/2004 Kosmider D23/365
D582,533 S * 12/2008 Bodine D23/366
D643,508 S * 8/2011 Wilkinson D23/209
D721,539 S * 1/2015 Johnson D7/409
D750,736 S * 3/2016 Enomoto D23/207
D760,884 S * 7/2016 Green D23/365
D809,458 S * 2/2018 Yamazaki D13/110
D814,876 S * 4/2018 Rigbi D7/591
D815,714 S * 4/2018 Bell D23/209
D854,671 S * 7/2019 Fang D23/333
D854,672 S * 7/2019 Fang D23/333
D869,235 S * 12/2019 Johnson D7/409
D884,865 S * 5/2020 Damon D23/365

* cited by examiner

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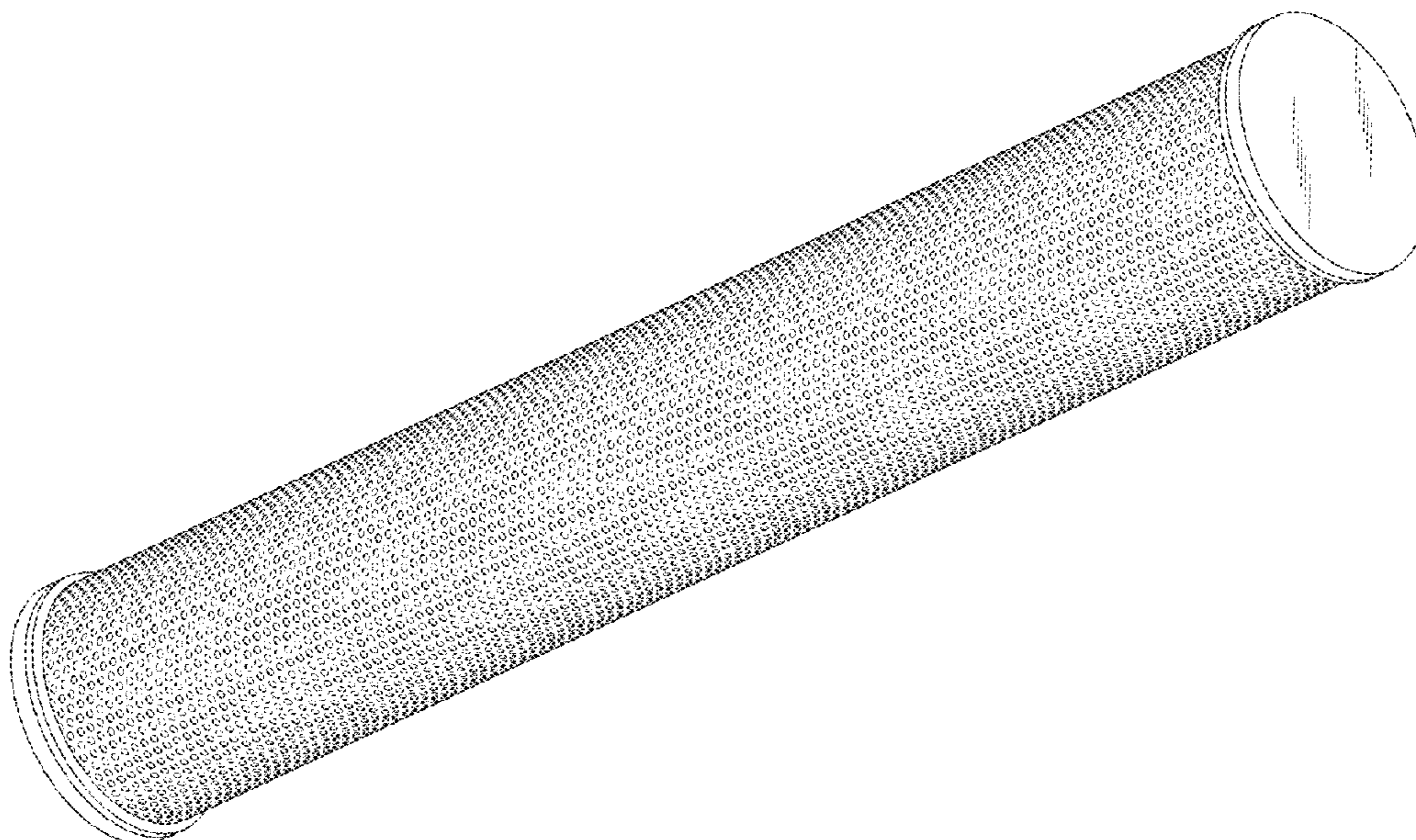
(57) **CLAIM**

