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

(10) **Patent No.:** **US D1,069,074 S**

(45) **Date of Patent:** **\*\* Apr. 1, 2025**

(54) **AIR PURIFIER**

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(71) Applicant: **Samsung Electronics Co., Ltd.**,  
Suwon-si (KR)

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(Continued)

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(57) **CLAIM**

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

The ornamental design for an air purifier, as shown and described.

(21) Appl. No.: **29/860,134**

**DESCRIPTION**

(22) Filed: **Nov. 16, 2022**

(30) **Foreign Application Priority Data**

Aug. 8, 2022 (KR) ..... 30-2022-0031955

(51) **LOC (15) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/364, 365, 359, 360, 356, 378, 352,  
D23/336; D15/144

(Continued)

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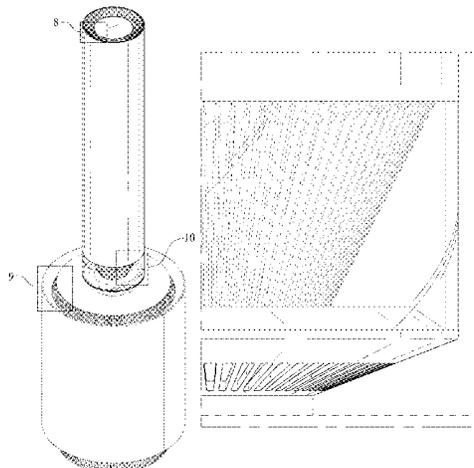
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FIG. 1 is a front perspective view of an air purifier, showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view thereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is an enlarged view of the encircled portion 8 in FIG. 1;  
FIG. 9 is an enlarged view of the encircled portion 9 in FIG. 1;  
FIG. 10 is an enlarged view of the encircled portion 10 in FIG. 1;  
FIG. 11 is an enlarged view of the encircled portion 11 in FIG. 2;  
FIG. 12 is an enlarged view of the encircled portion 12 in FIG. 3;  
FIG. 13 is an enlarged view of the encircled portion 13 in FIG. 4; and,  
FIG. 14 is an enlarged view of the encircled portion 14 in FIG. 6.

The even-dash broken lines illustrating portions of the air purifier form no part of the claimed design. The dot-dash

(Continued)



broken lines encircling enlargement portions of the claimed design form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**

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(58) **Field of Classification Search**

CPC ..... F24F 2006/008; F24F 8/00; F24D 5/00  
 See application file for complete search history.

