



US00D912793S

(12) **United States Design Patent** (10) **Patent No.:** **US D912,793 S**
Riering-Czekalla et al. (45) **Date of Patent:** **** Mar. 9, 2021**

(54) **AIR PURIFIER**

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

(21) Appl. No.: **29/605,090**

(22) Filed: **May 23, 2017**

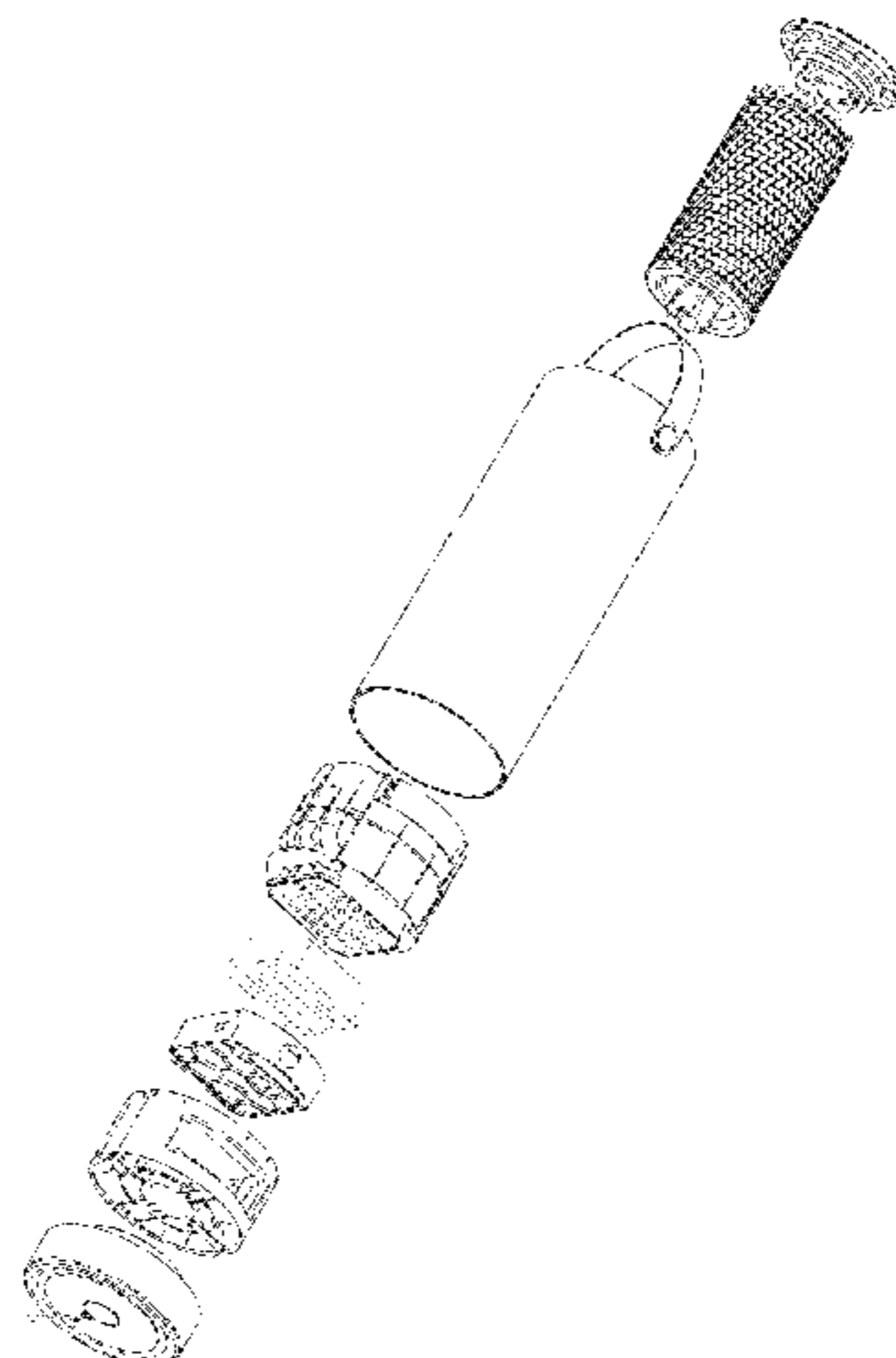
(51) **LOC (13) Cl.** **23-04**

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

(58) **Field of Classification Search**
USPC D23/355-366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; 261/DIG. 17, 261/DIG. 65, DIG. 88, DIG. 31
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2221/02; B01D 2259/4508; B01D 46/0004; B01D 46/0032; B01D 46/00; B01D 46/0039; B03C 3/155; B03C 3/368; F24F 3/16; F24F 3/20; F24F 13/28; F24F 2001/0096; F24F 3/1405; F24F 3/1603; F04D 13/06; F04D 29/526; F04D 29/545; F04D 29/547
See application file for complete search history.

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Primary Examiner — Nathan M Johnston
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(57) **CLAIM**

We claim the ornamental design for an air purifier, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view from the top, back, left of an exploded view of a first embodiment of the air purifier showing our new design.

FIG. 2 is an isometric view from the bottom, front, right of the exploded view thereof.

FIG. 3 is a rear elevation view of the exploded view thereof.

FIG. 4 is a front elevation view of the exploded view thereof.

FIG. 5 is a left side elevation view of the exploded view thereof.

FIG. 6 is a right side elevation view of the exploded view thereof.

FIG. 7 is a top plan view of the first element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a top plan view of a second element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 10 is a bottom plan view thereof.

FIG. 11 is a top plan of a third element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 12 is a bottom plan view thereof.

FIG. 13 is a top plan view of a fourth element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 14 is a bottom plan view thereof.

FIG. 15 is a top plan view of a fifth element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 16 is a bottom plan view thereof.

FIG. 17 is a top plan view of a sixth element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 18 is a bottom plan view thereof.

FIG. 19 is a top plan view of a seventh element of the first embodiment of the air purifier shown separately for ease of illustration.

FIG. 20 is a bottom plan view thereof.

FIG. 21 is an illustrative assembly view from the top, back, left of an exploded view of the first embodiment of the air purifier.

FIG. 22 is an isometric view from the top, back, left of an exploded view of a second embodiment of the air purifier showing our new design.

FIG. 23 is an isometric view from the bottom, front, right of the exploded view thereof.

FIG. 24 is a rear elevation view of the exploded view thereof.

FIG. 25 is a front elevation view of the exploded view thereof.

FIG. 26 is a left side elevation view of the exploded view thereof.

FIG. 27 is a right side elevation view of the exploded view thereof.

FIG. 28 is a top plan view of a first element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 29 is a bottom plan view thereof.

FIG. 30 is a top plan view of a second element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 31 is a bottom plan view thereof.

FIG. 32 is a top plan view of a third element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 33 is a bottom plan thereof.

FIG. 34 is a top plan view of a fourth element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 35 is a bottom plan view thereof.

FIG. 36 is a top plan view of a fifth element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 37 is a bottom plan view thereof.

FIG. 38 is a top plan view of a sixth element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 39 is a bottom plan view thereof.

FIG. 40 is a top plan view of a seventh element of the second embodiment of the air purifier shown separately for ease of illustration.

FIG. 41 is a bottom plan view thereof; and,

FIG. 42 is an illustrative assembly view from the top, back, left of an exploded view of the second embodiment of the air purifier.

The broken lines show portions of the design that form no part of the claimed design.