The ornamental design for air circulator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an air circulator showing our new design;
FIG. 2 is a front view thereof, wherein the rear view, plan view, and bottom views are a mirror image thereof;
FIG. 3 is a right side view thereof, wherein the left side view is a mirror image thereof;
FIG. 4 is an enlarged and vertical cross-sectional view thereof along the central portion of FIG. 2;
FIG. 5 is another perspective view shown in a usage state wherein the air circulator is attached to a wall; and,
FIG. 6 is another perspective view shown in a usage state wherein the air circulator is placed on a floor.
The broken lines depict environmental structure and portions of the air circulator that form no part of claimed design.

1 Claim, 2 Drawing Sheets



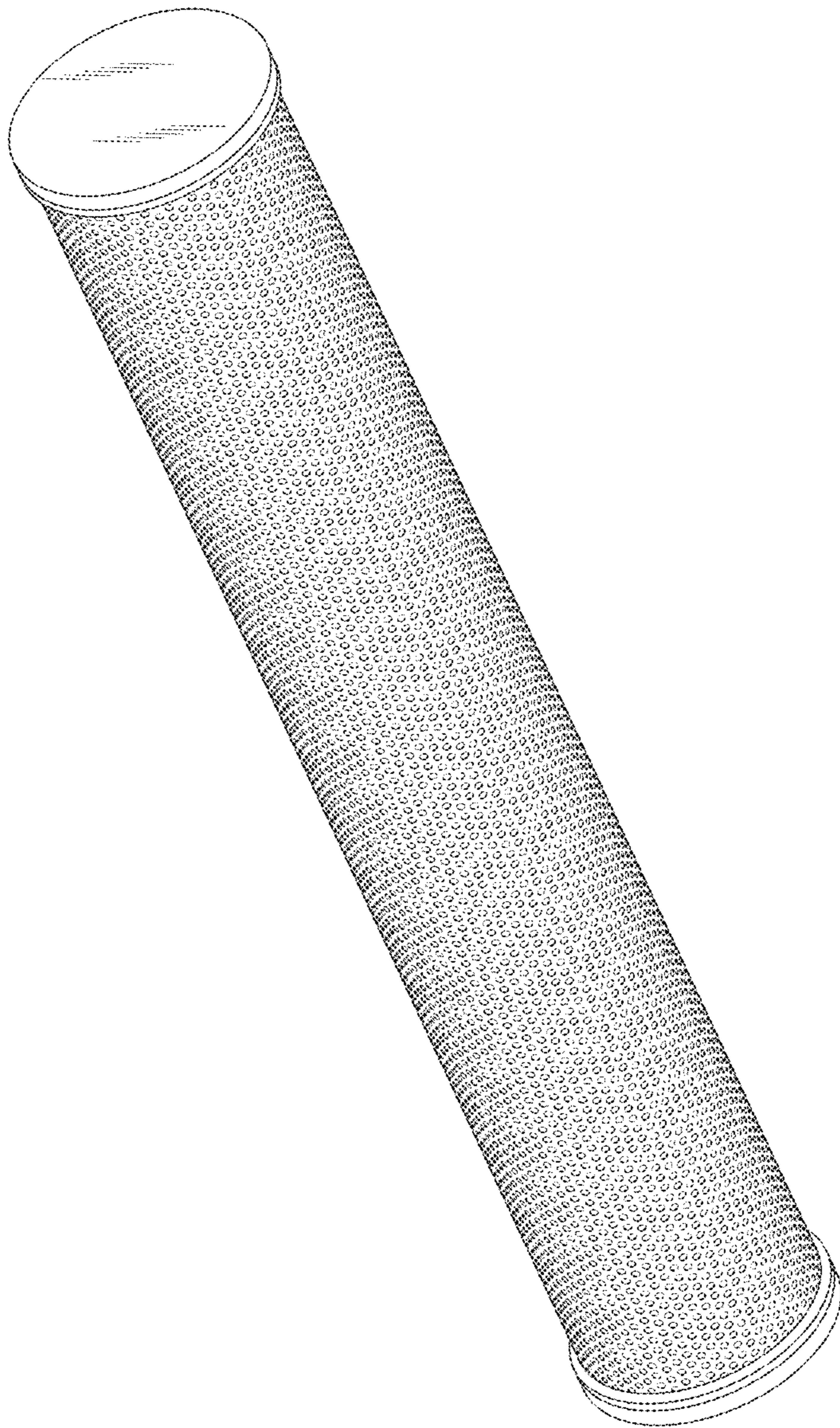


Fig. 1

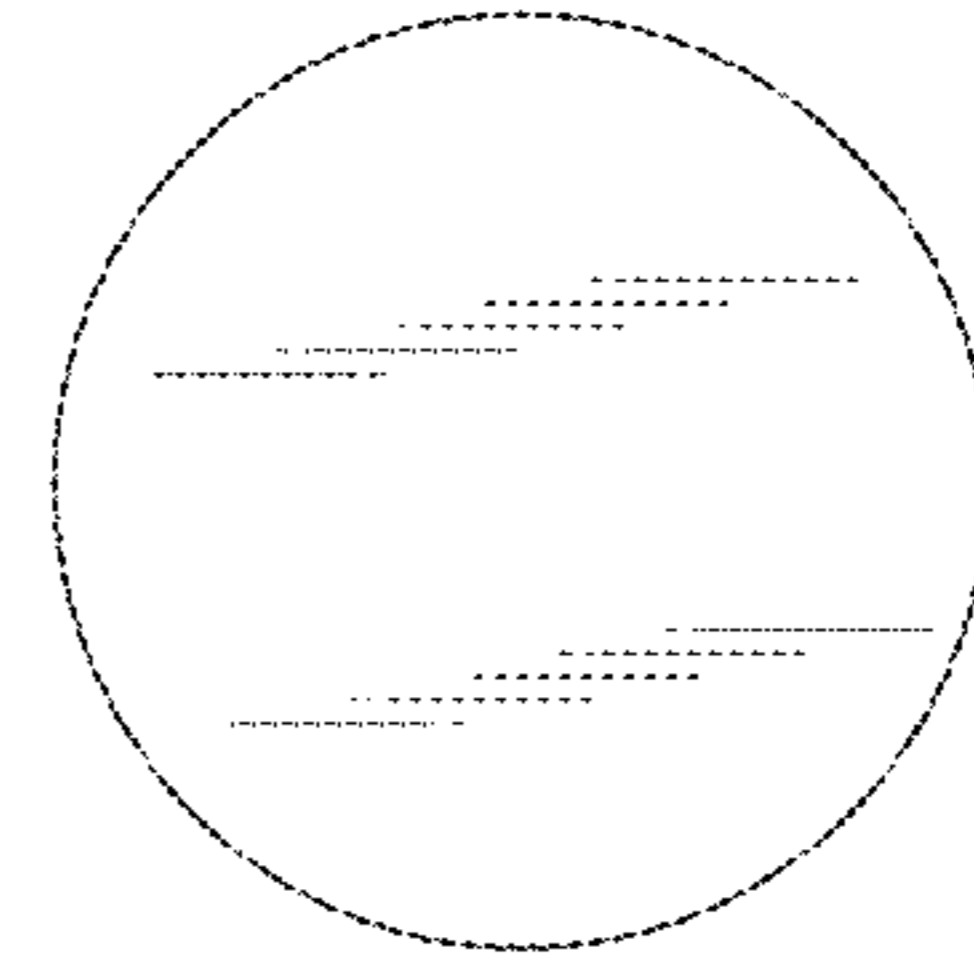