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FIG. 1

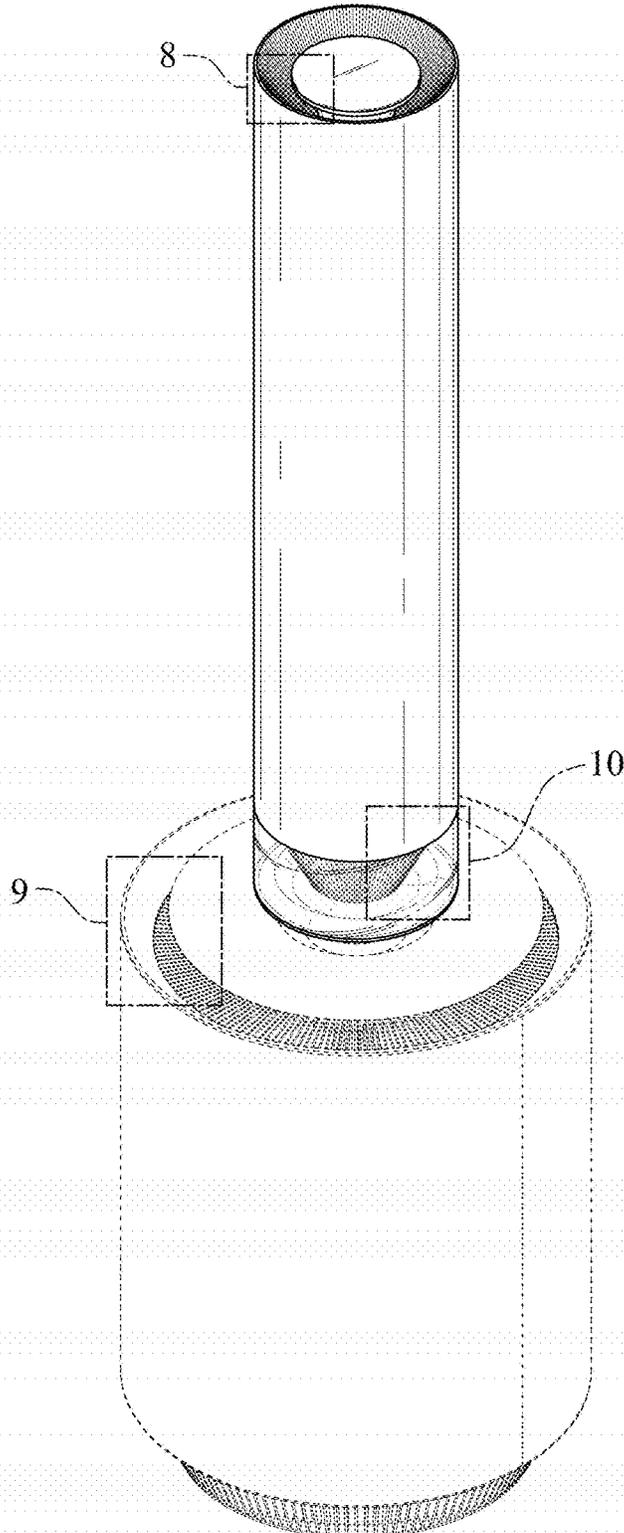