1 Claim, 14 Drawing Sheets

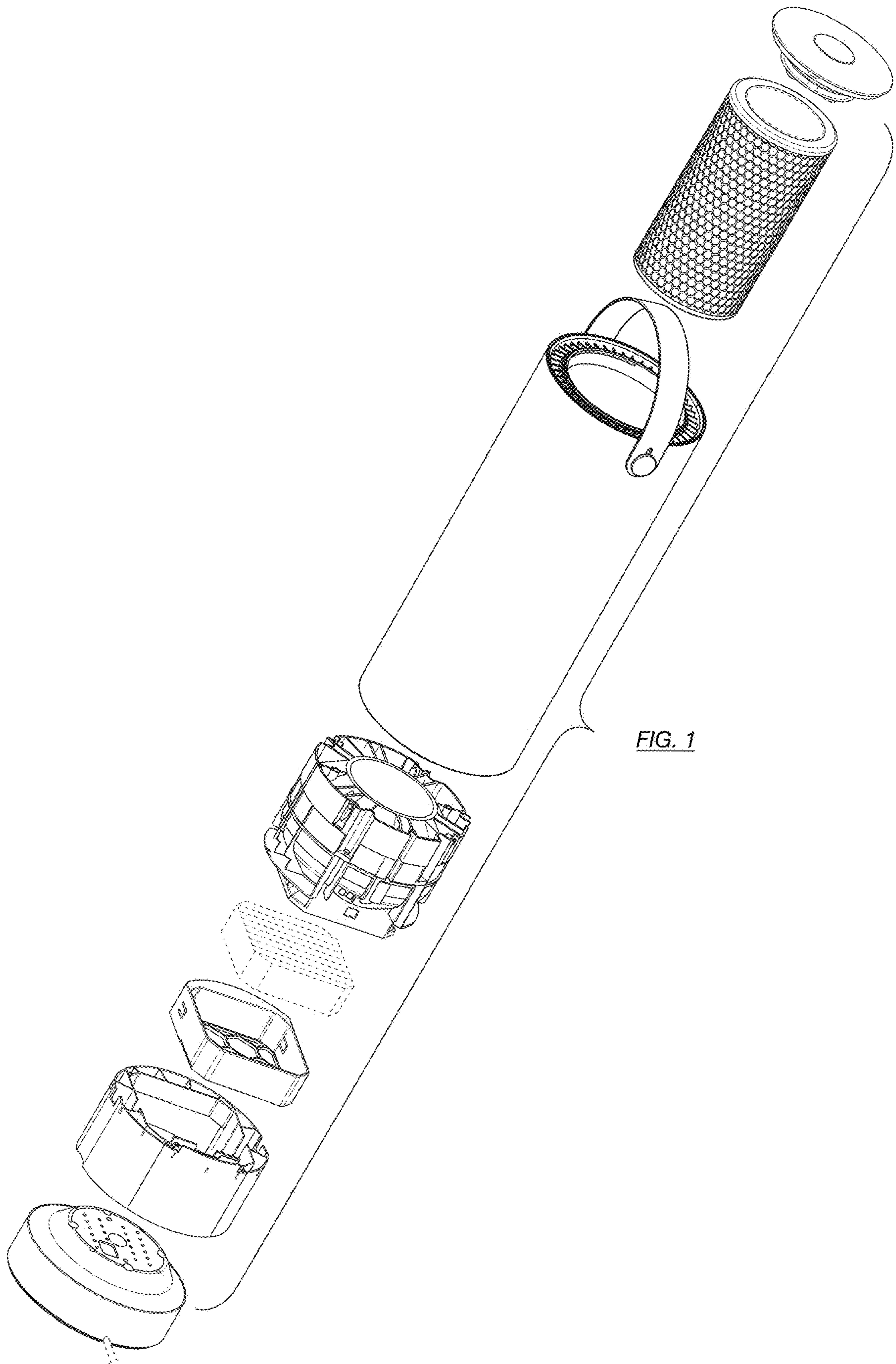


FIG. 1

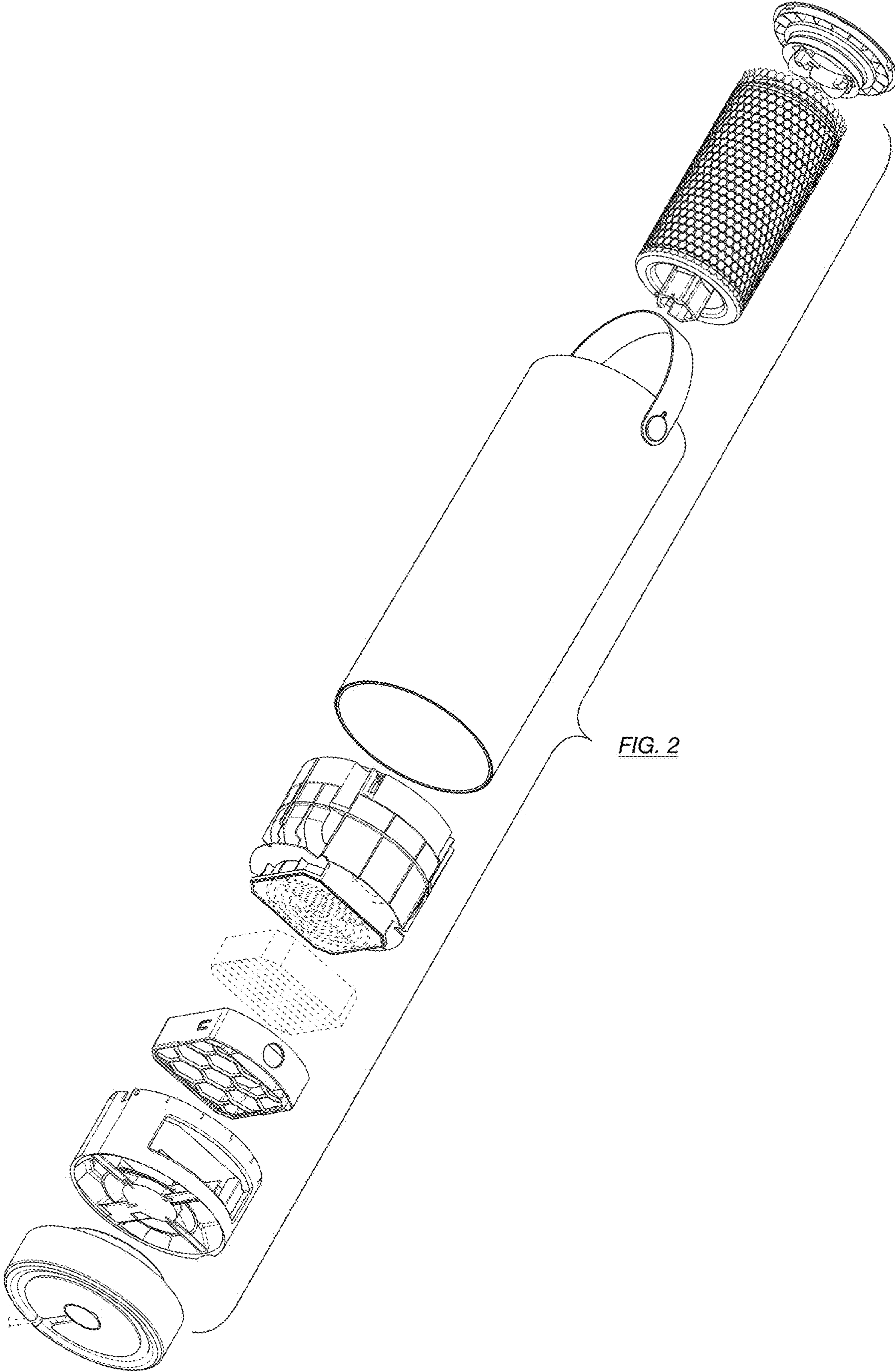


FIG. 2

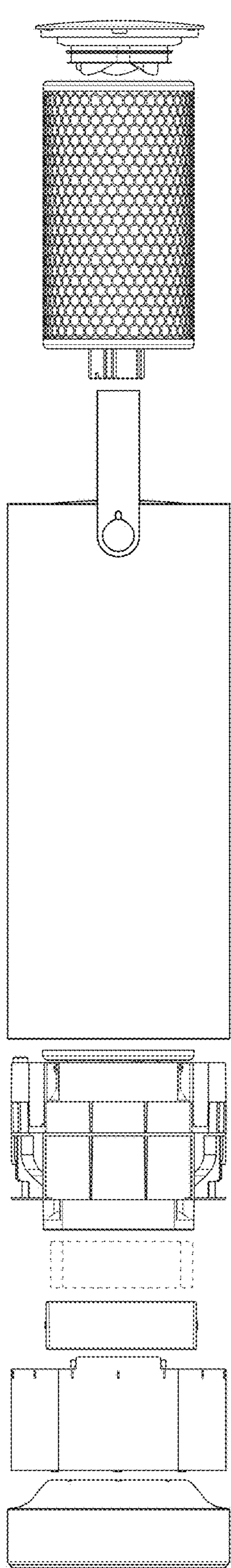


FIG. 3



FIG. 4

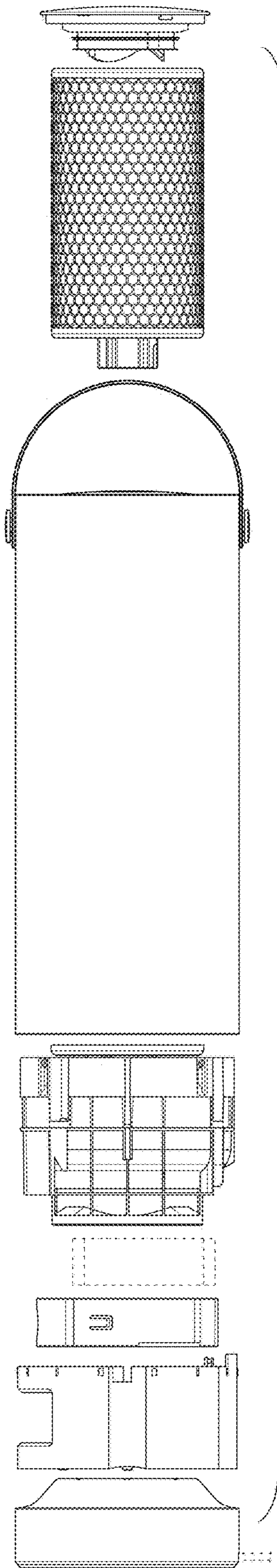


FIG. 5

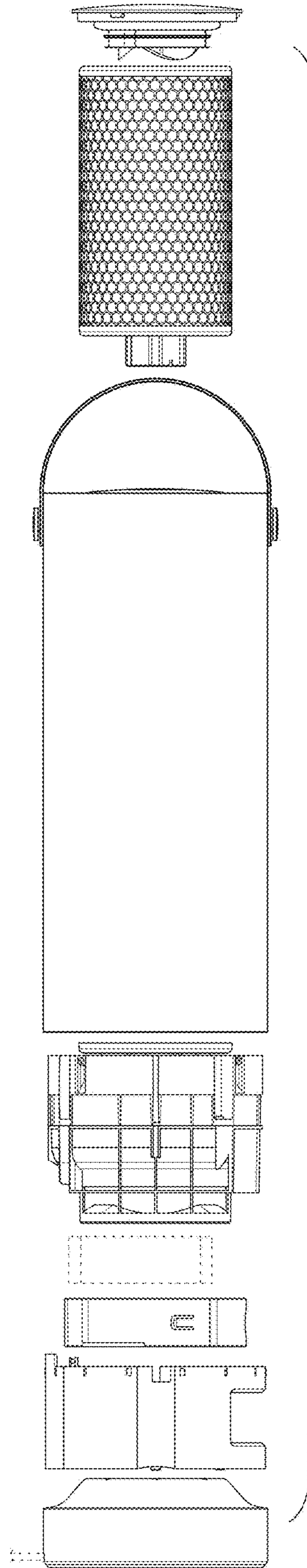


FIG. 6

