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(12) **United States Design Patent**  
**Knight**

(10) **Patent No.:** **US D1,001,990 S**

(45) **Date of Patent:** **\*\* Oct. 17, 2023**

(54) **HUMIDIFIER FILTER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **SoClean, Inc.**, Peterborough, NH (US)

CN 305492466 \* 12/2019

(72) Inventor: **James Knight**, Peterborough, NH (US)

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(73) Assignee: **SOCLEAN, INC.**, Peterborough, NH (US)

Vornado MD1-0039 True HEPA Replacement Filter, available in Amazon.com, customer review oldest date Nov. 8, 2020 [online], [site visited Aug. 10, 2022], Available from the internet URL: <https://www.amazon.com/Vornado-MD1-0039-Replacement-Filter-Black/dp/B081W873X9> (Year: 2020).\*

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

(Continued)

(21) Appl. No.: **29/788,112**

(22) Filed: **Mar. 17, 2021**

*Primary Examiner* — Amy C Wierenga

(51) **LOC (14) Cl.** ..... **23-04**

*Assistant Examiner* — Kathryn E Zieno

(52) **U.S. Cl.**

(74) *Attorney, Agent, or Firm* — GROSSMAN, TUCKER, PERREAULT & PFLEGER, PLLC

USPC ..... **D23/365**; D23/358

(58) **Field of Classification Search**

(57) **CLAIM**

USPC ..... D15/5; D23/365, 364, 355, 366, 368, D23/209, 208, 3; D24/162

The ornamental design for a humidifier filter, as shown and described.

CPC ..... B01D 47/00; B01D 46/04; B01D 46/00; B01D 29/07; B01D 29/31; B01D 27/06; B01D 11/00; E04H 4/1281

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a front, top, left perspective view of a humidifier filter, showing the new design;  
FIG. 2 is a front, top, right perspective thereof;  
FIG. 3 is a rear, top, right perspective view thereof;  
FIG. 4 is a rear, top, left perspective view thereof;  
FIG. 5 is a front, bottom, left perspective view thereof;  
FIG. 6 is a front, bottom, right perspective view thereof;  
FIG. 7 is a rear, bottom, right perspective view thereof;  
FIG. 8 is a rear, bottom, left perspective view thereof;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a right view thereof;  
FIG. 12 is a left view thereof;  
FIG. 13 is a top view thereof; and,  
FIG. 14 is a bottom view thereof.

Broken lines in the figures show portions of the humidifier filter that form no part of the claimed design.

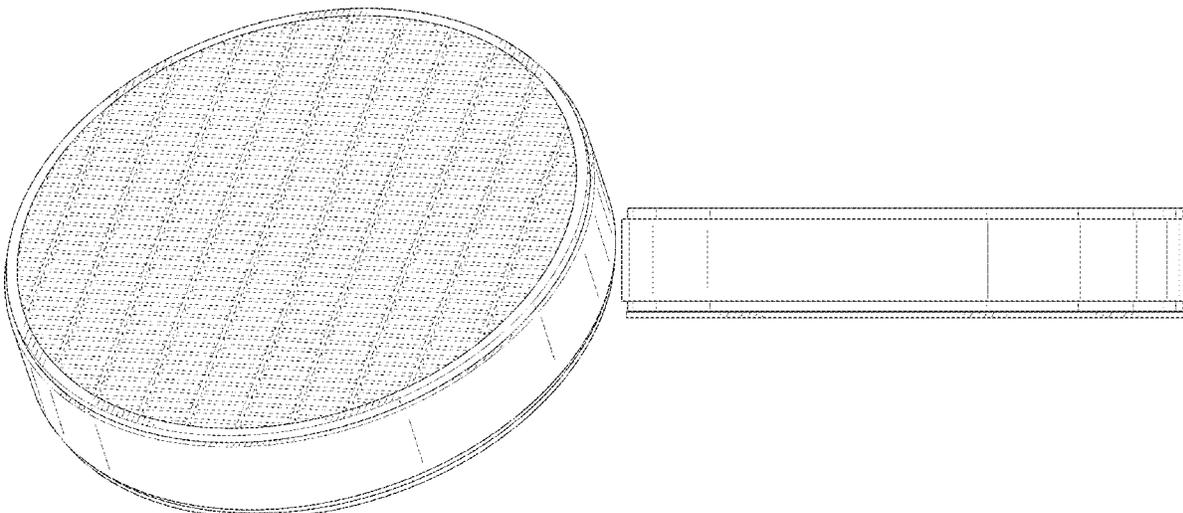
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**1 Claim, 12 Drawing Sheets**