FIG. 2

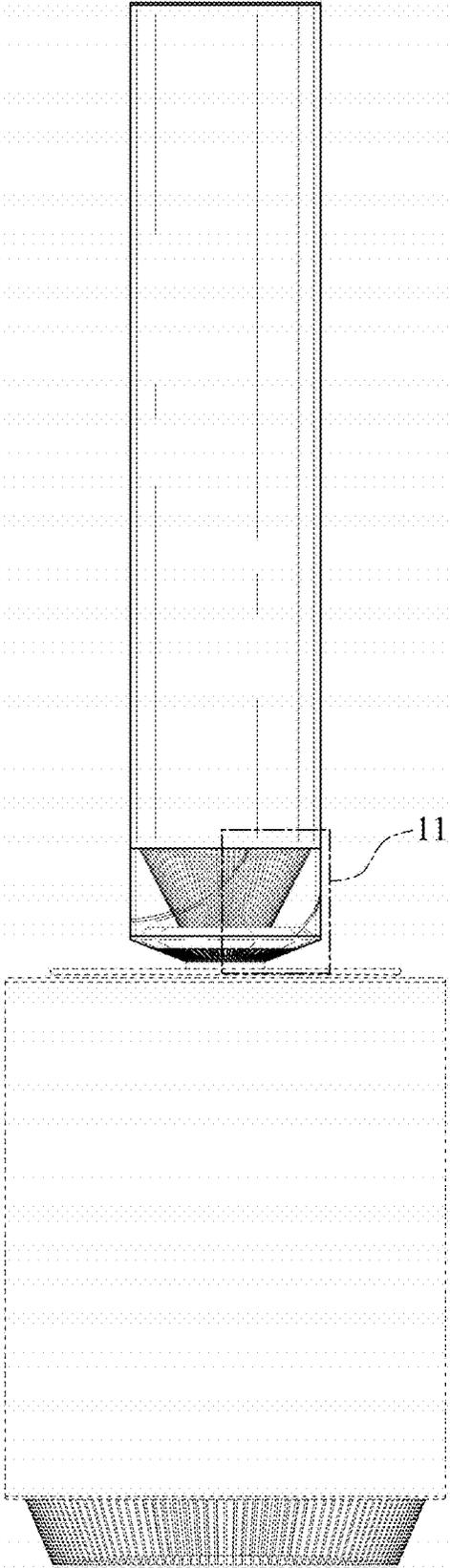


FIG. 3

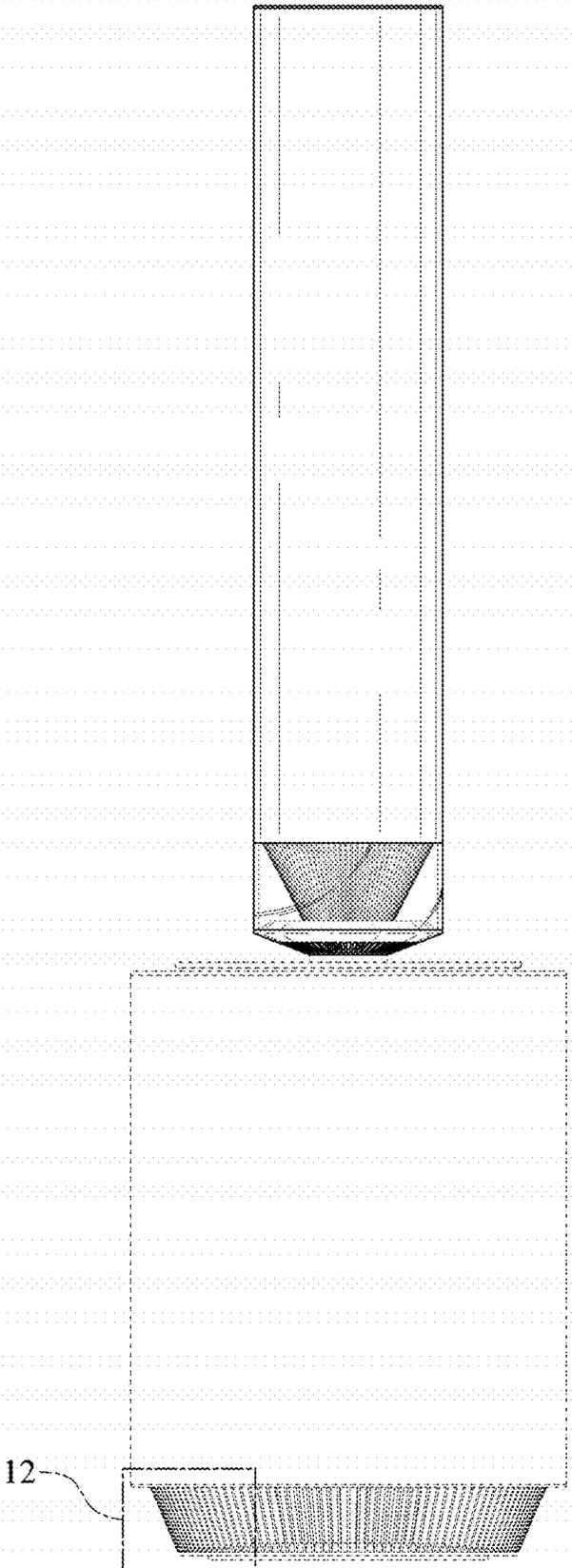