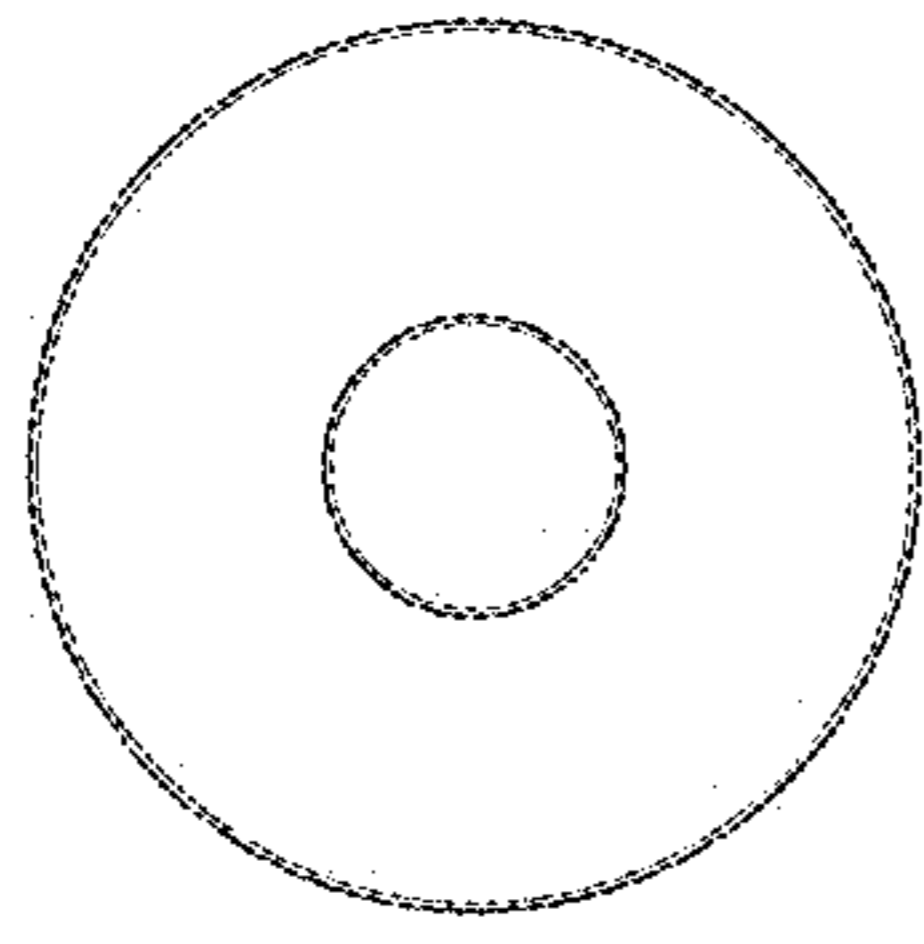


FIG. 7

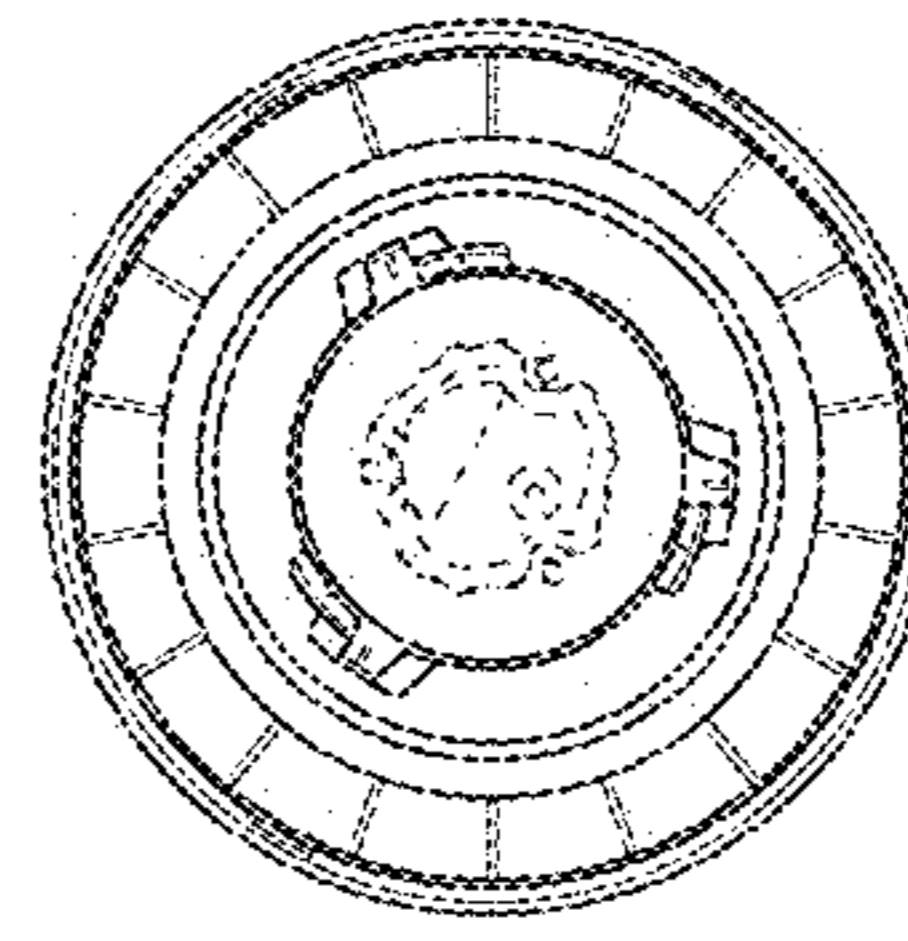


FIG. 8

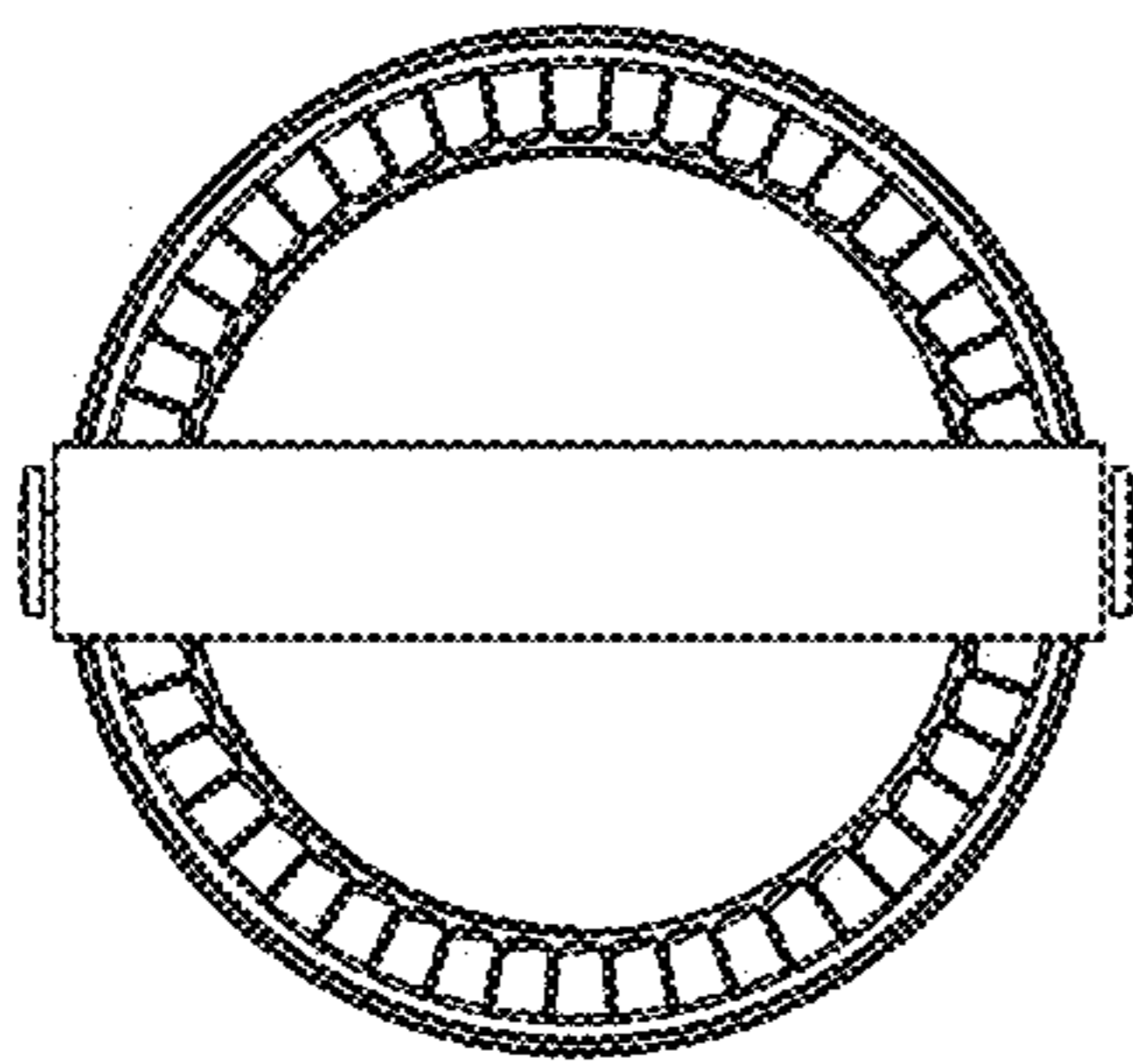


FIG. 9

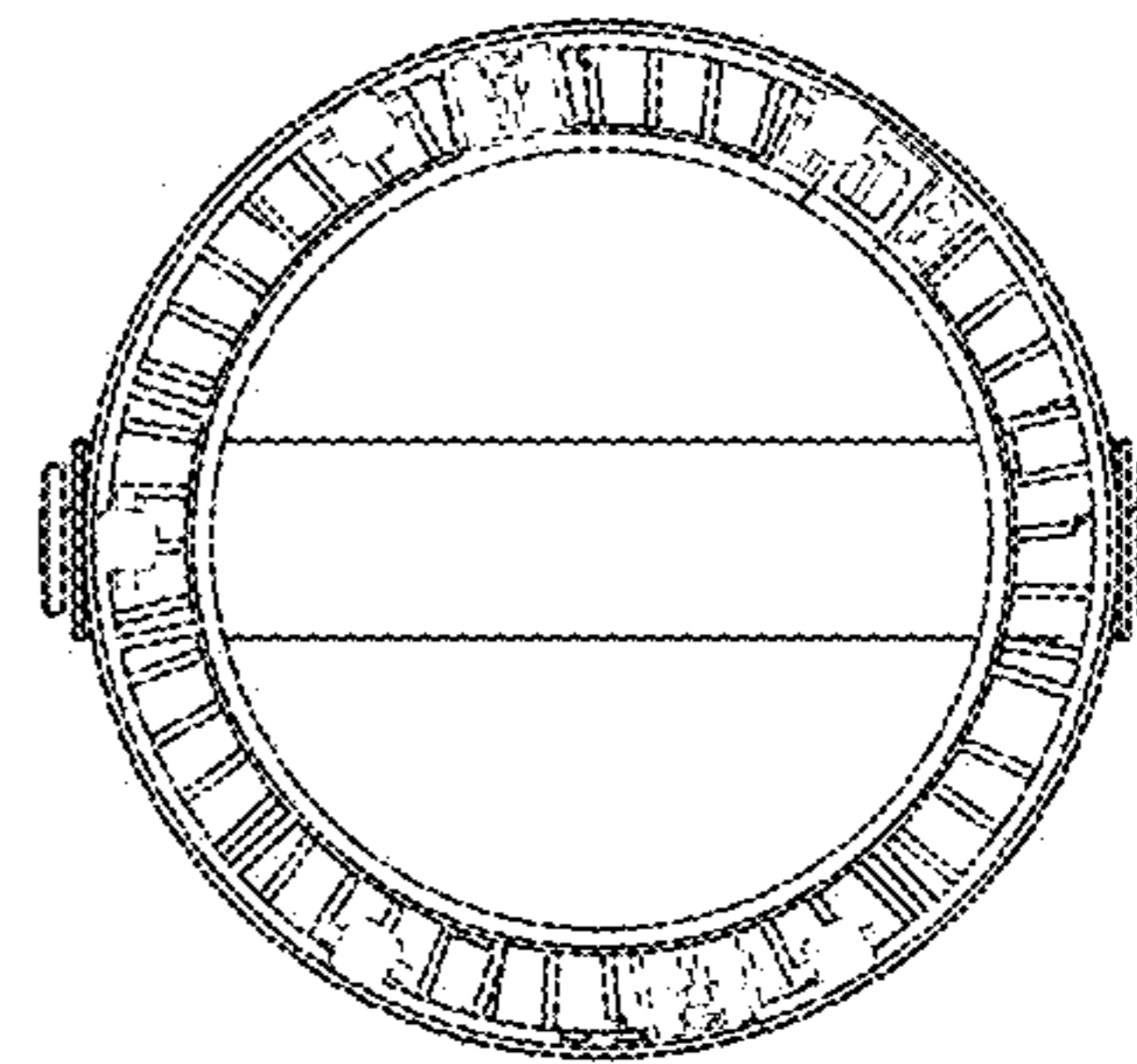


FIG. 10

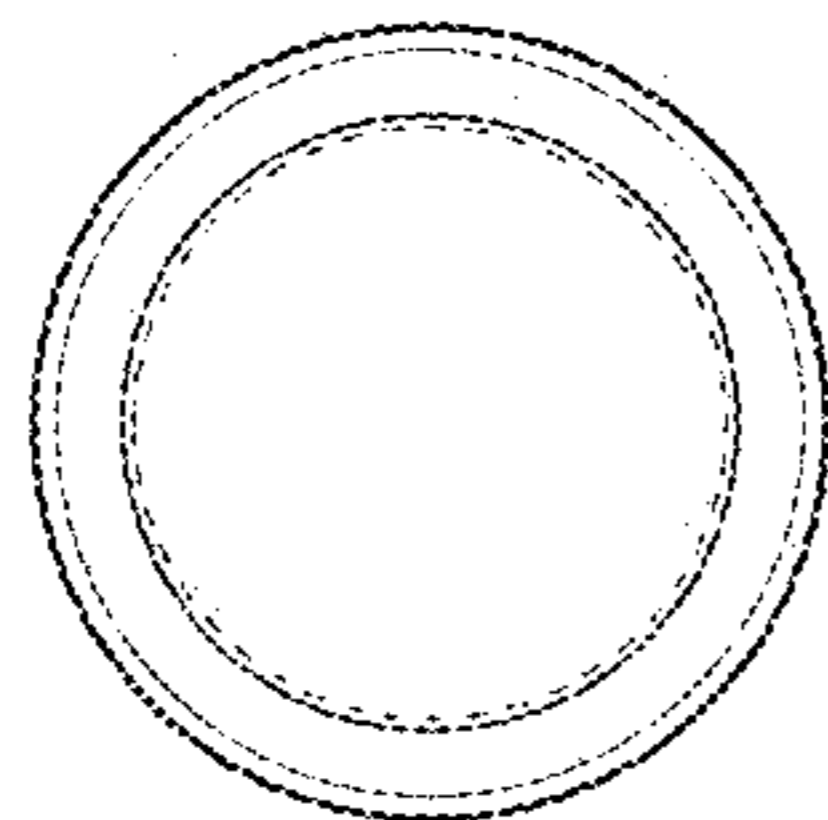


FIG. 11

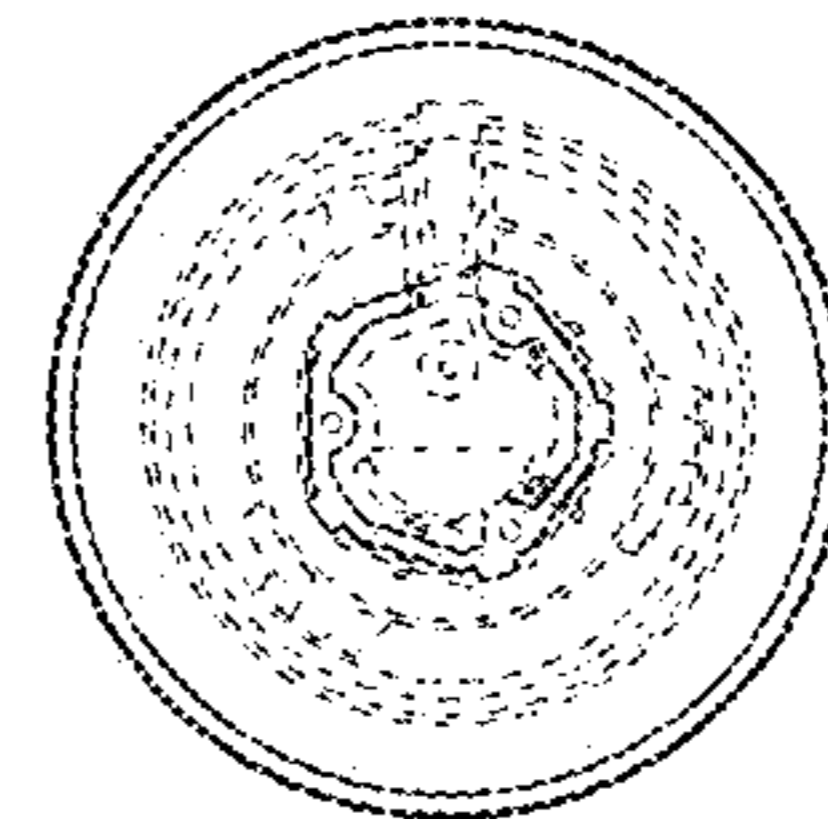


FIG. 12