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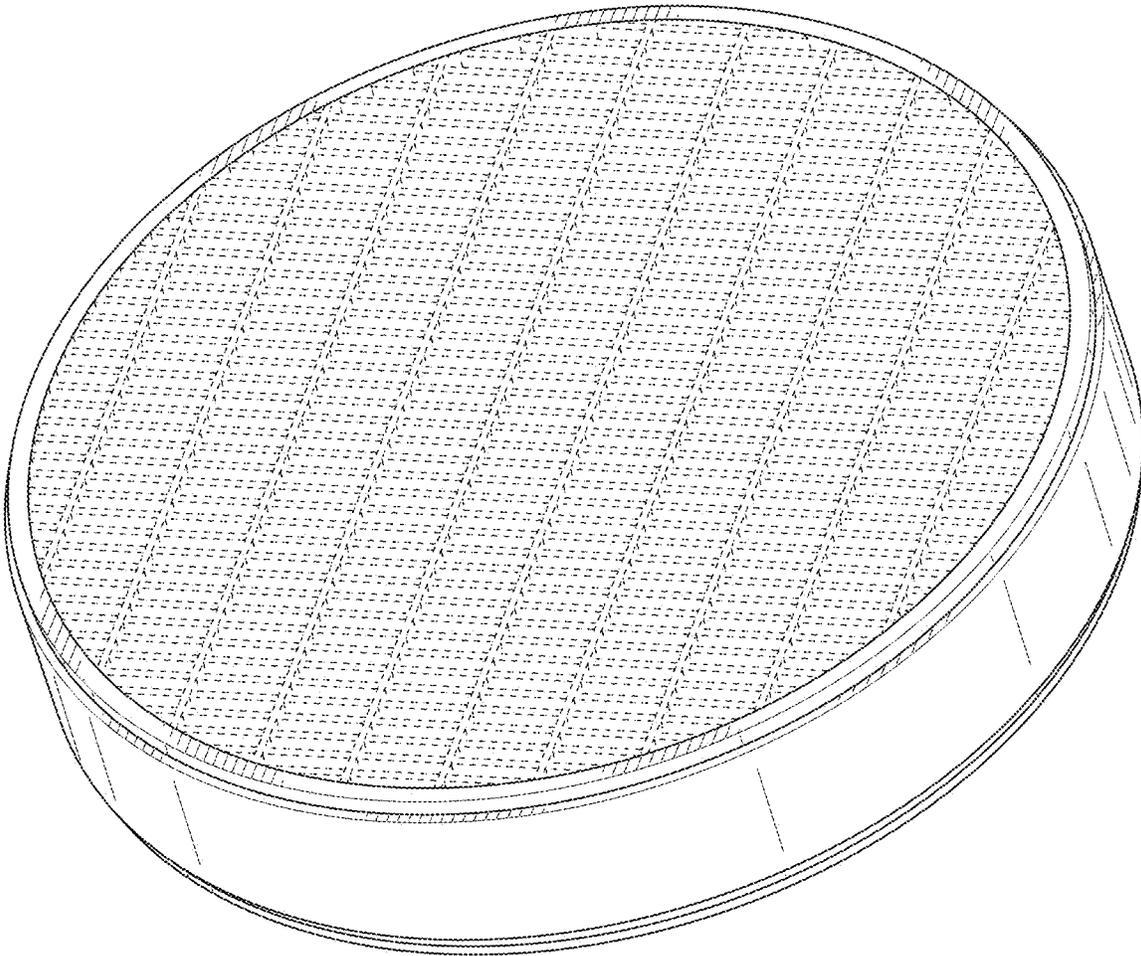