FIG. 4

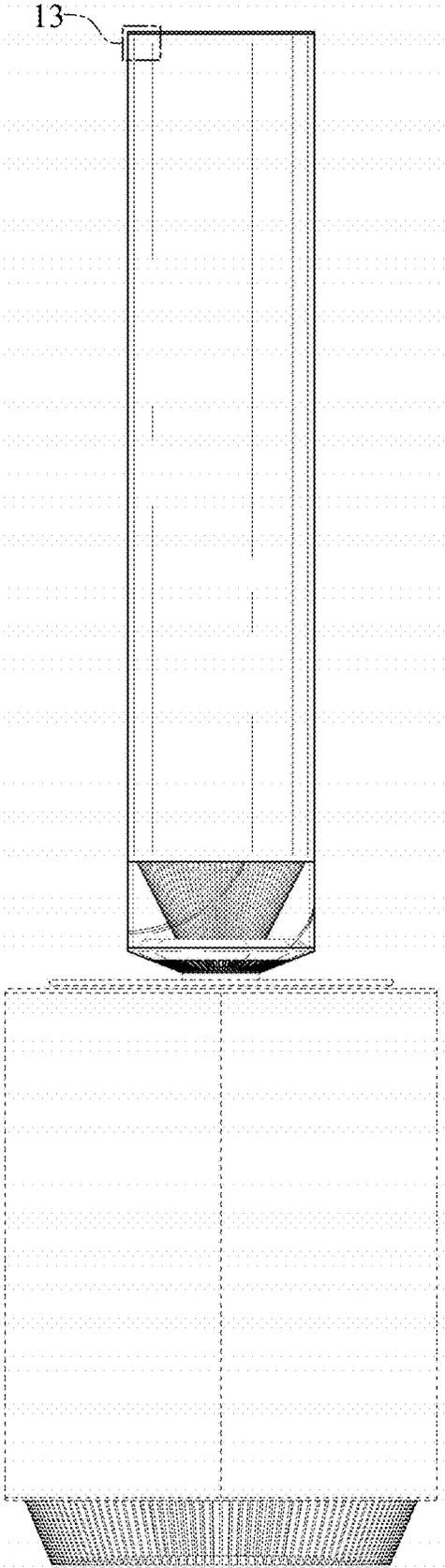


FIG. 5

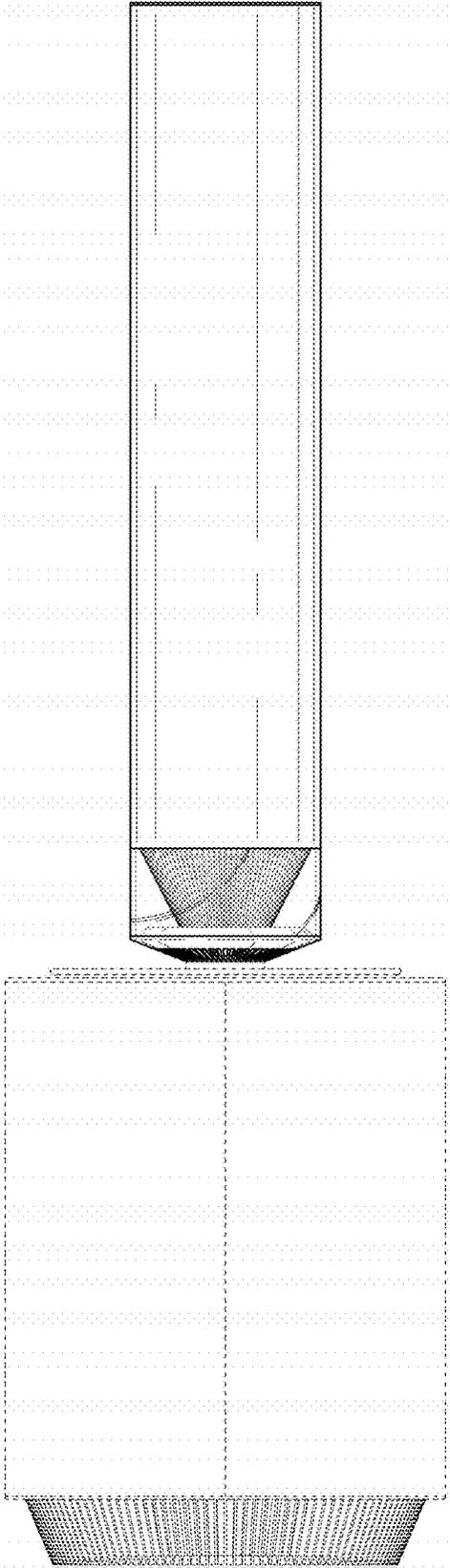


FIG. 6