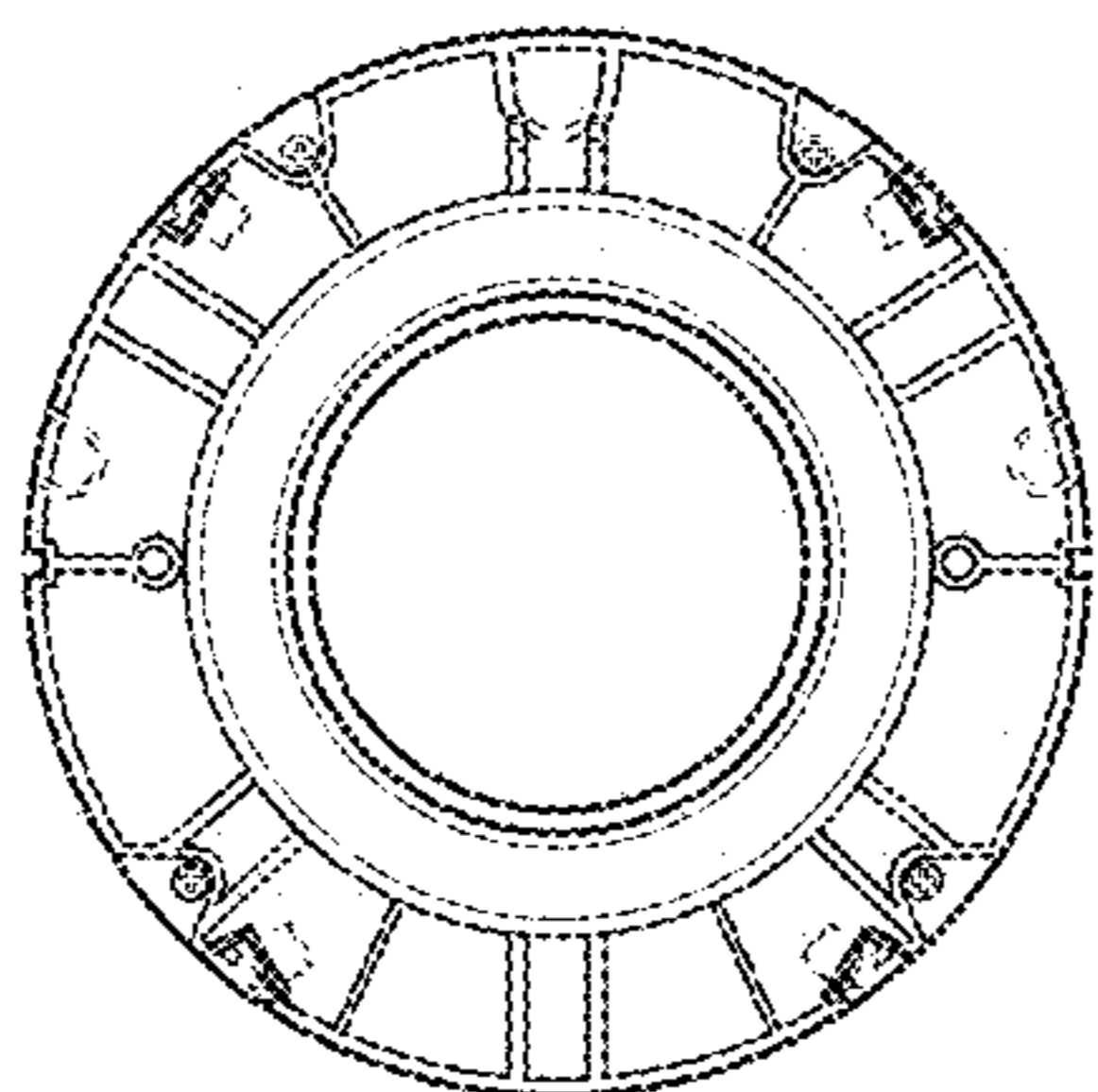


FIG. 13

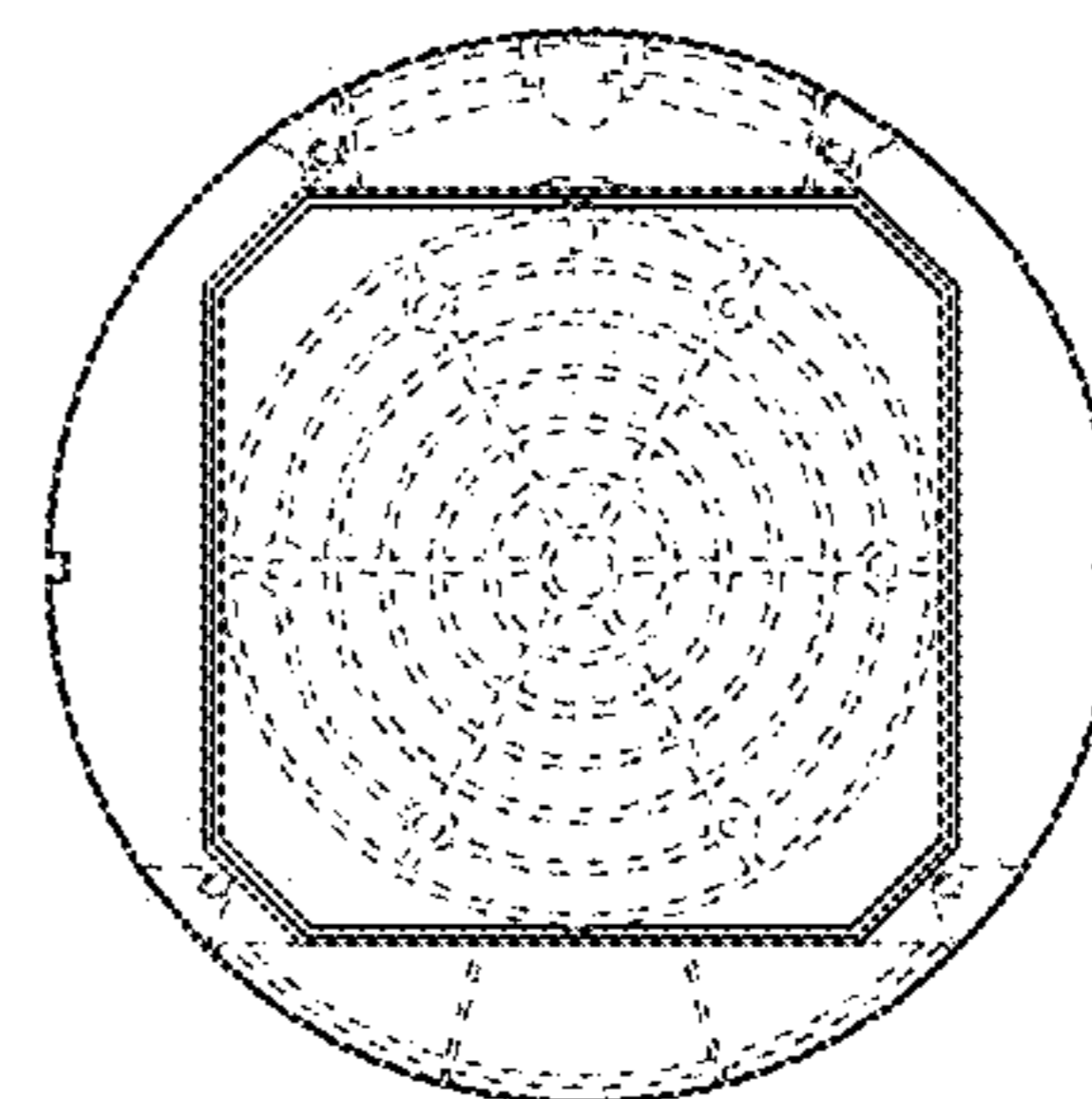


FIG. 14

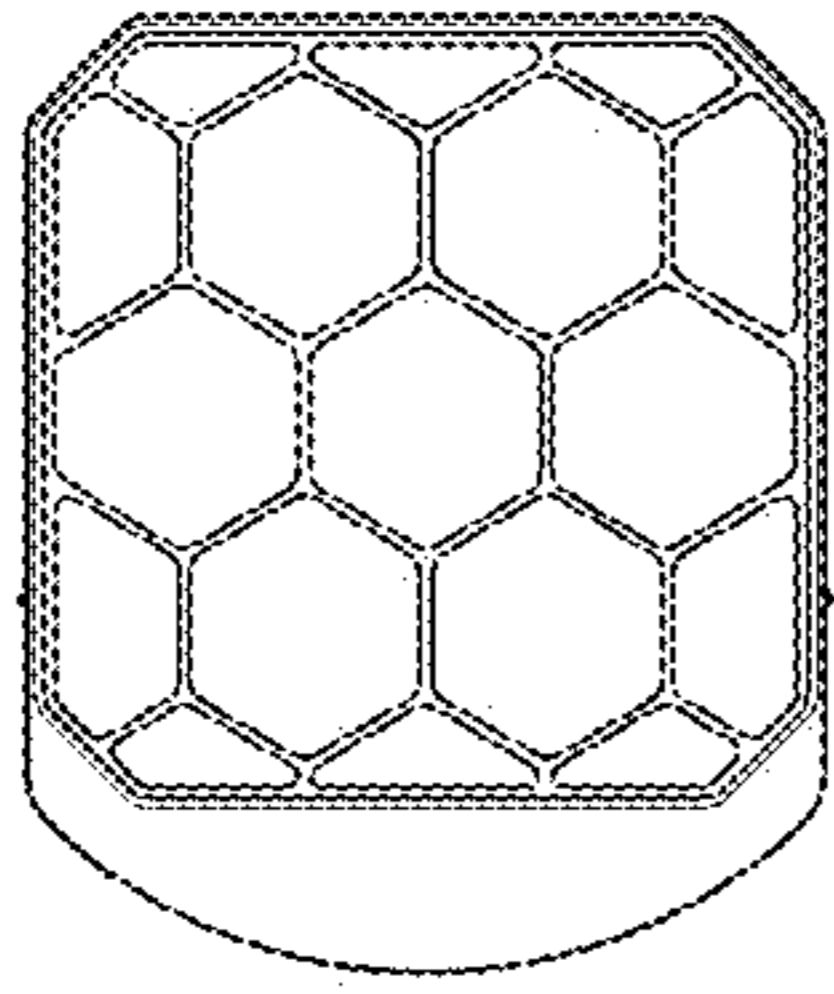


FIG. 15

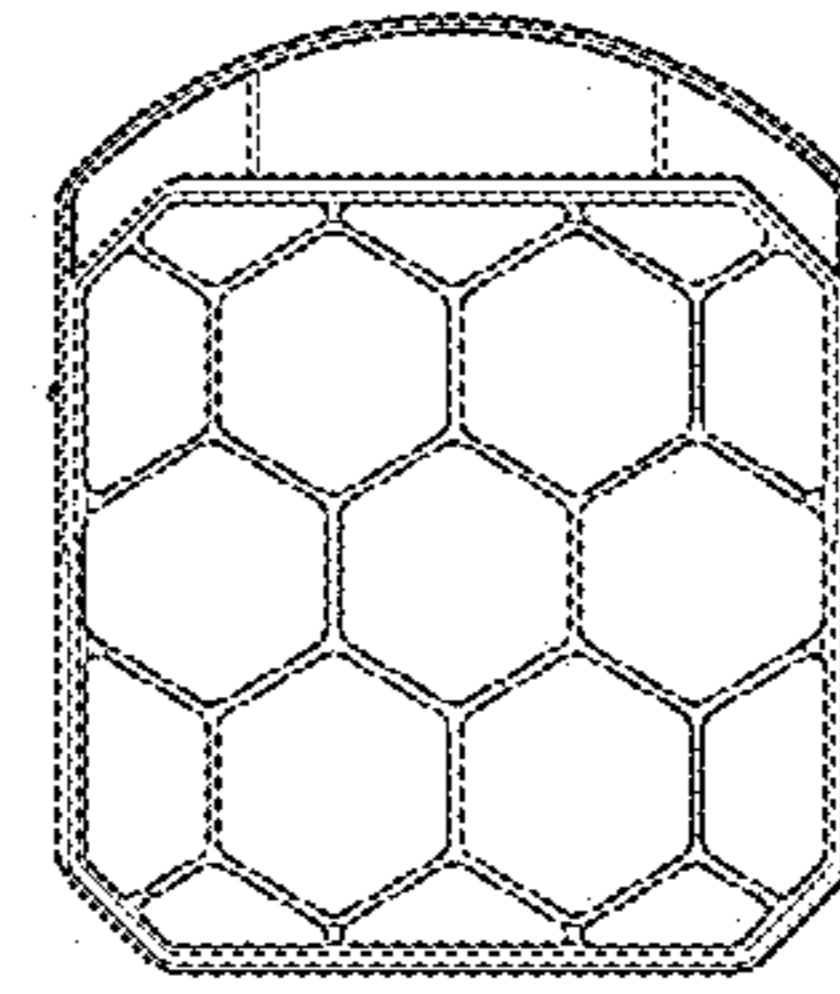


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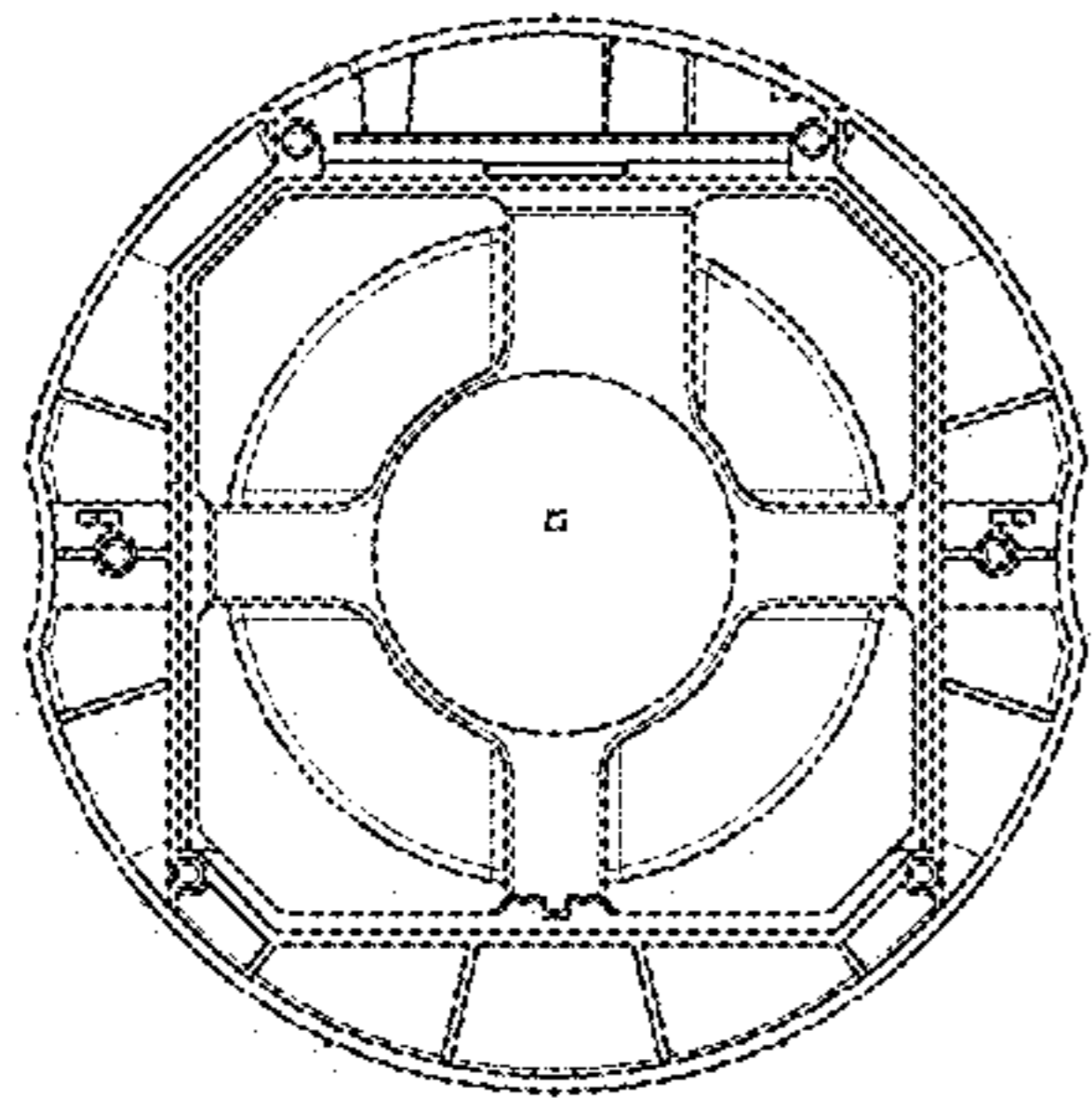