FIG. 1

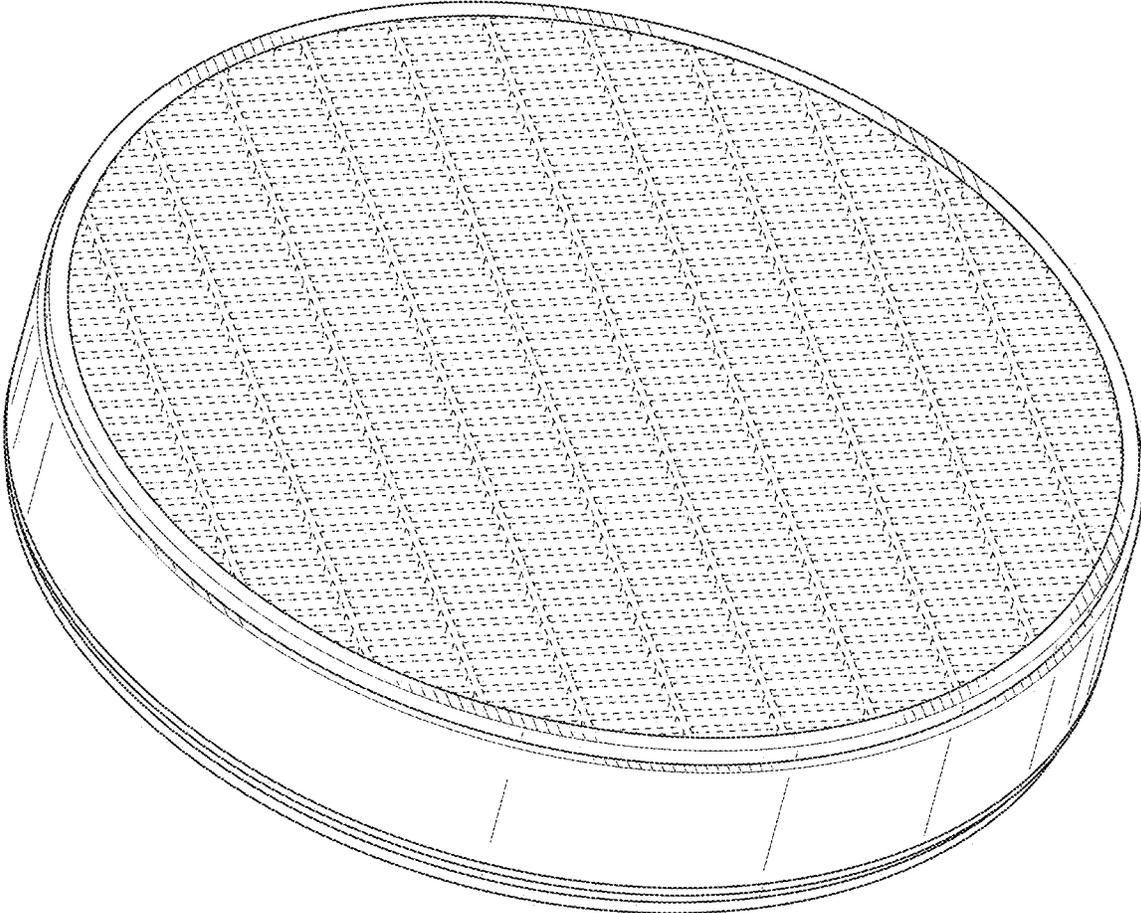


FIG. 2

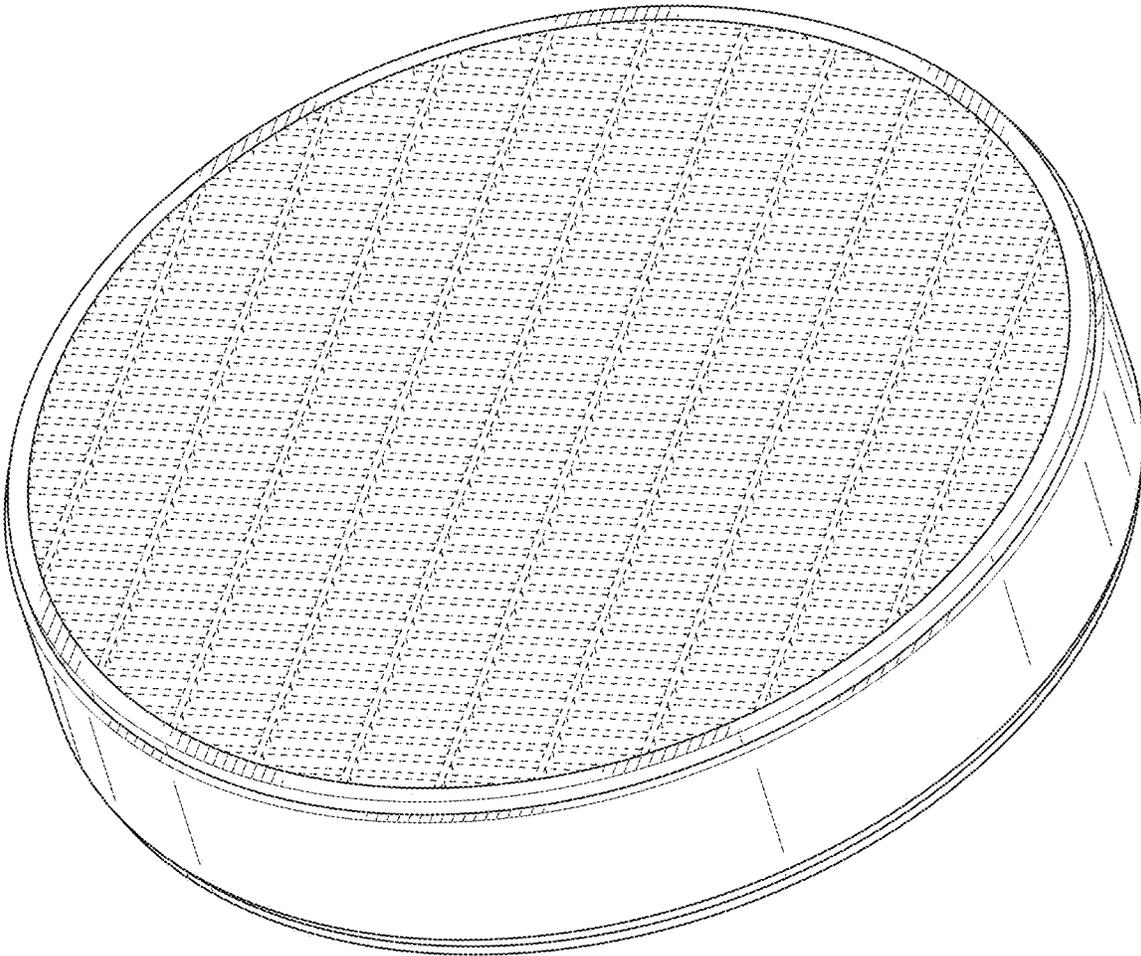


FIG. 3