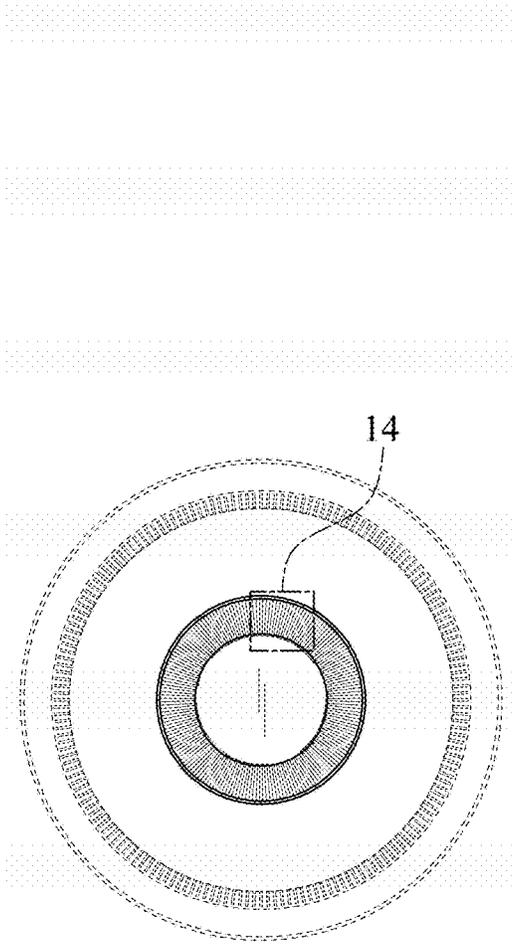


FIG. 7

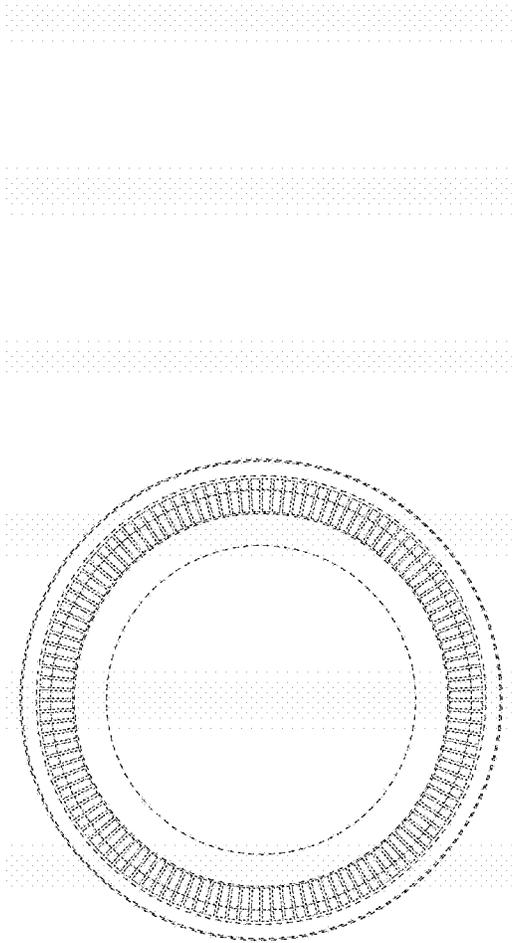


FIG. 8