FIG. 17

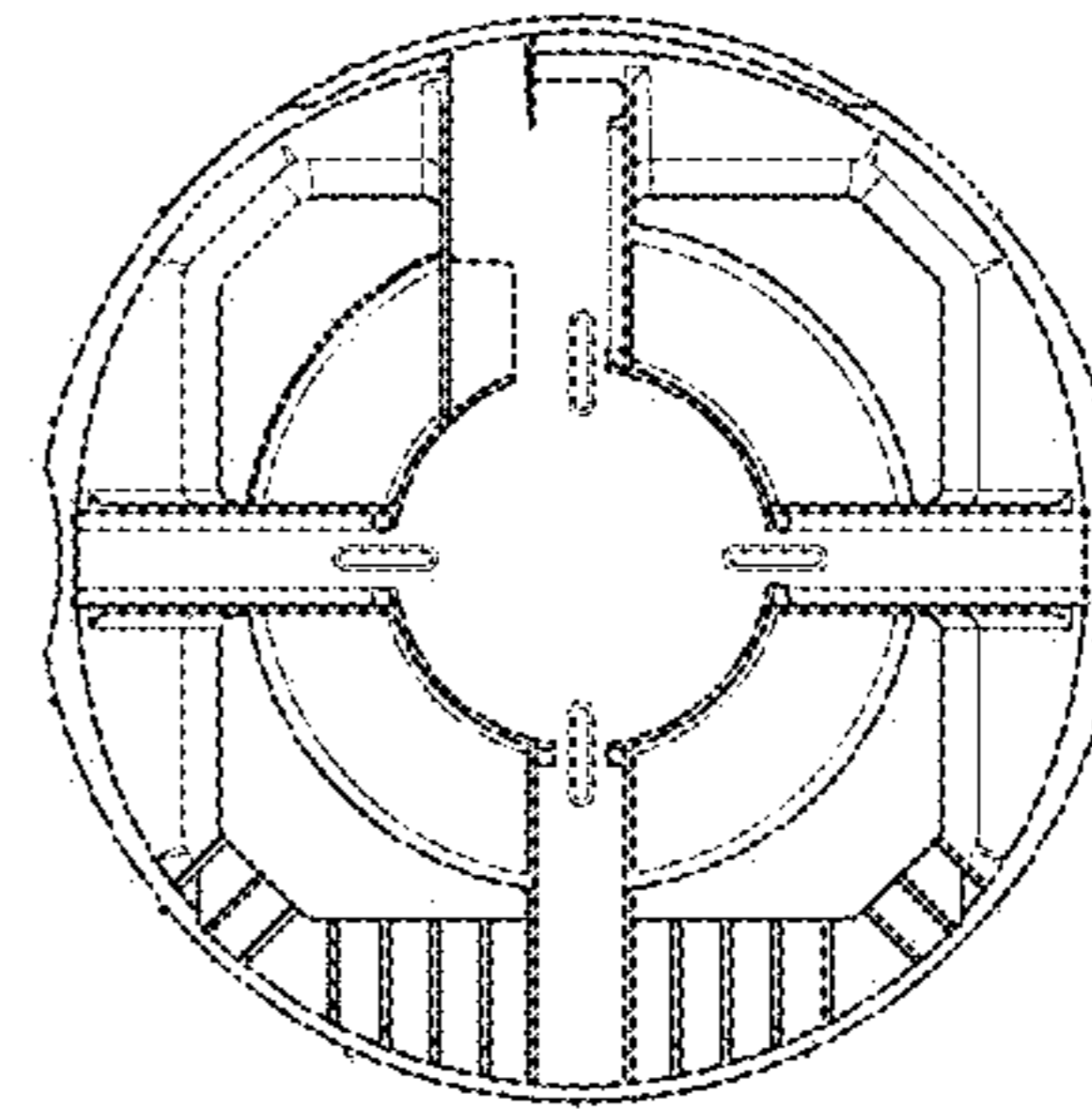


FIG. 18

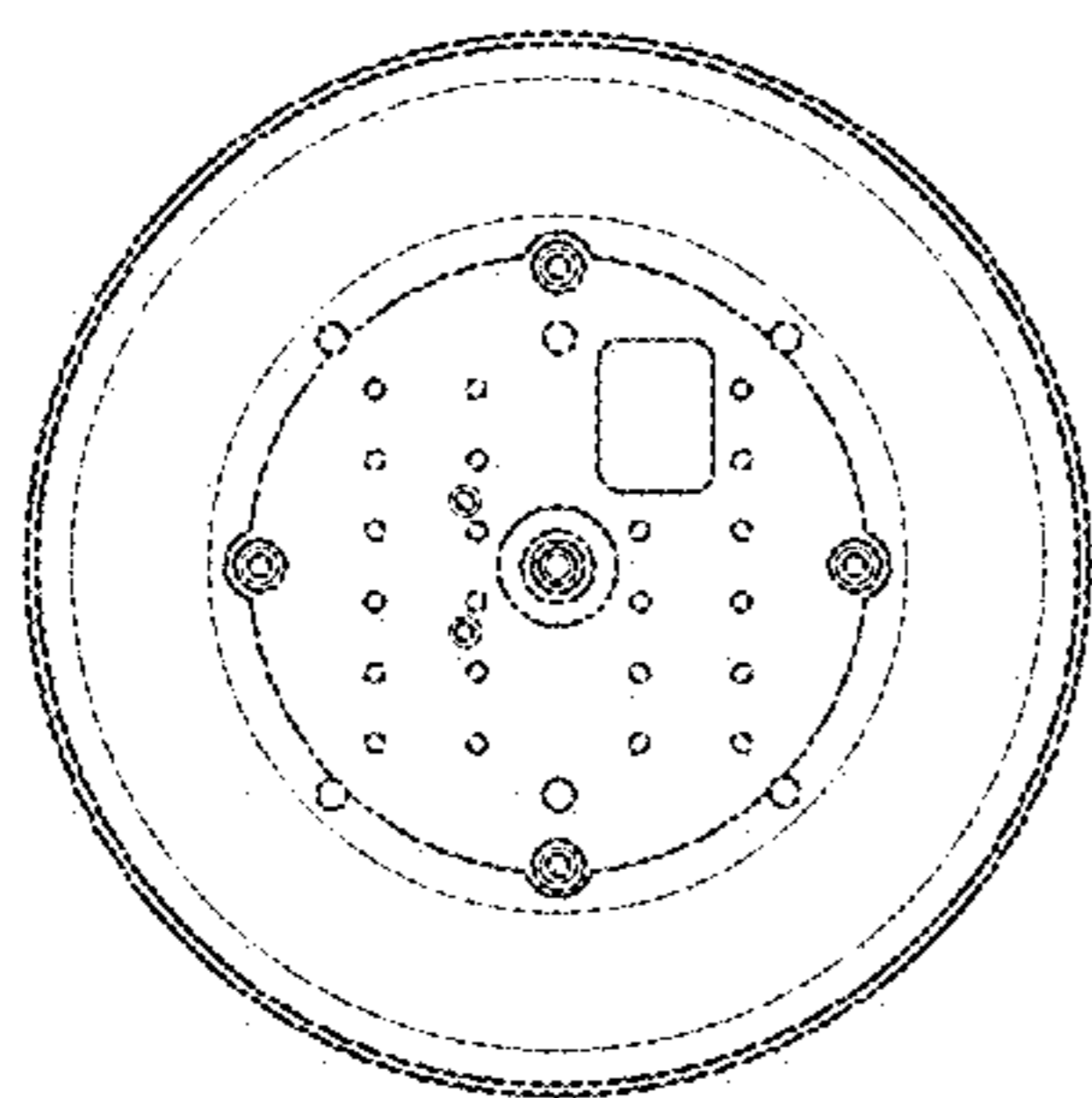


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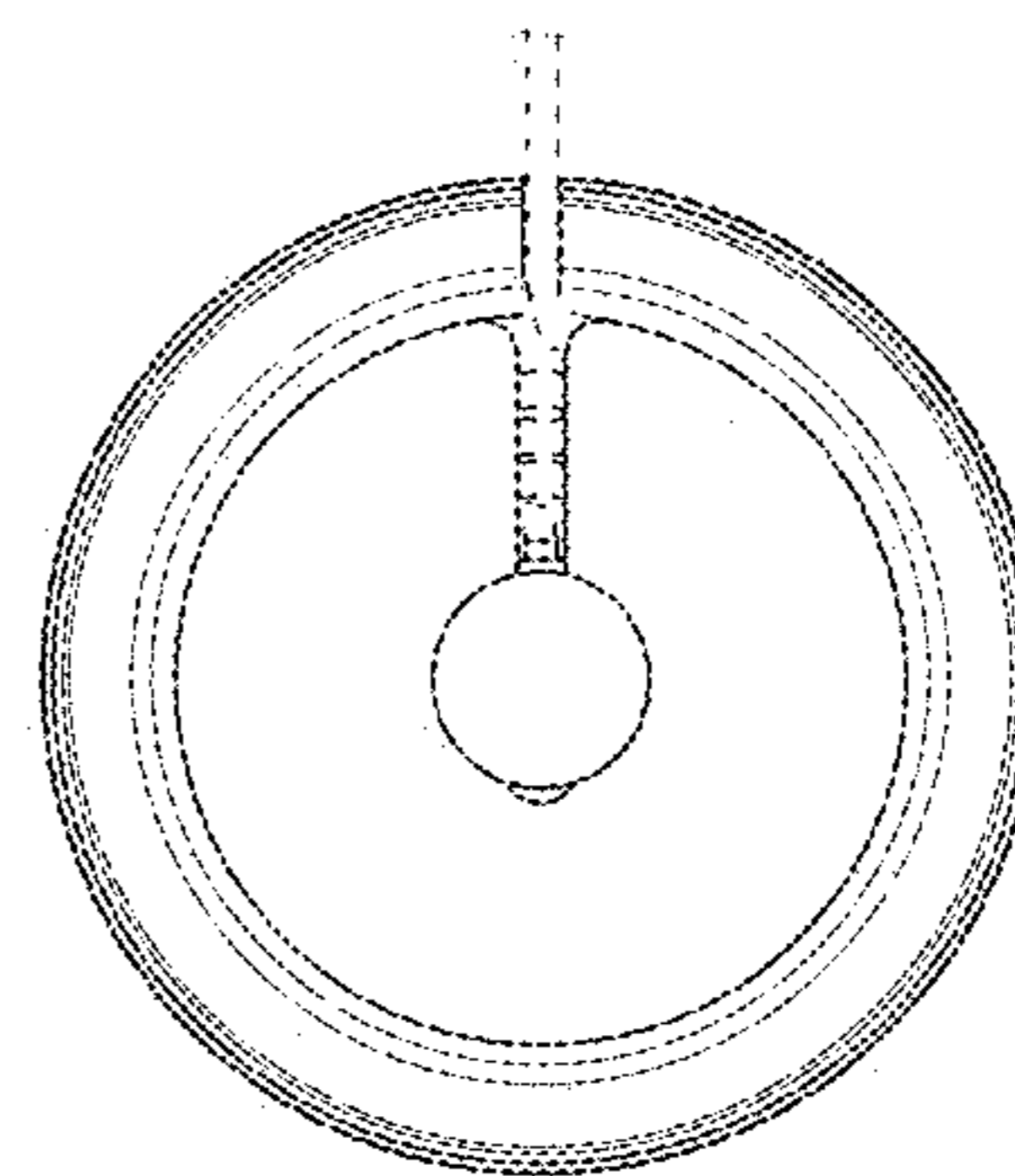