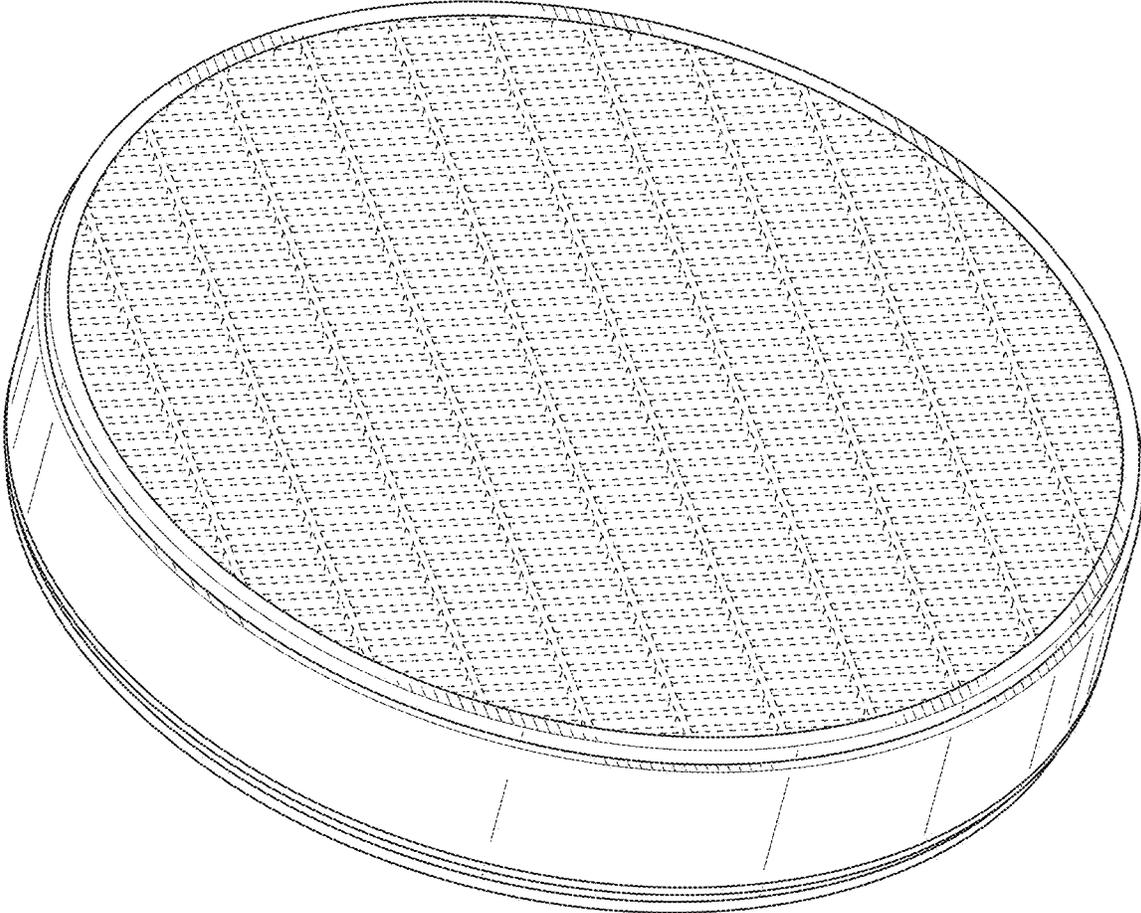


FIG. 4

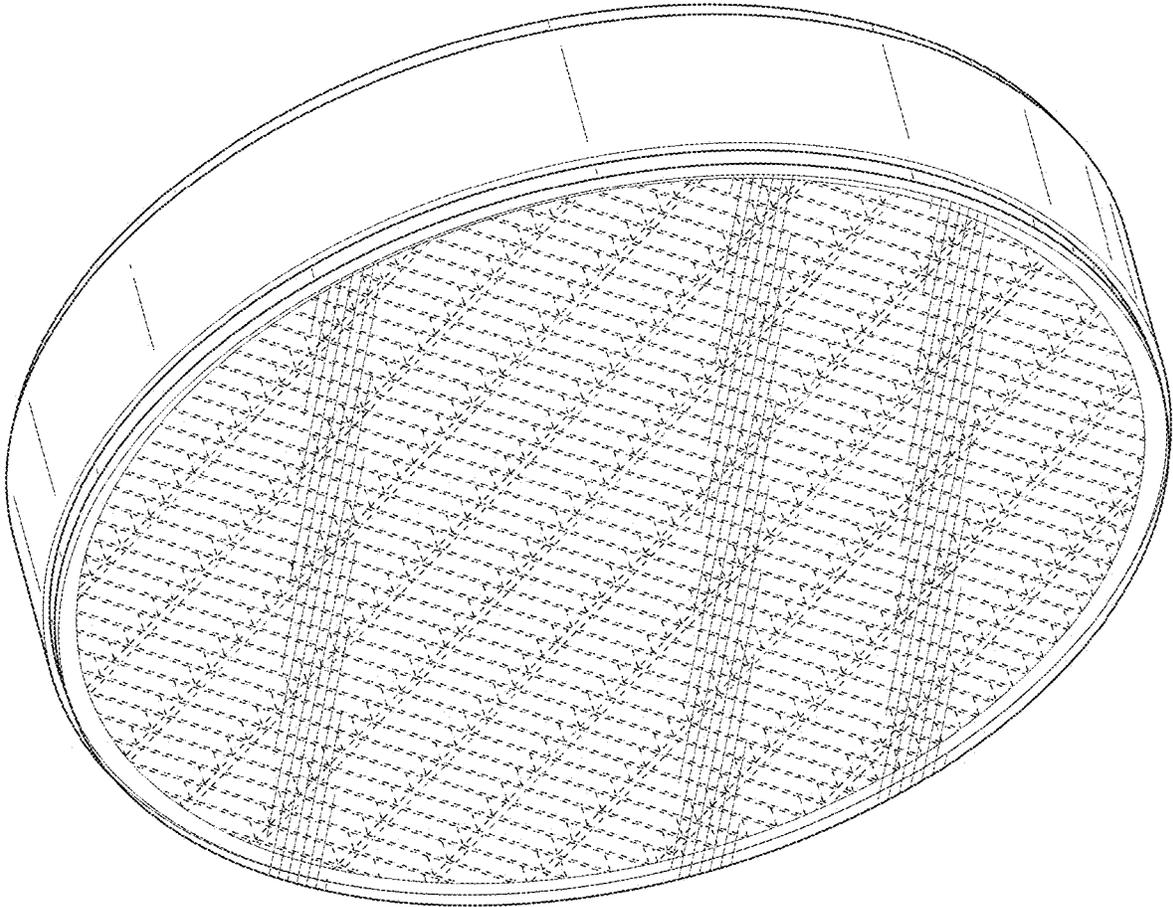


FIG. 5