Fig. 3

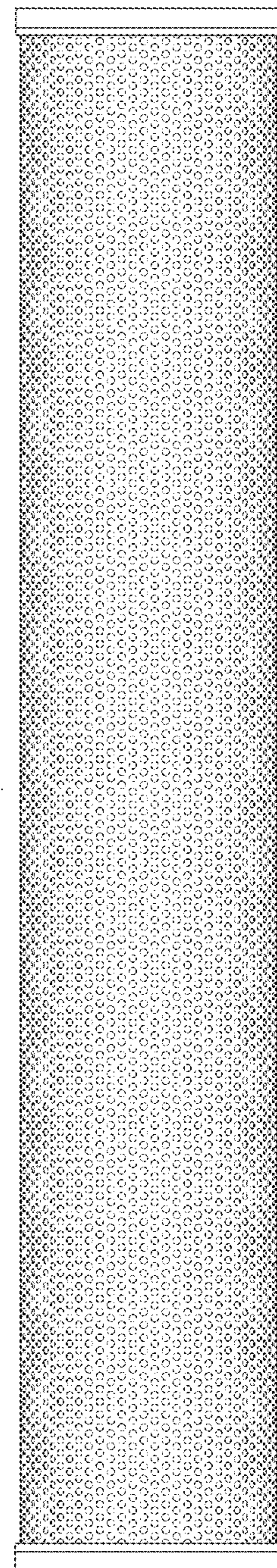


Fig. 2

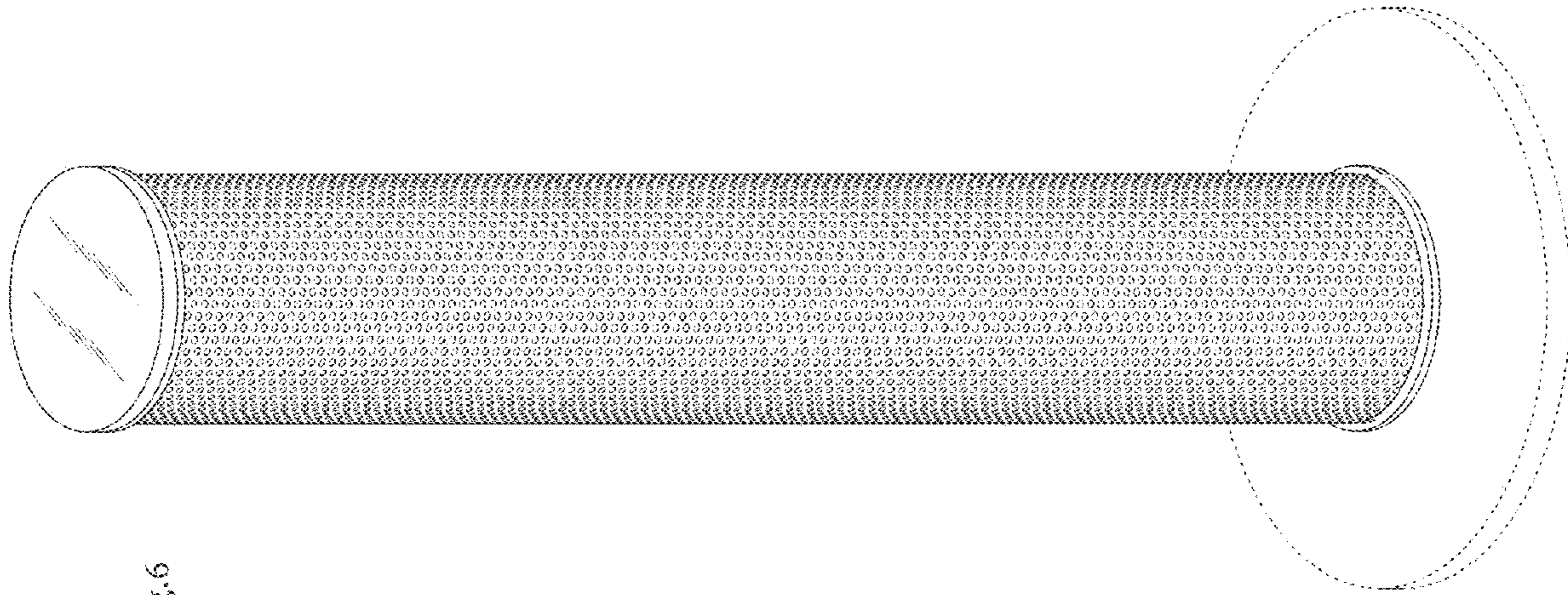


Fig.6

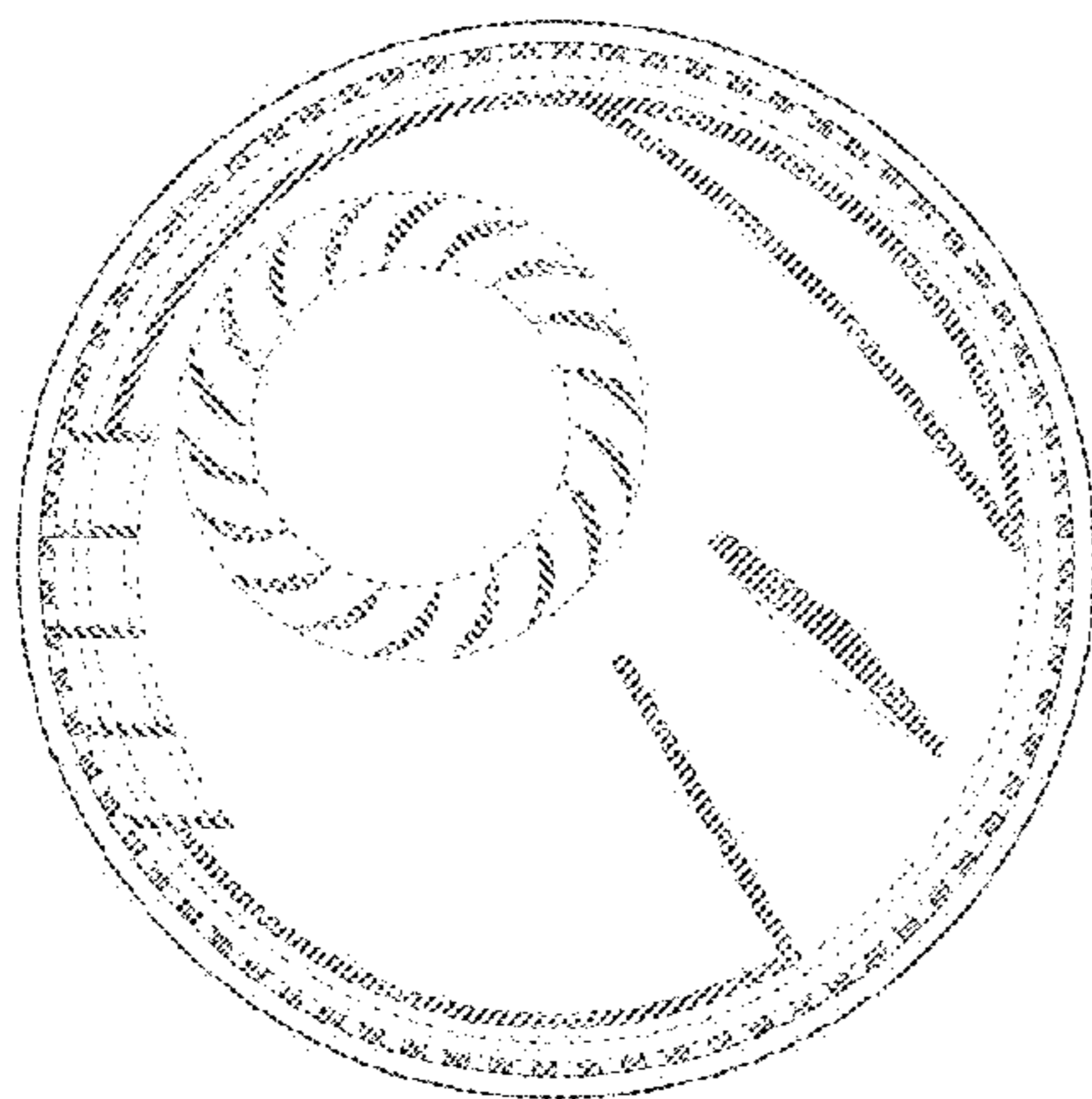


Fig.4

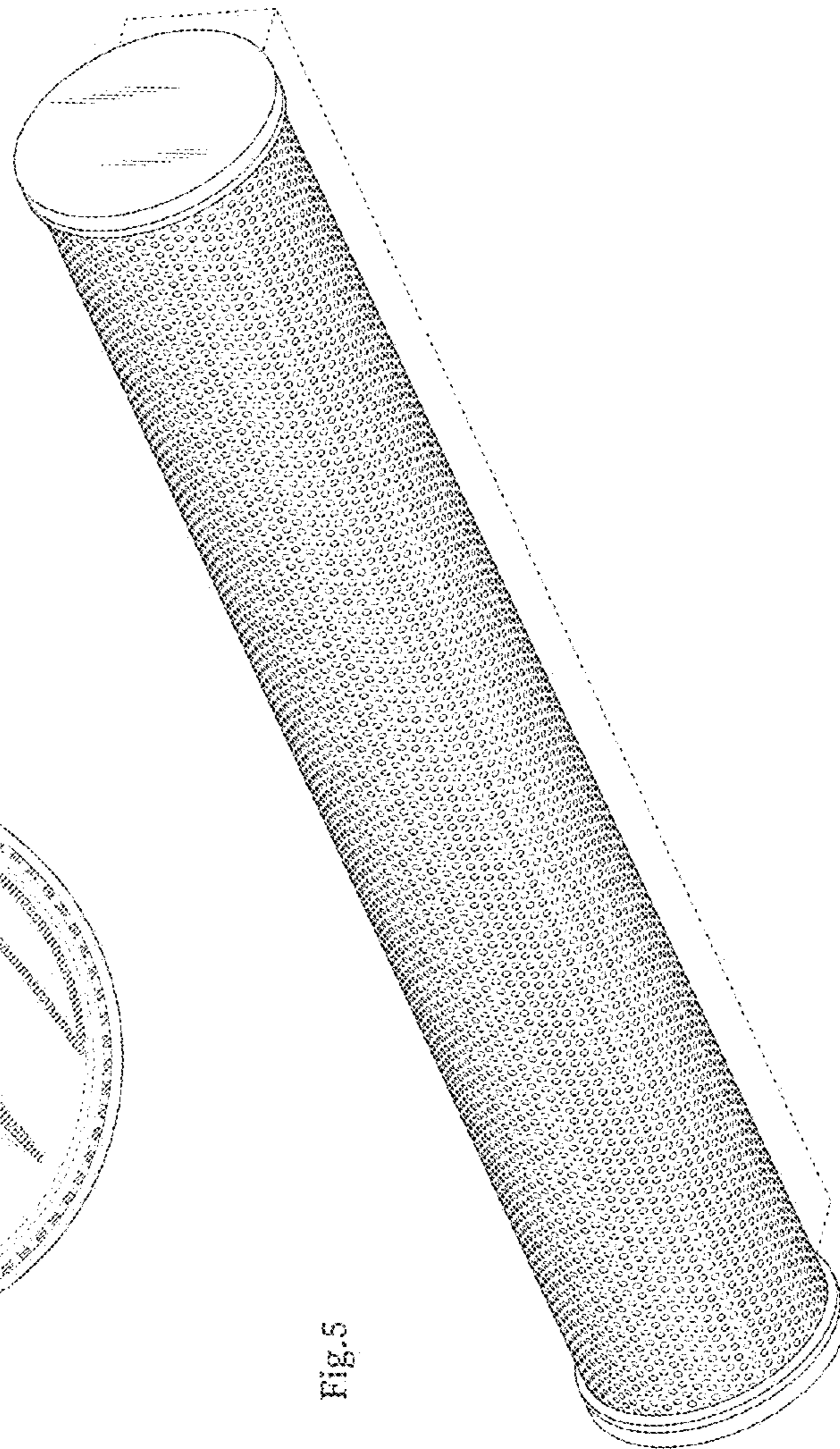


Fig.5