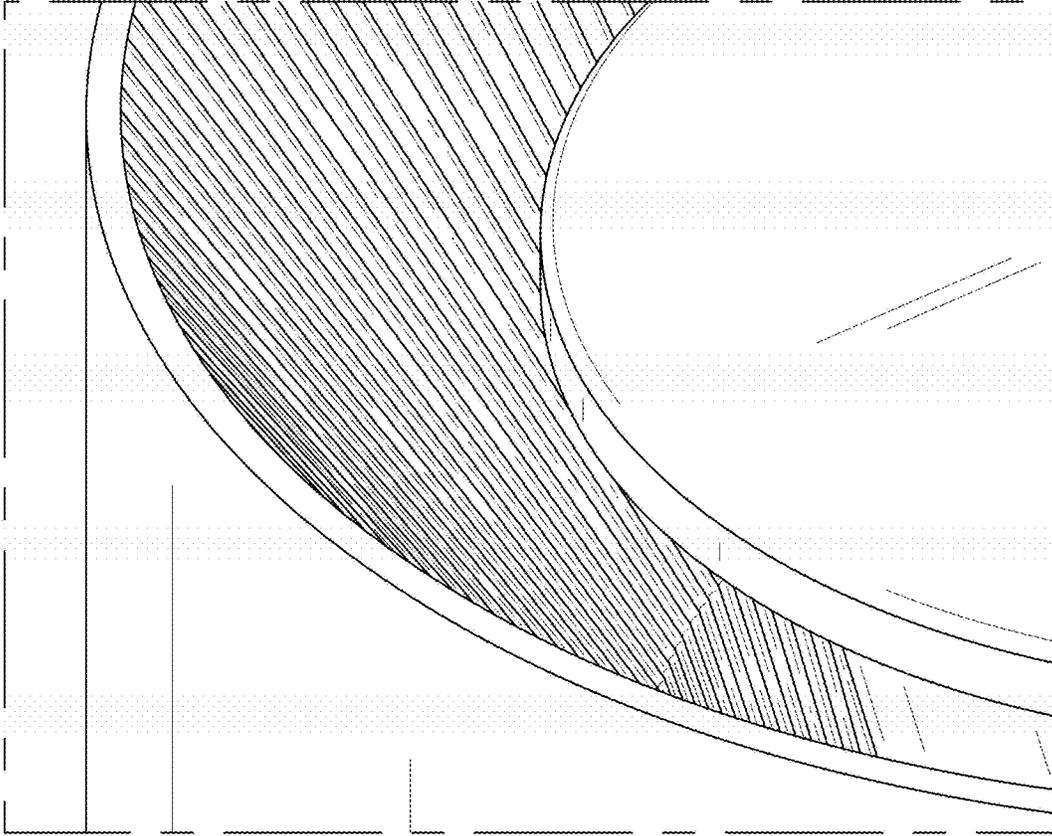


FIG. 9

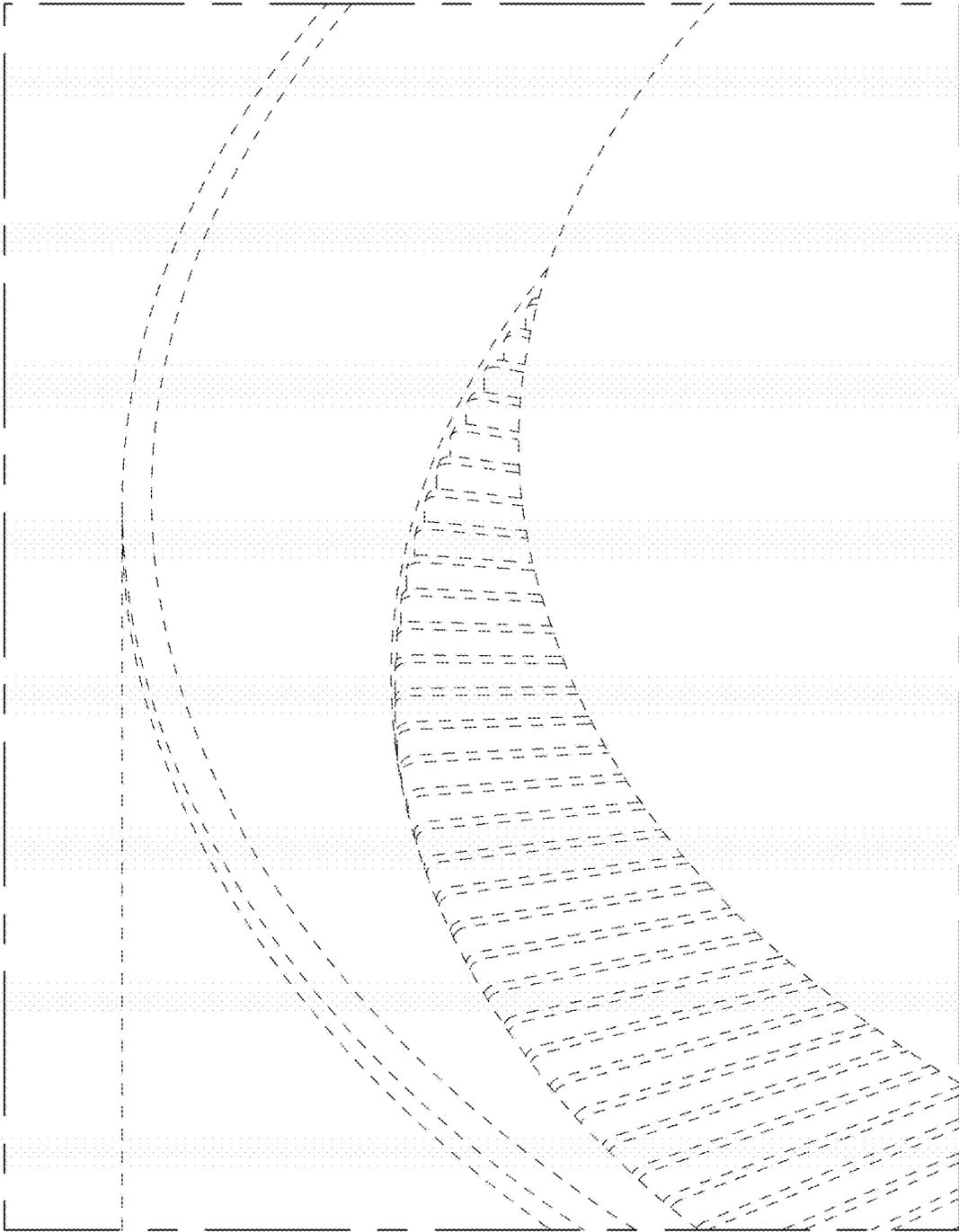


FIG. 10