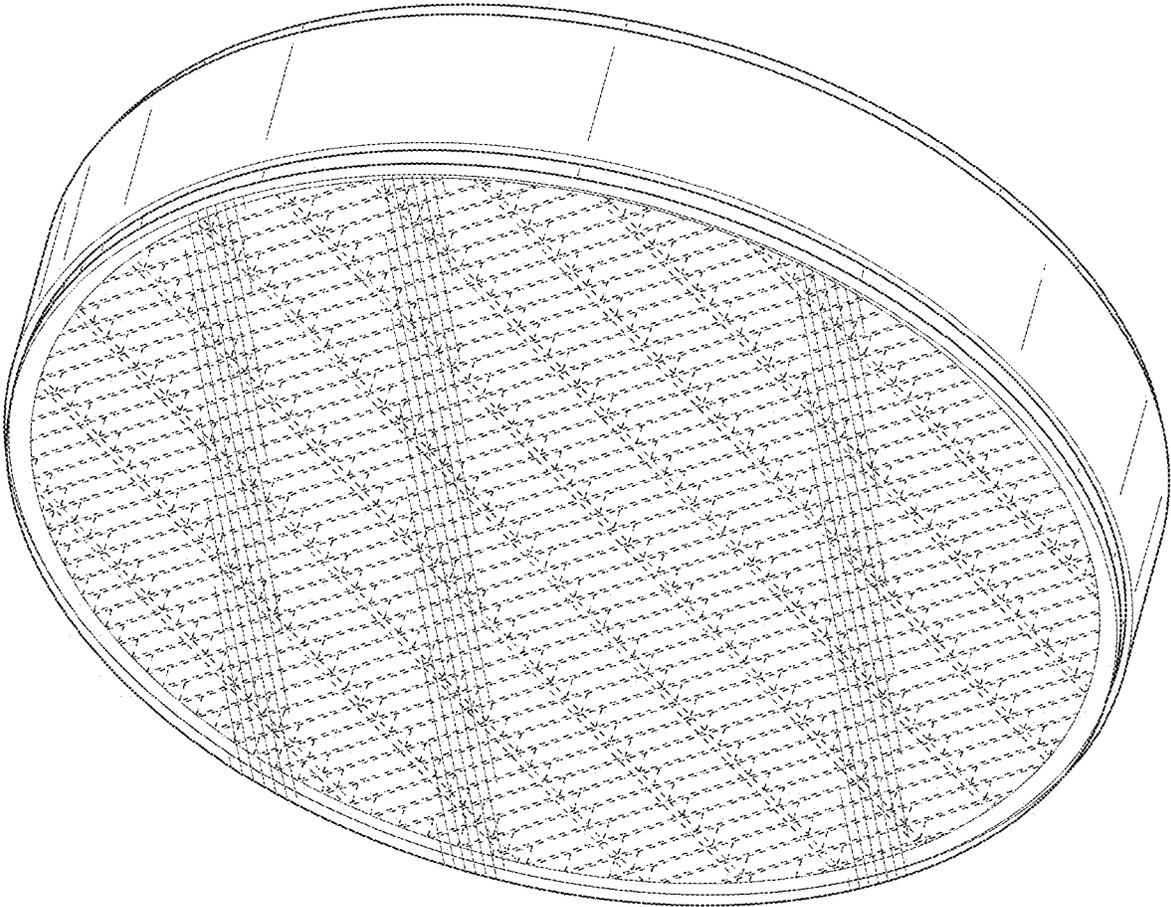


FIG. 6

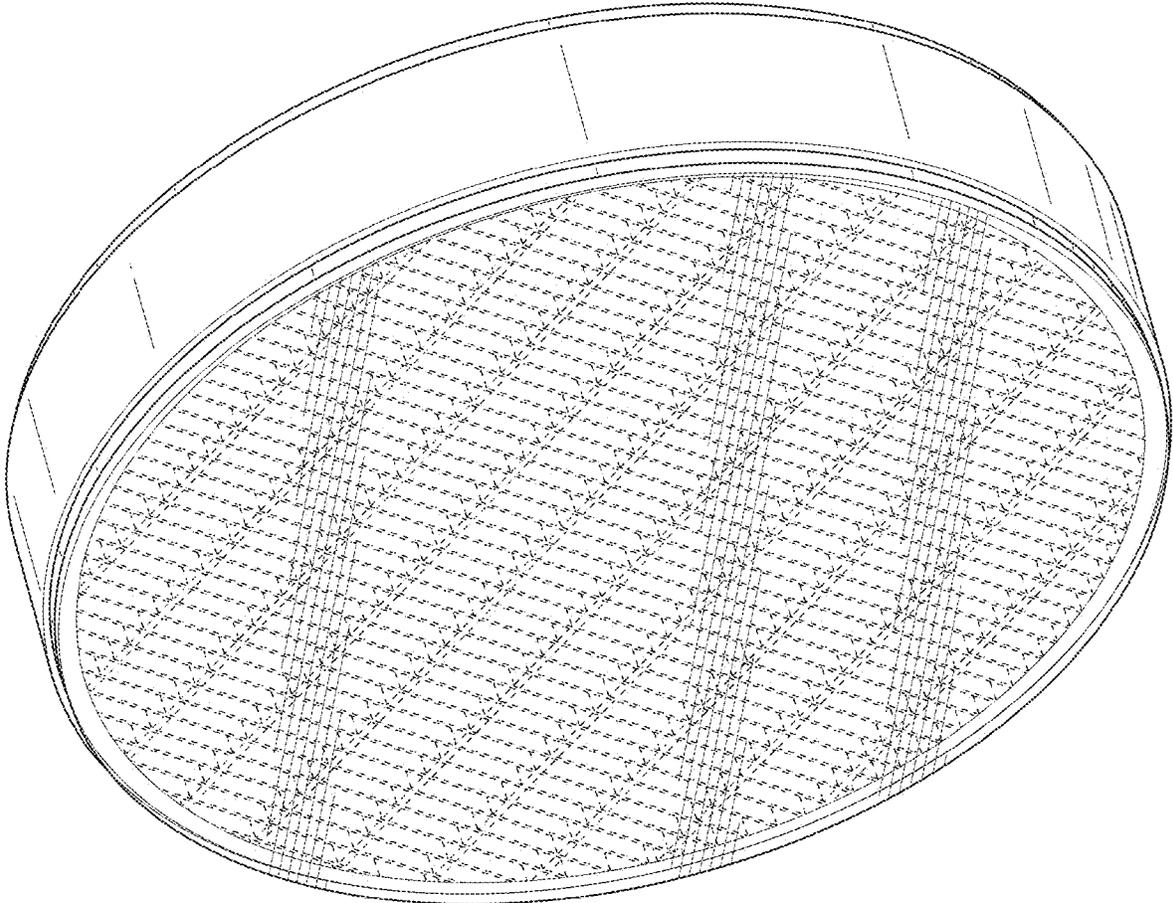


FIG. 7

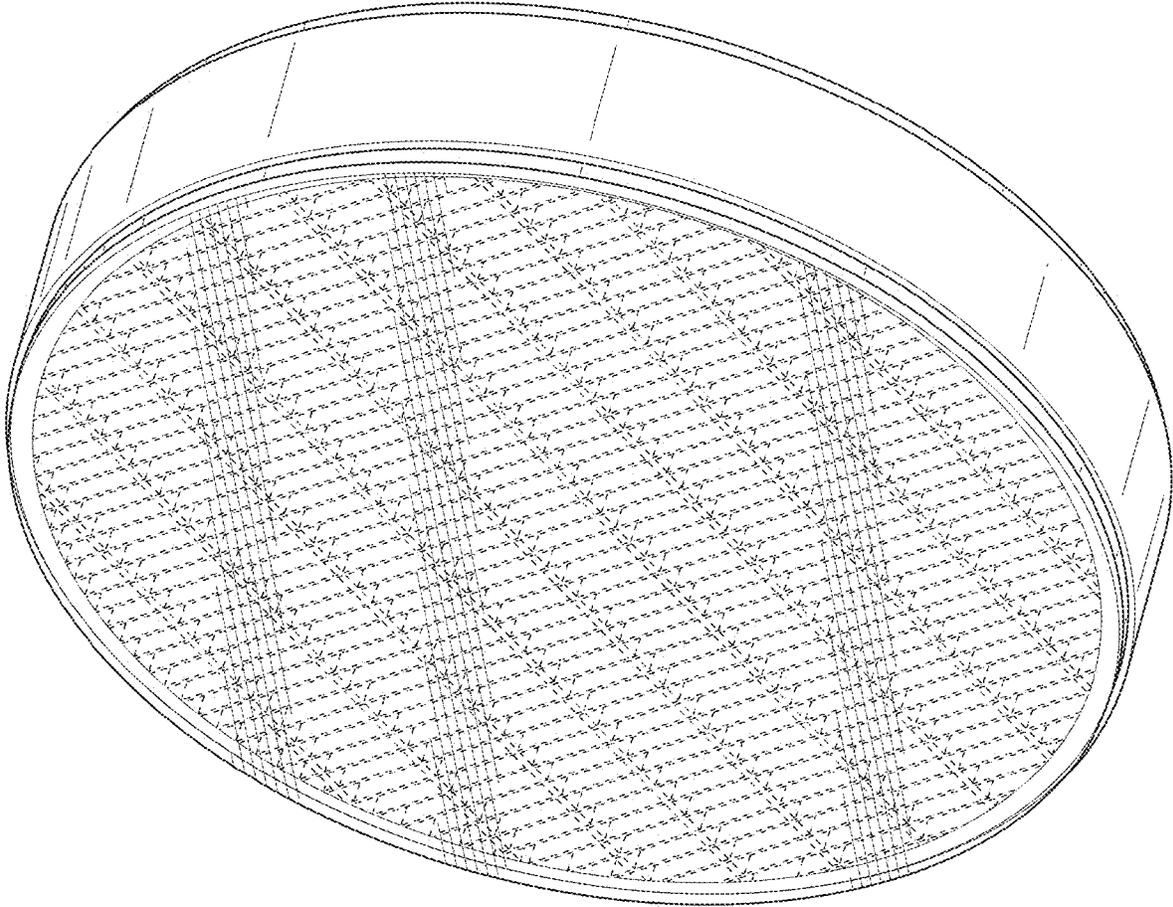