FIG. 20

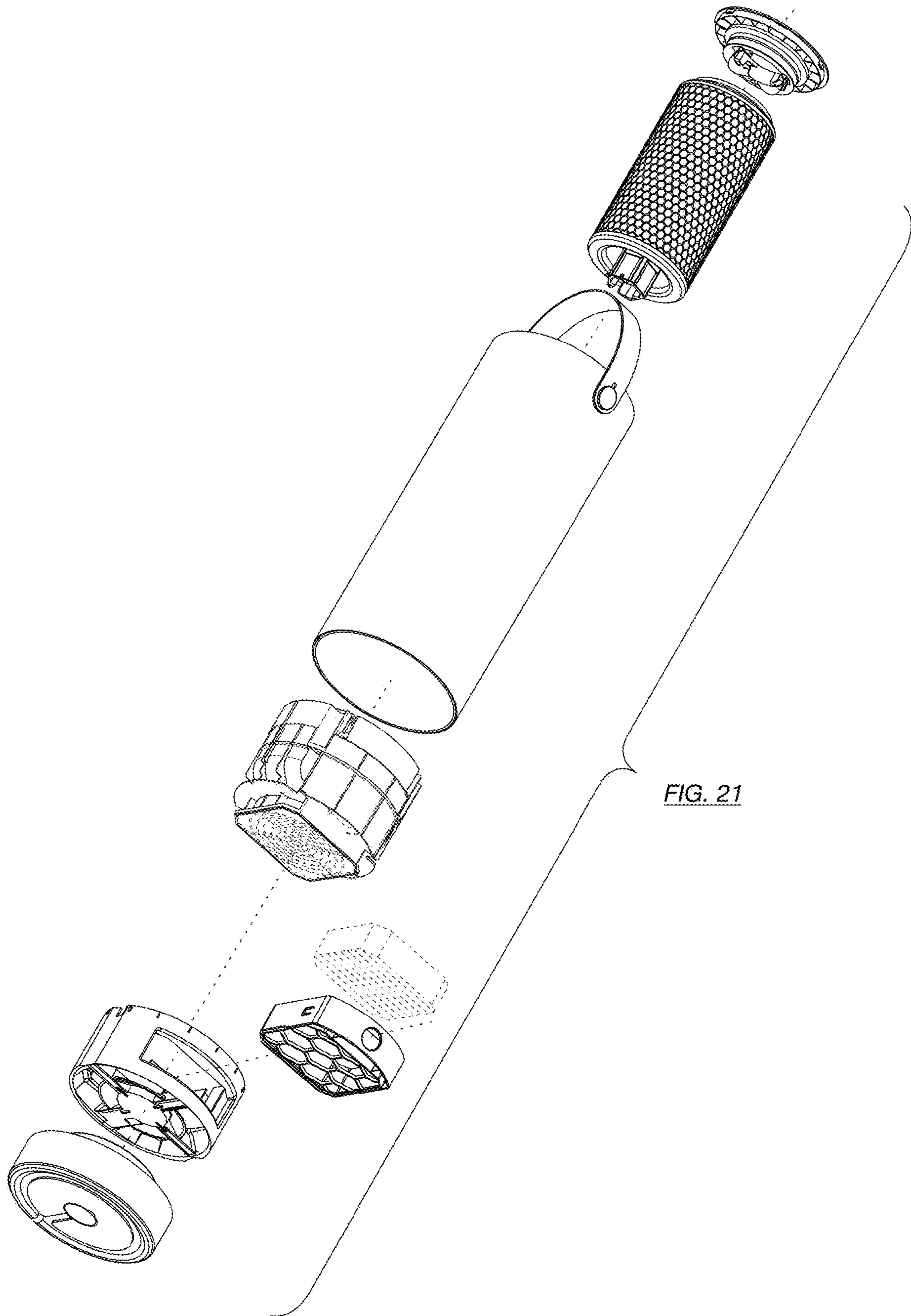


FIG. 21

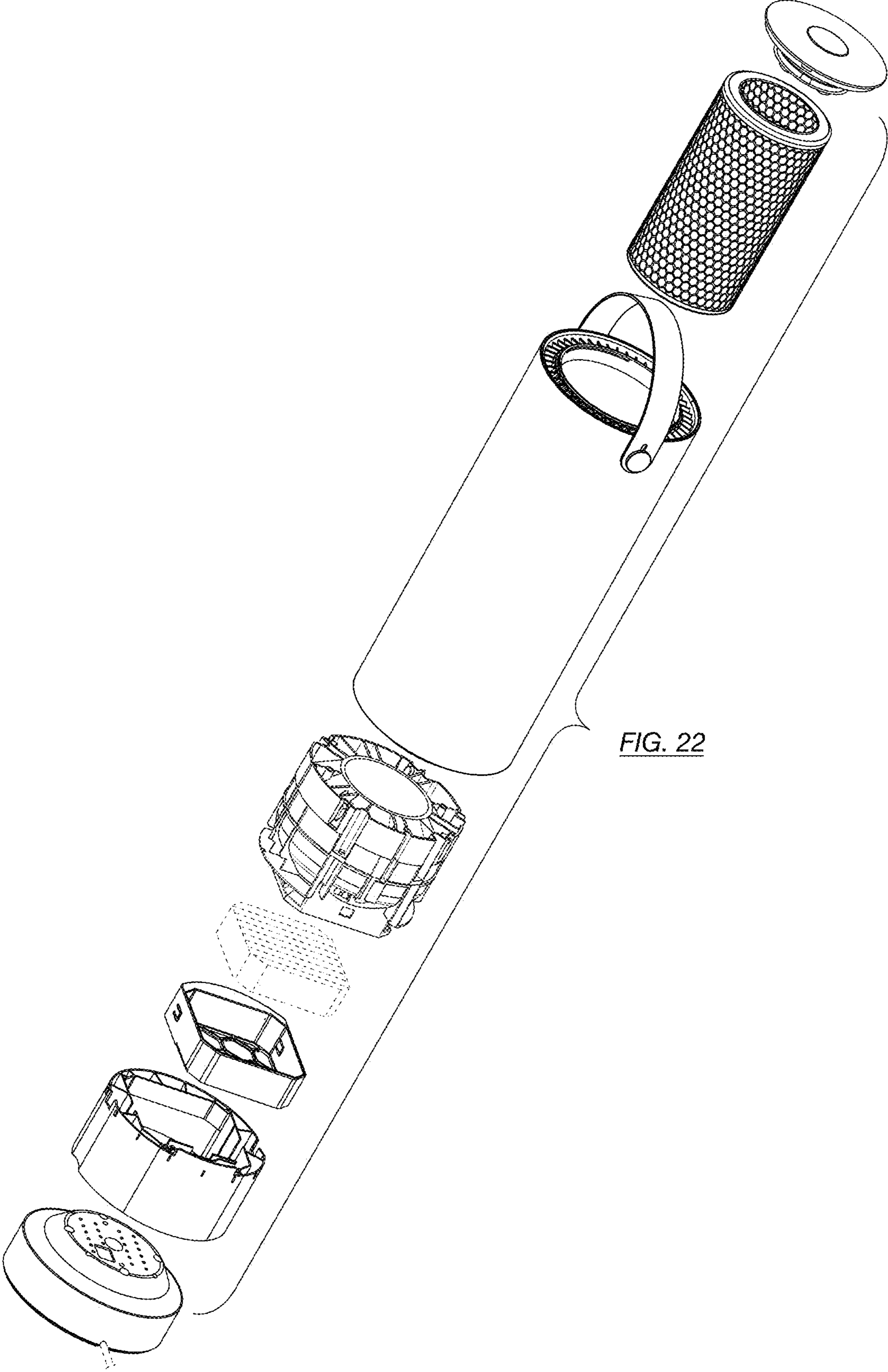


FIG. 22

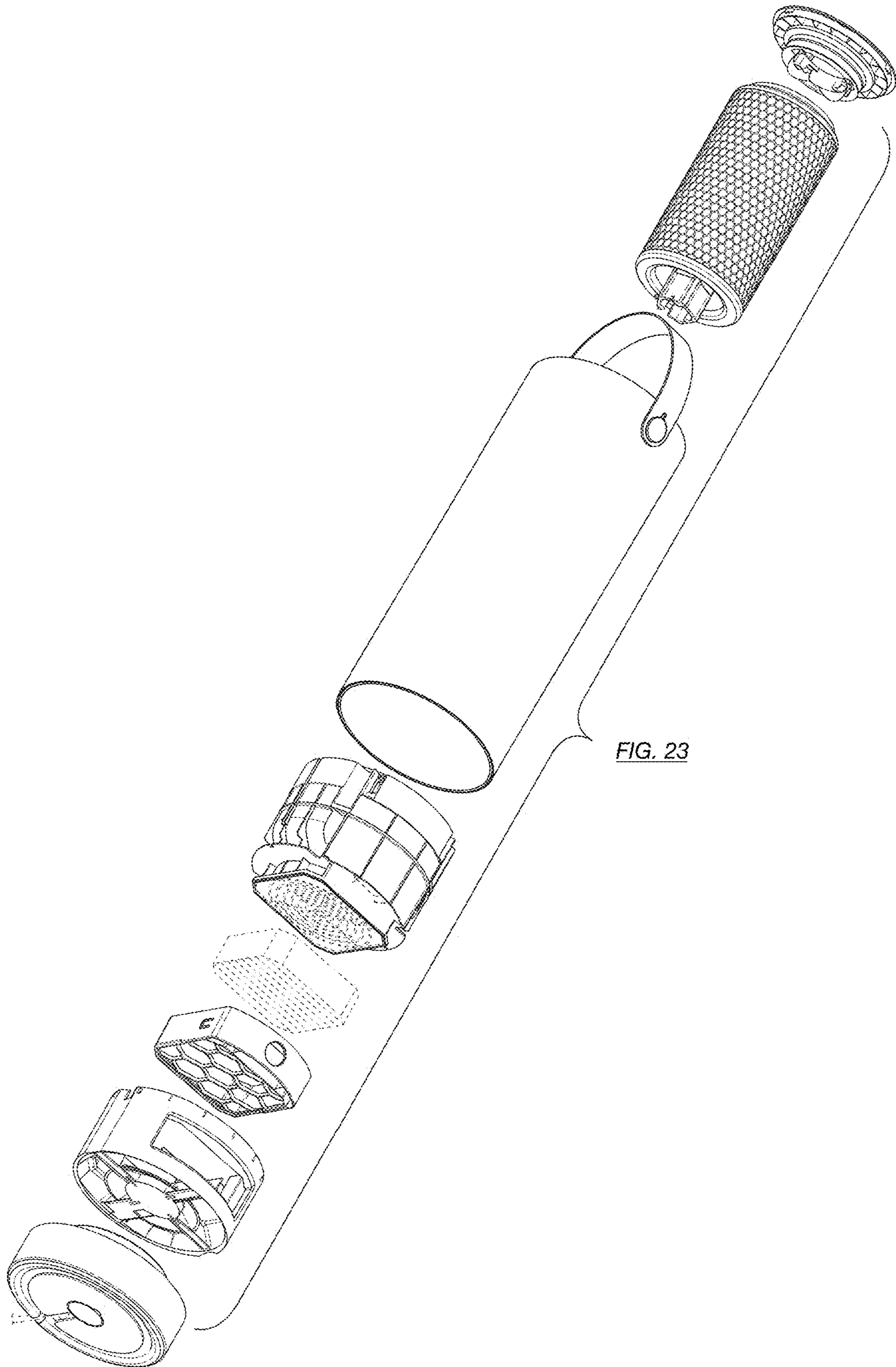


FIG. 23

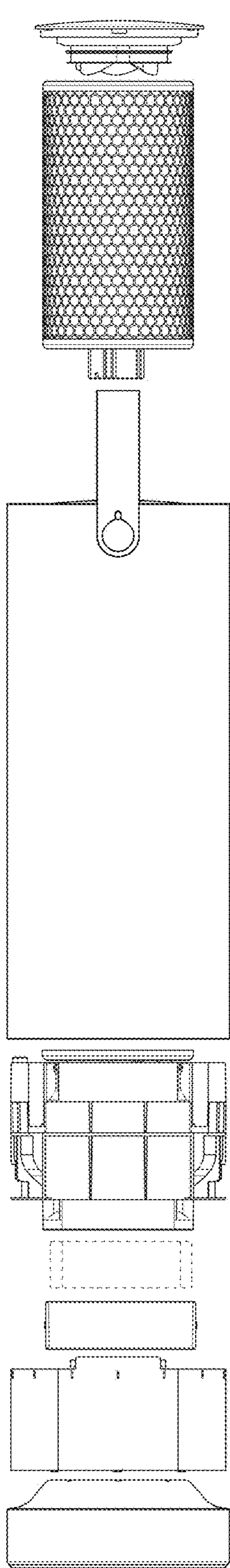


FIG. 24



FIG. 25

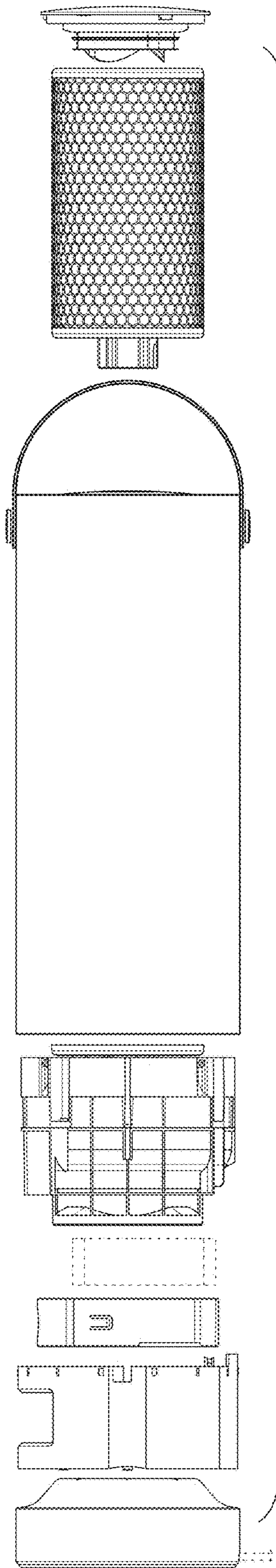


FIG. 26