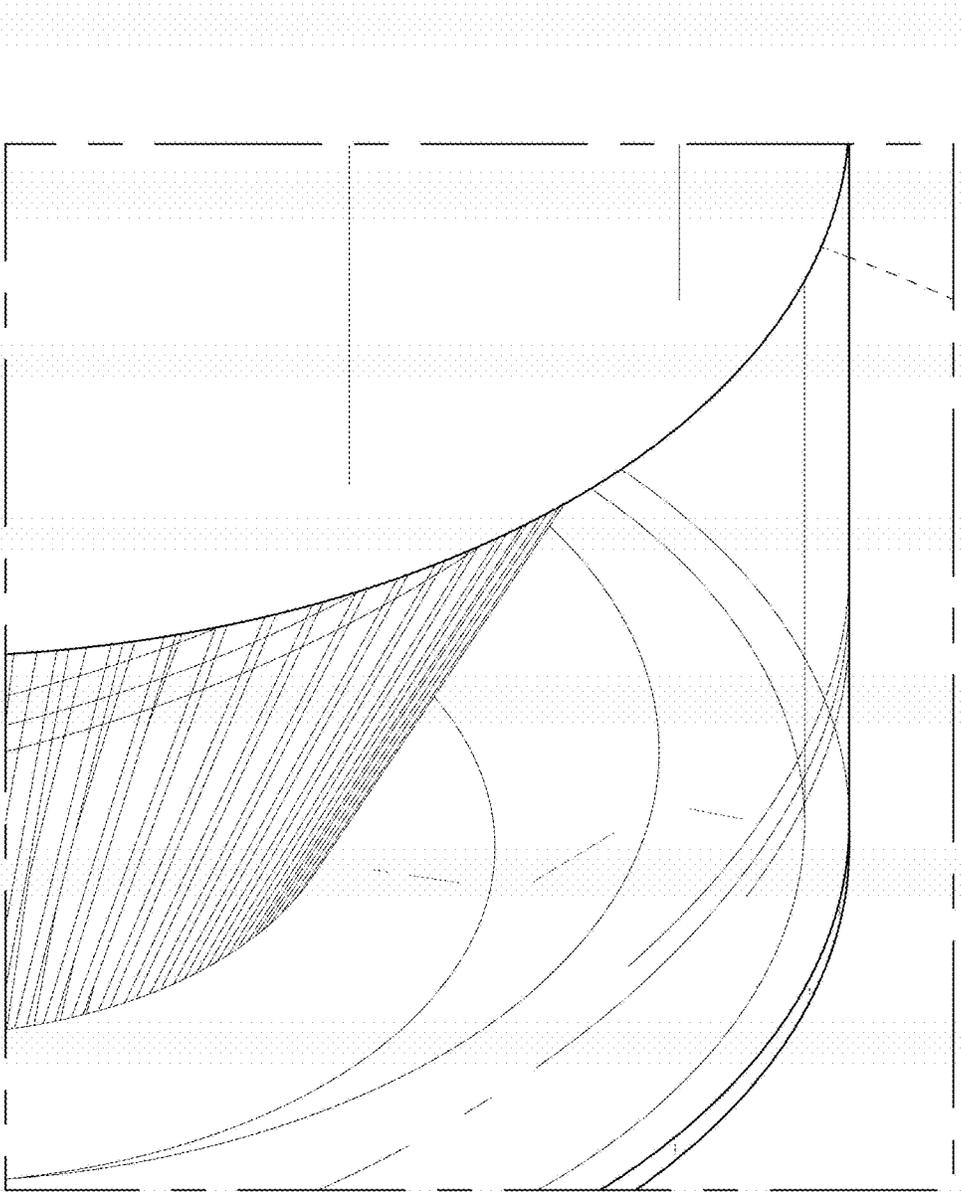


FIG. 11

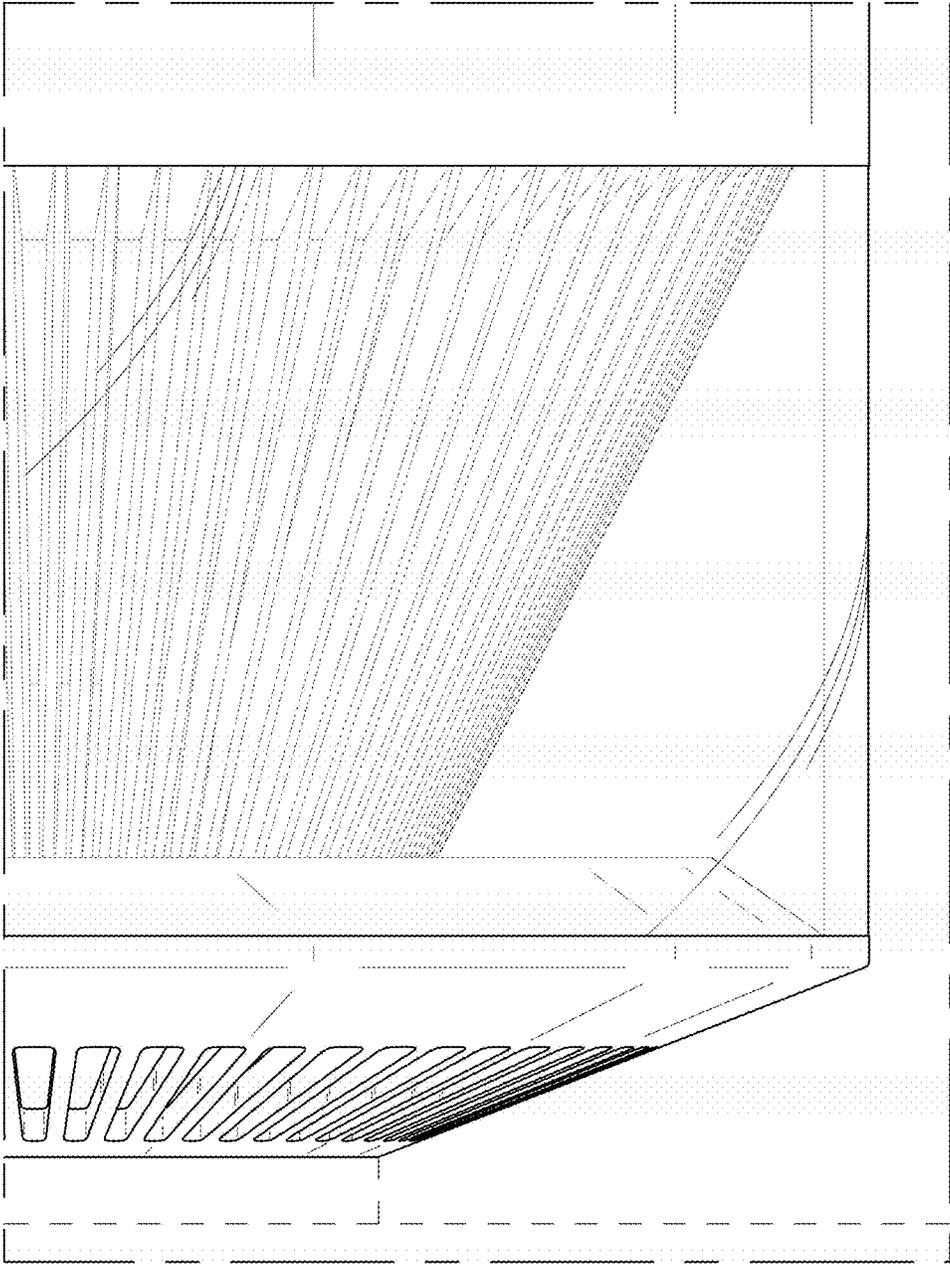


FIG. 12