FIG. 8

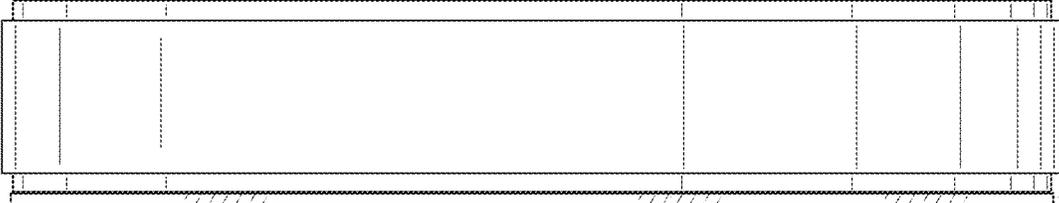


FIG. 9

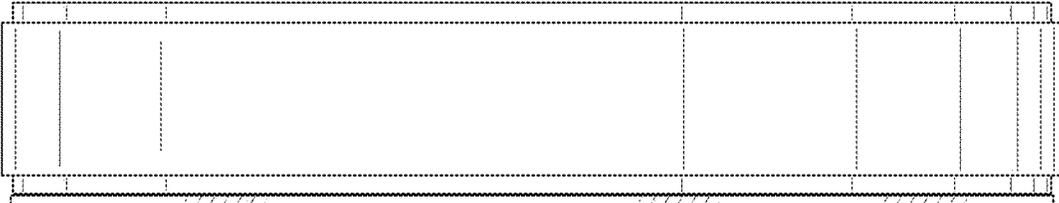