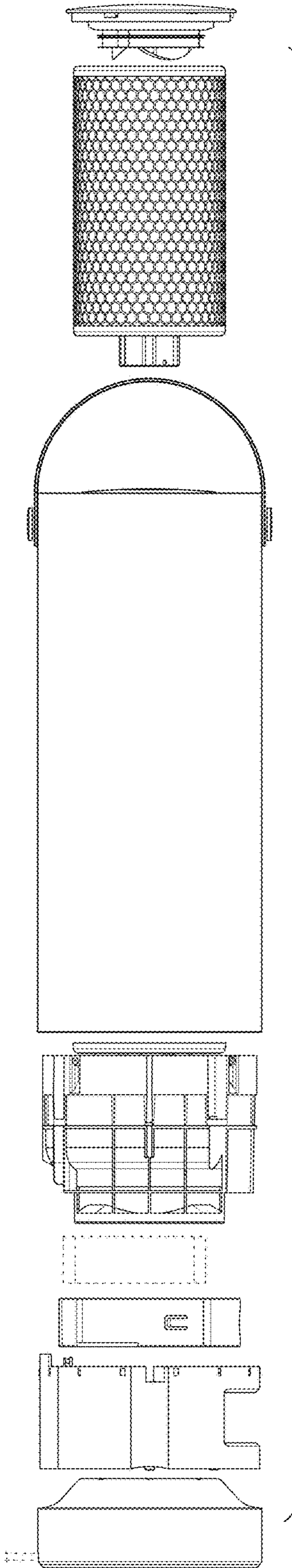


FIG. 27

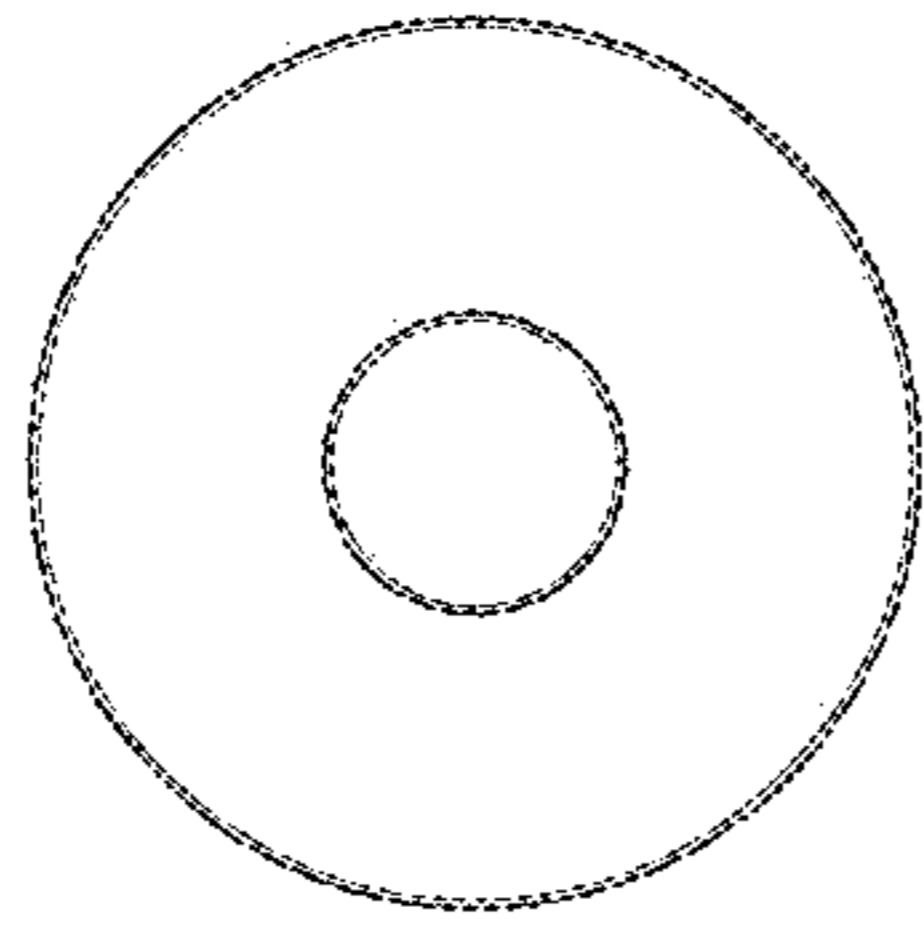


FIG. 28

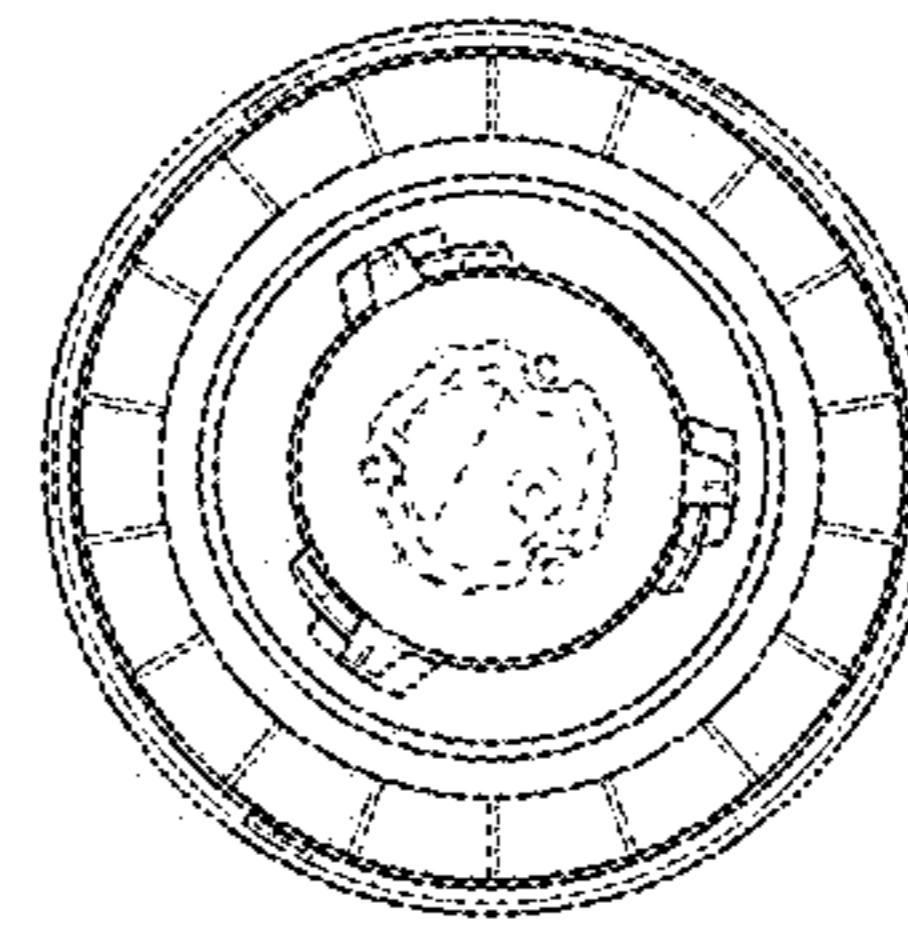


FIG. 29

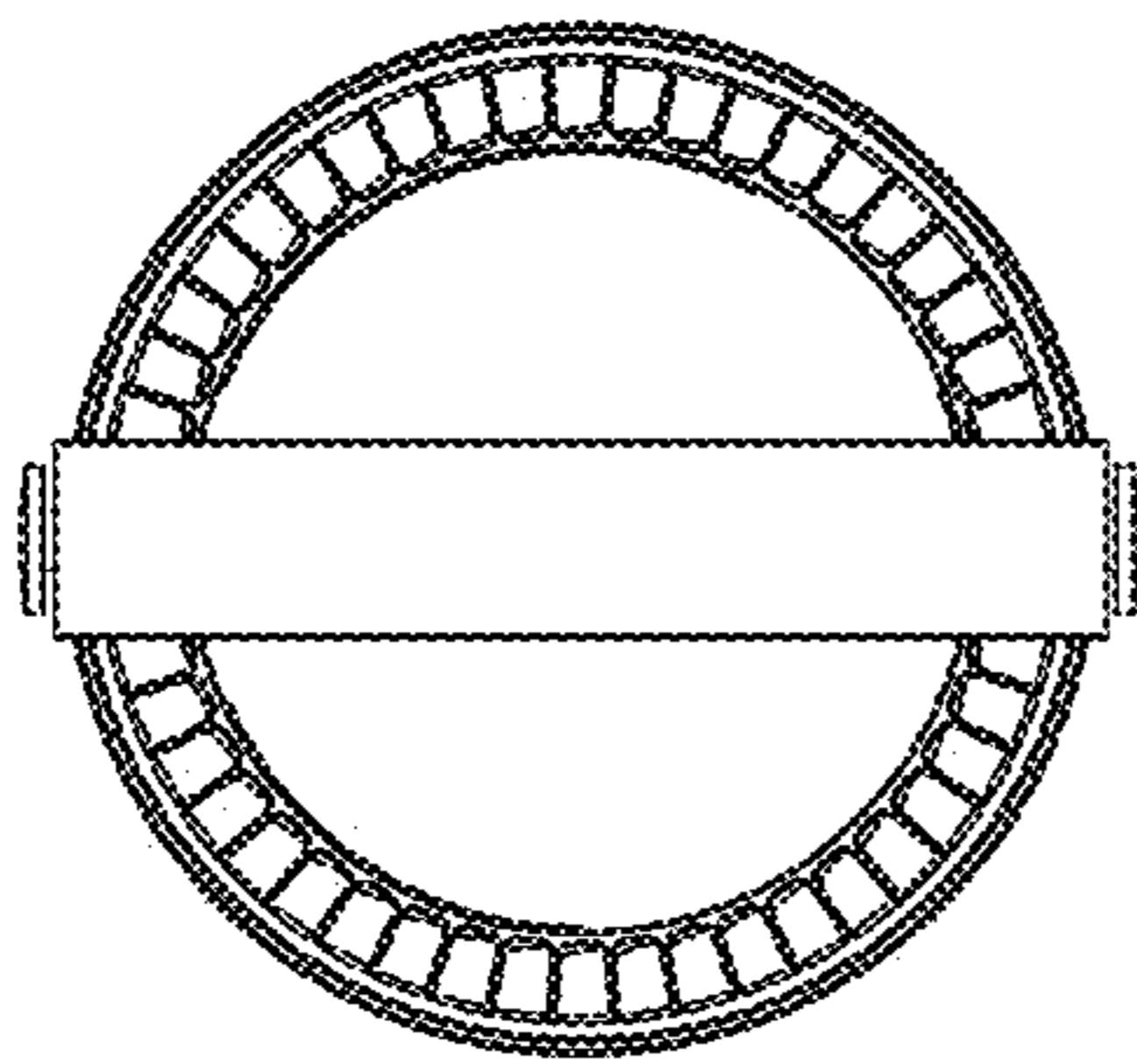


FIG. 30

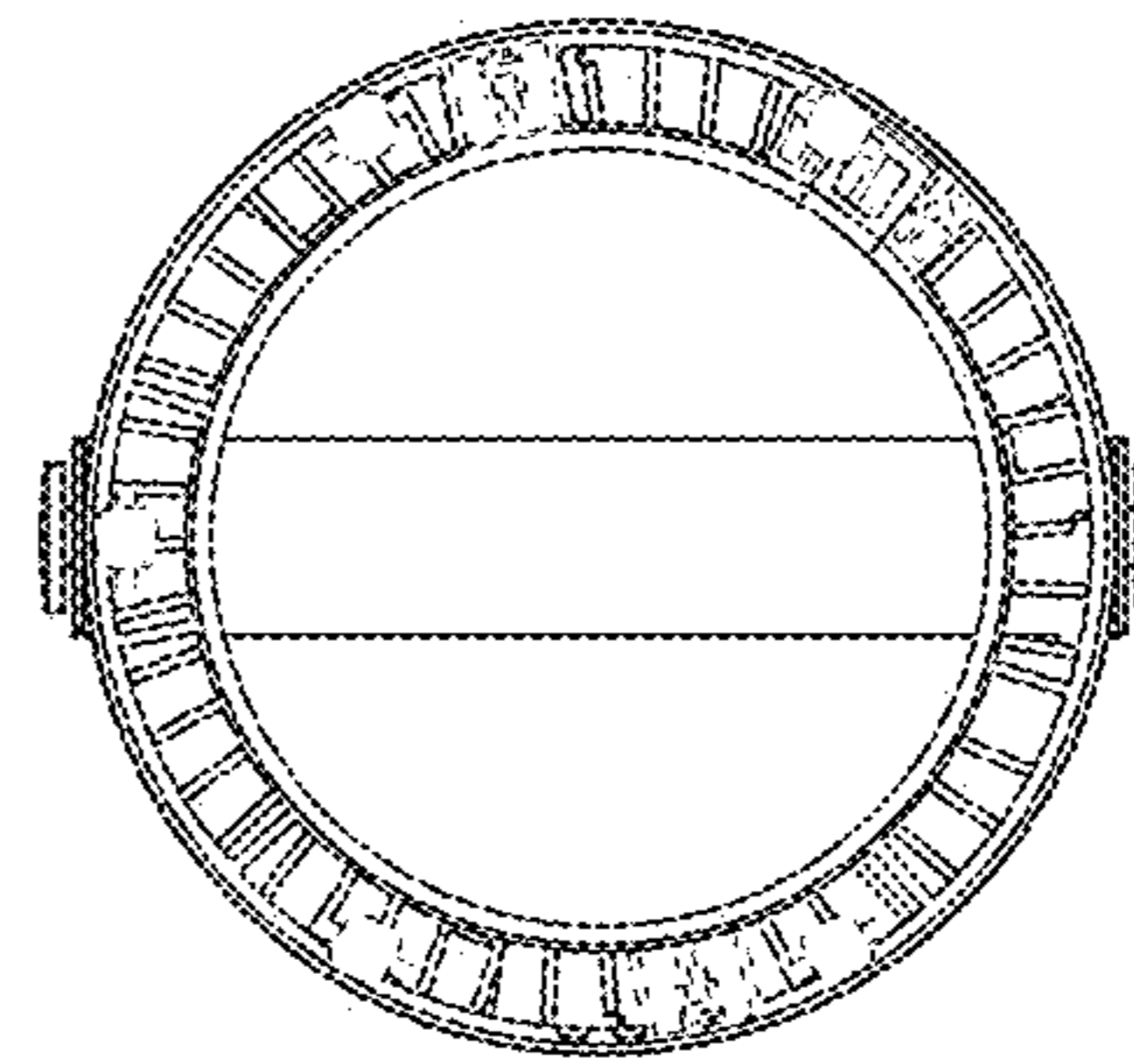


FIG. 31

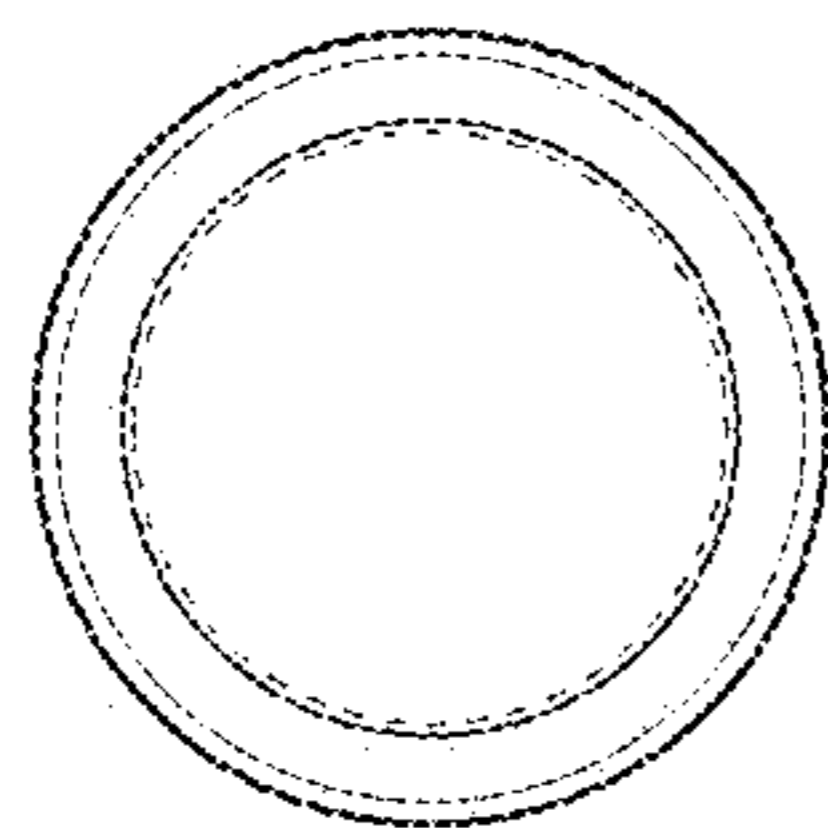


FIG. 32