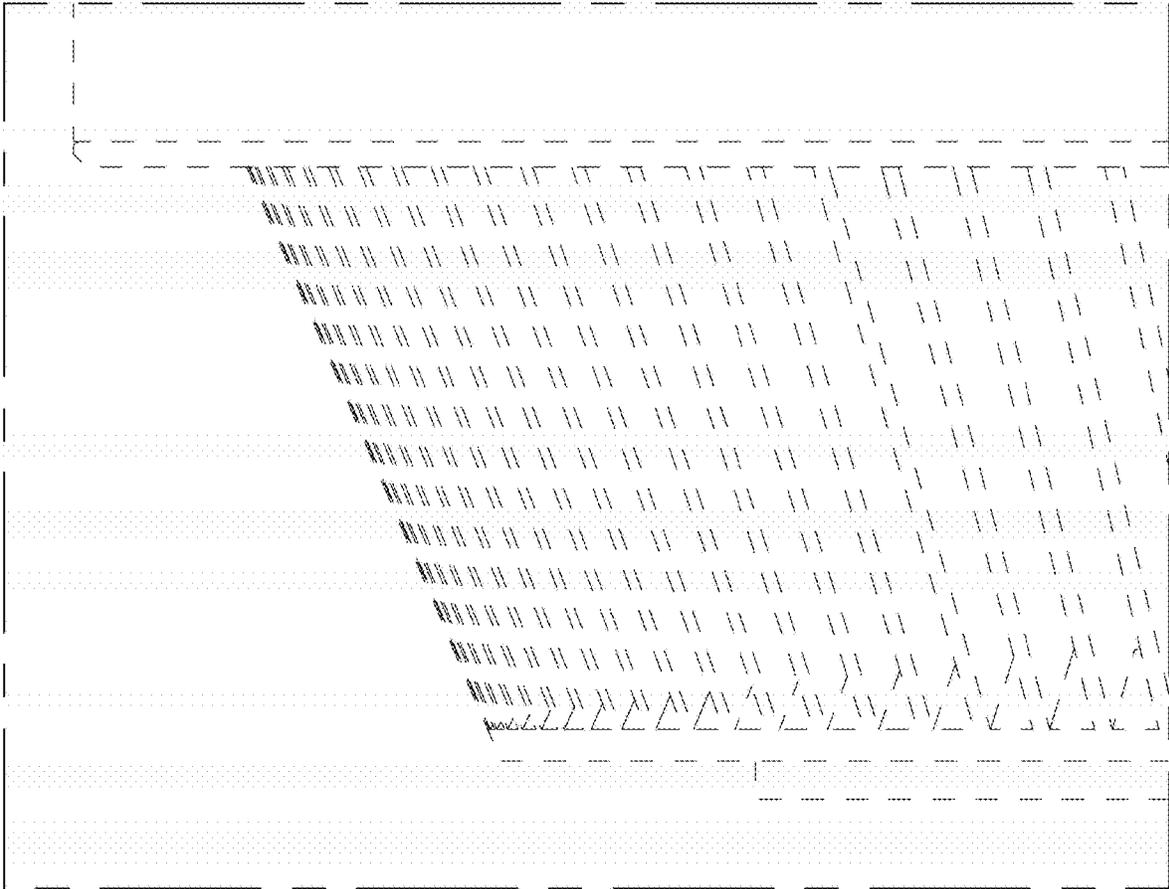


FIG. 13

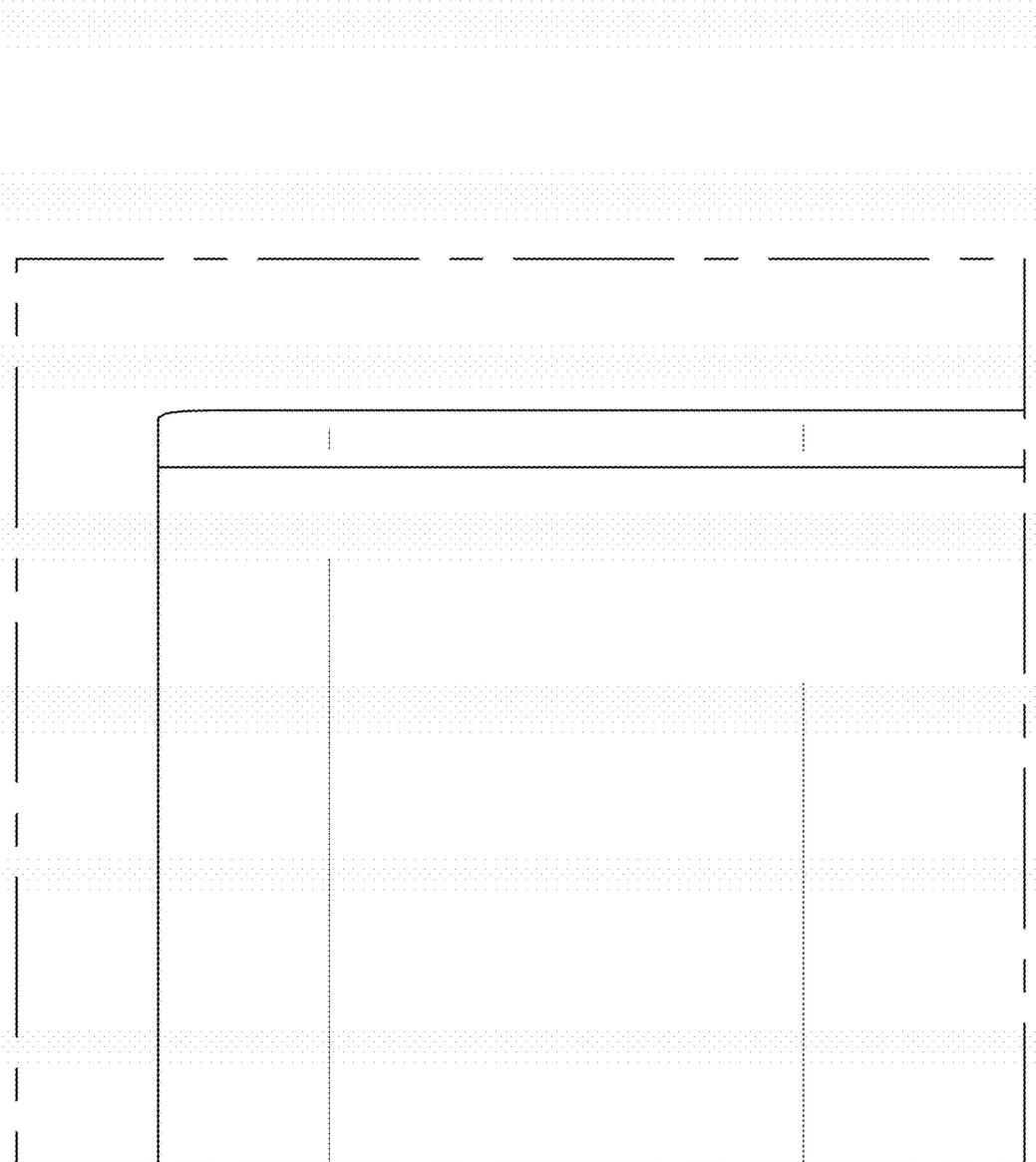


FIG. 14