FIG. 10

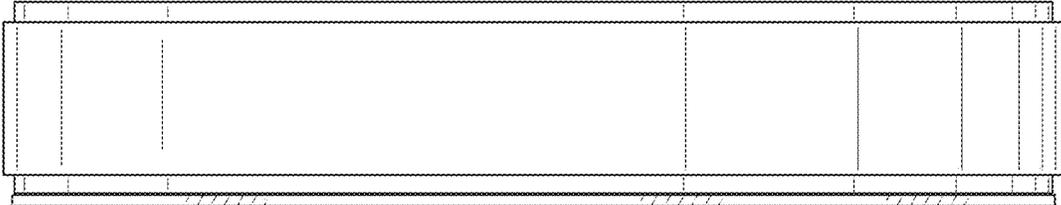


FIG. 11

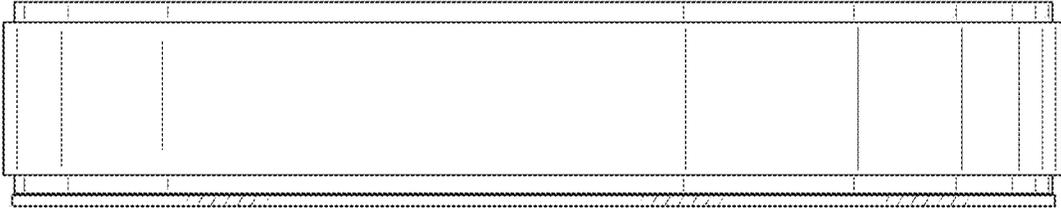


FIG. 12

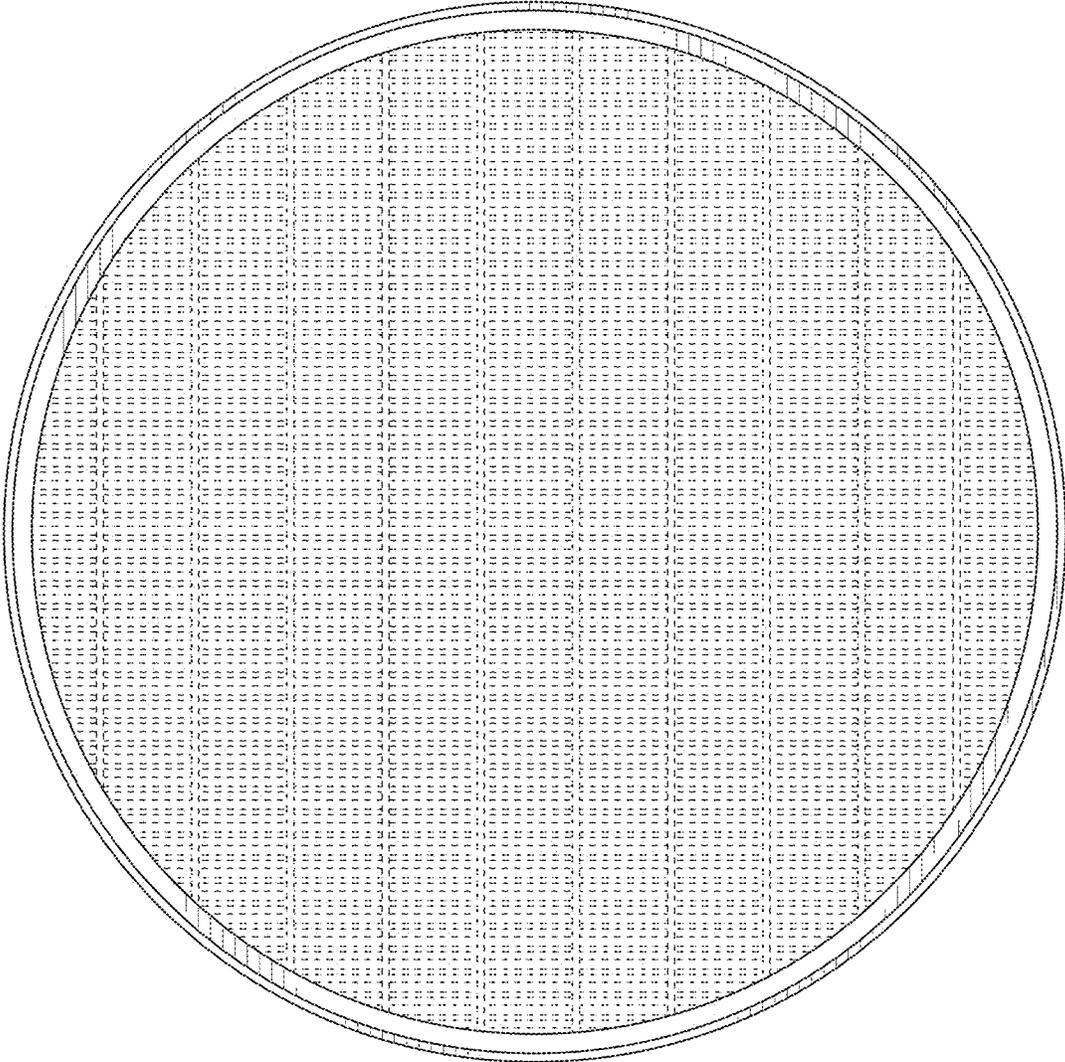


FIG. 13

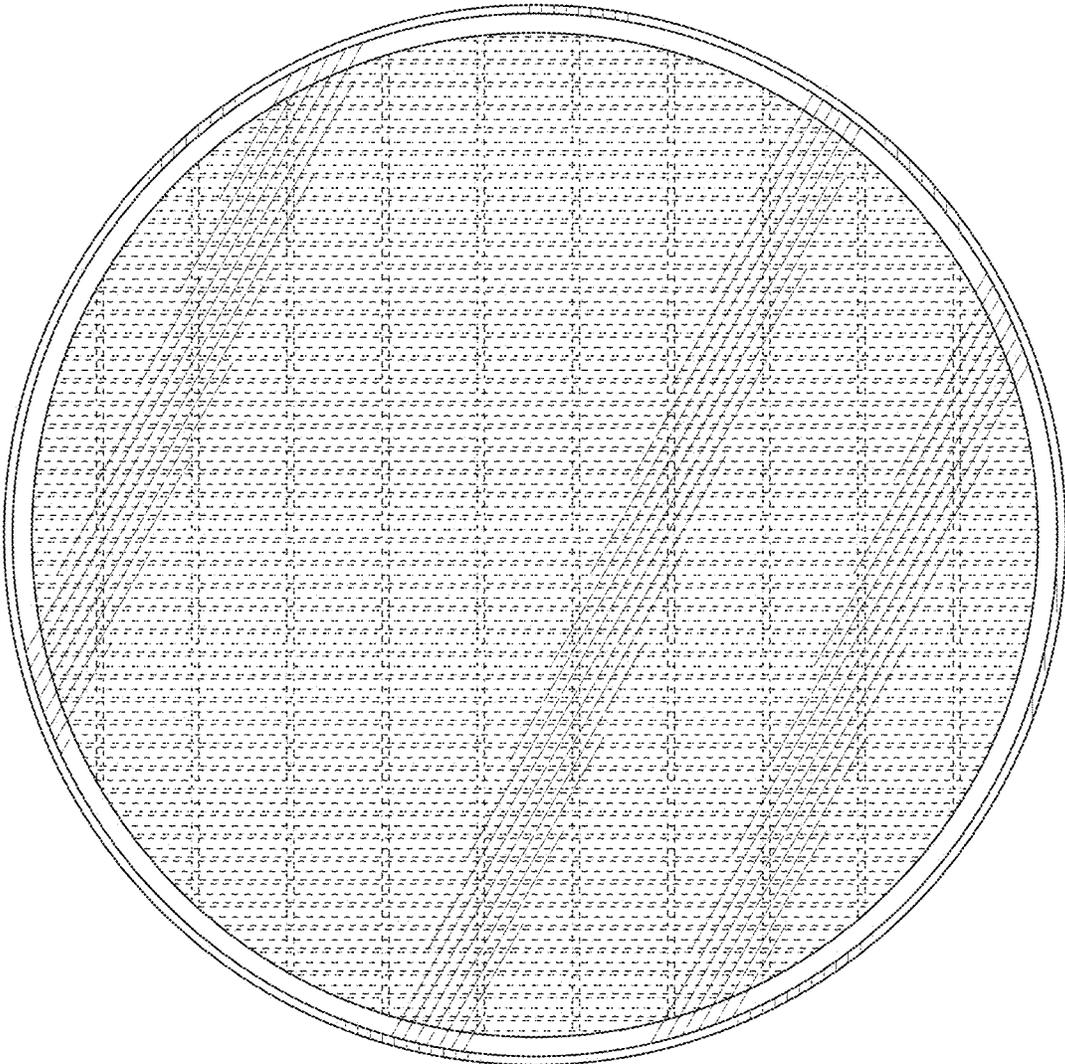


FIG. 14