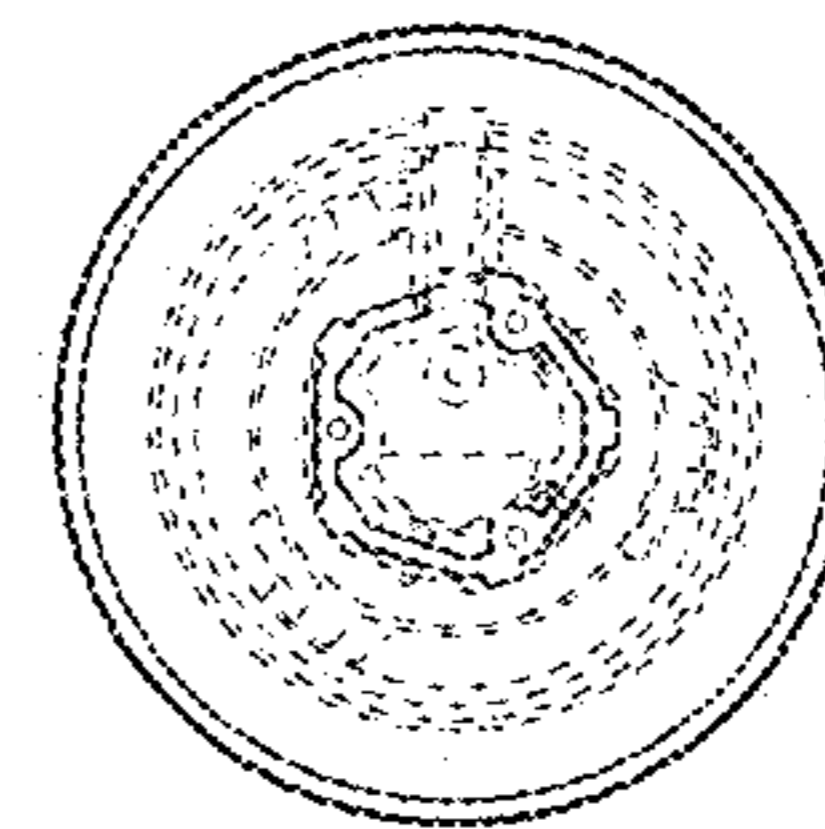


FIG. 33

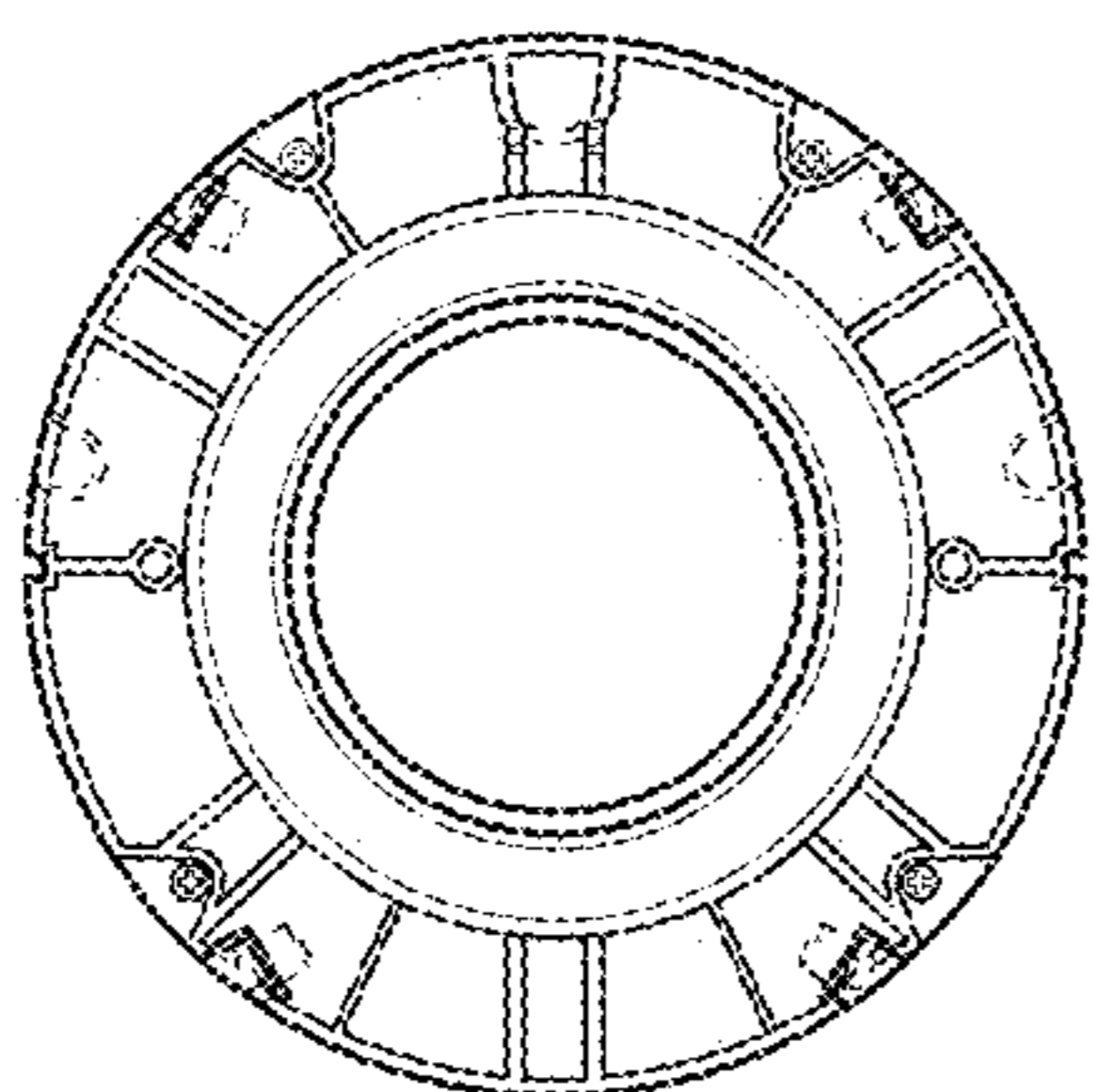


FIG. 34

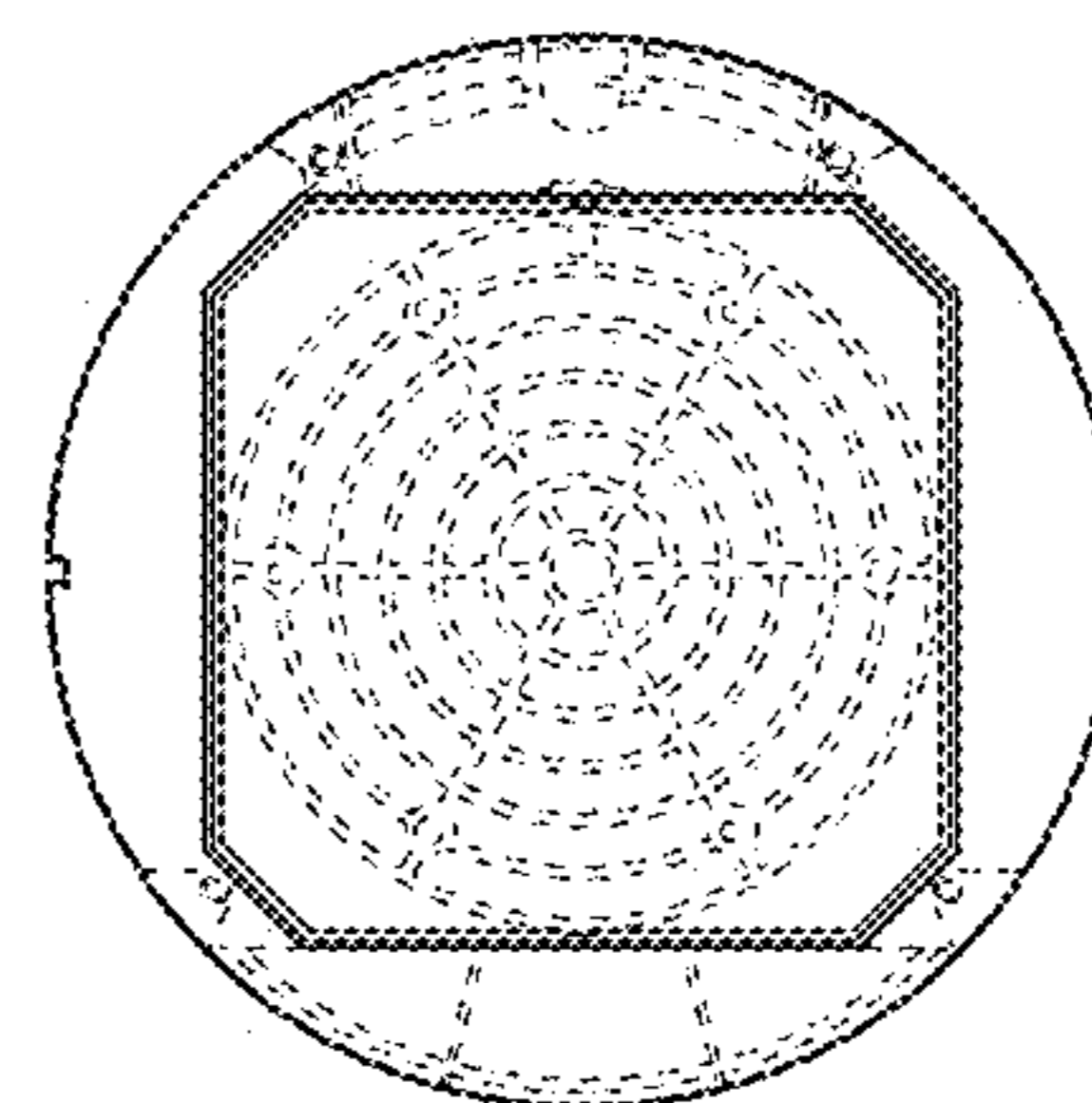


FIG. 35

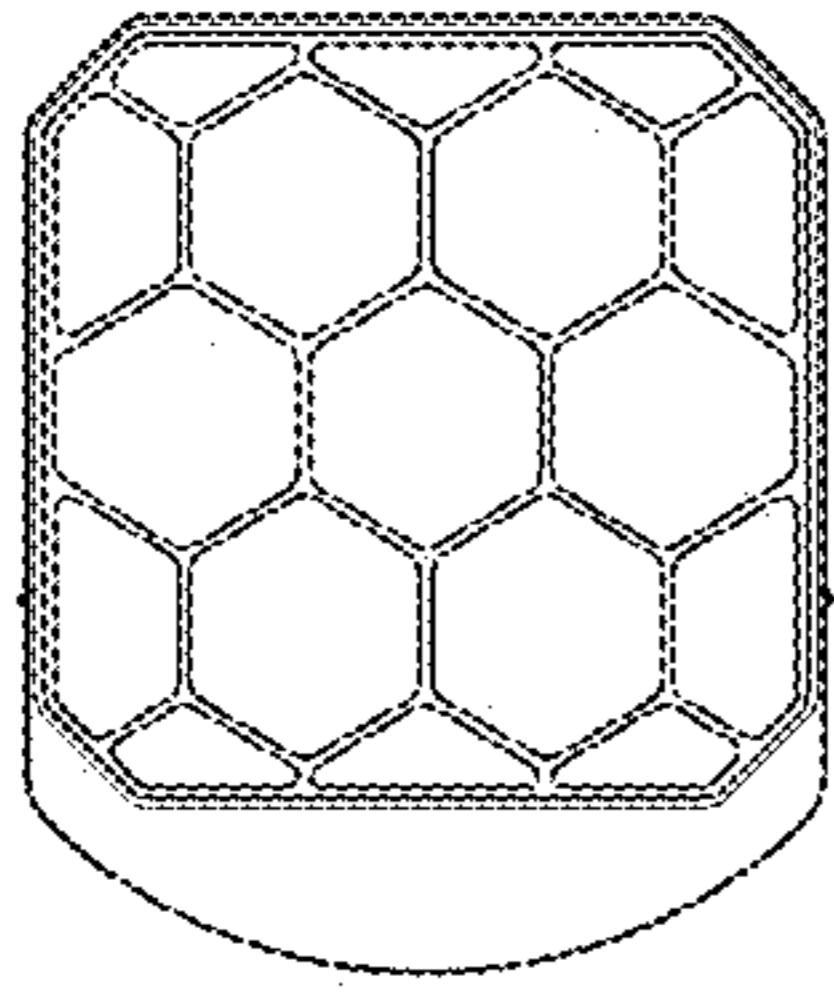


FIG. 36

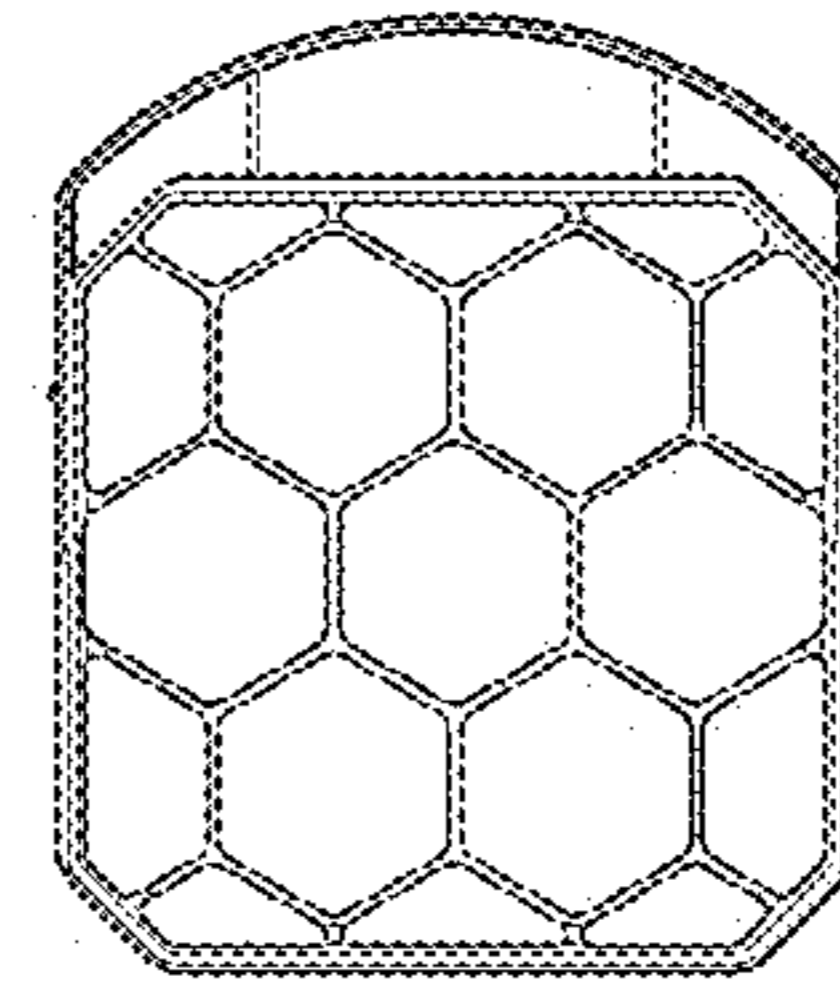


FIG. 37

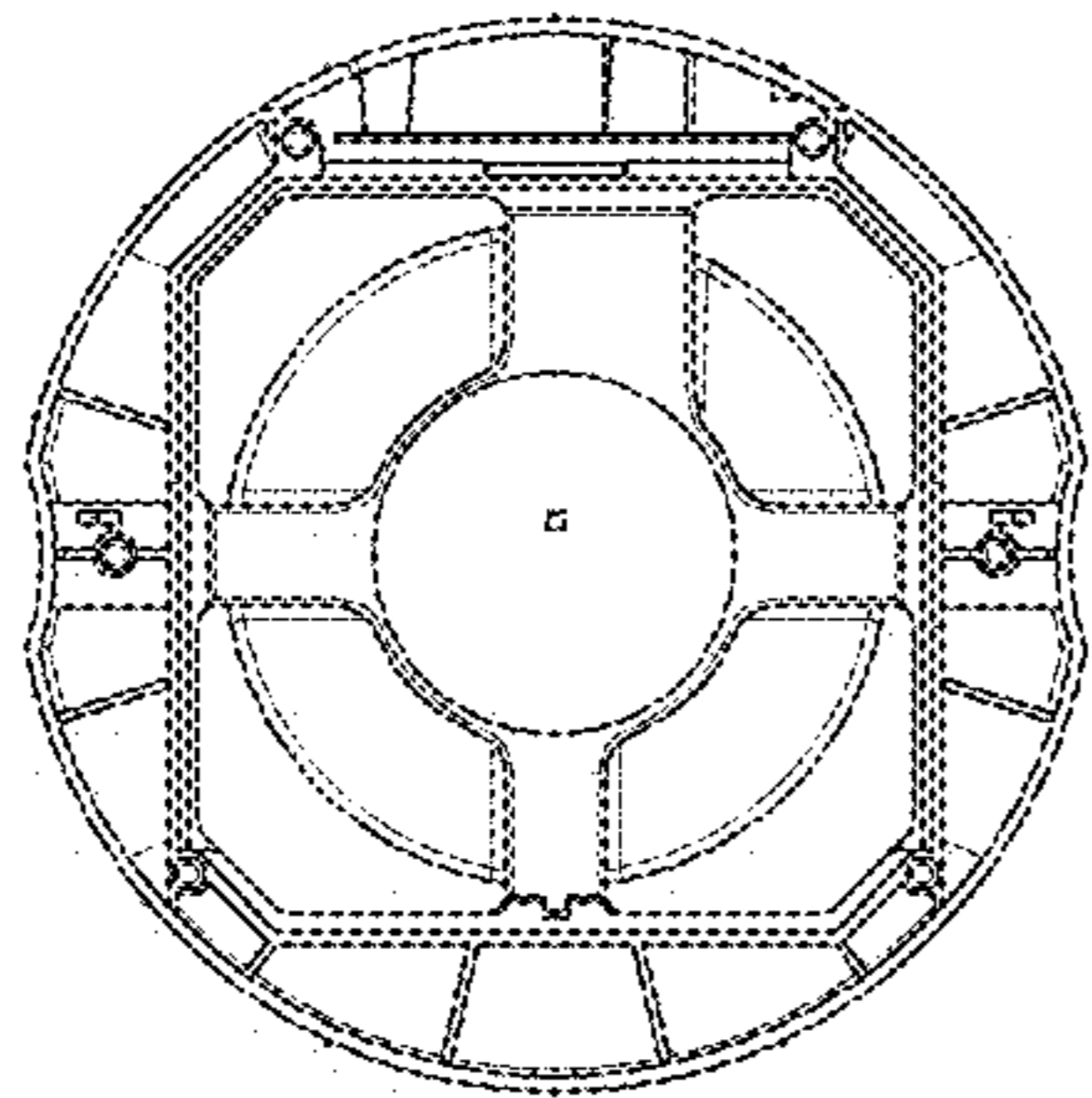


FIG. 38

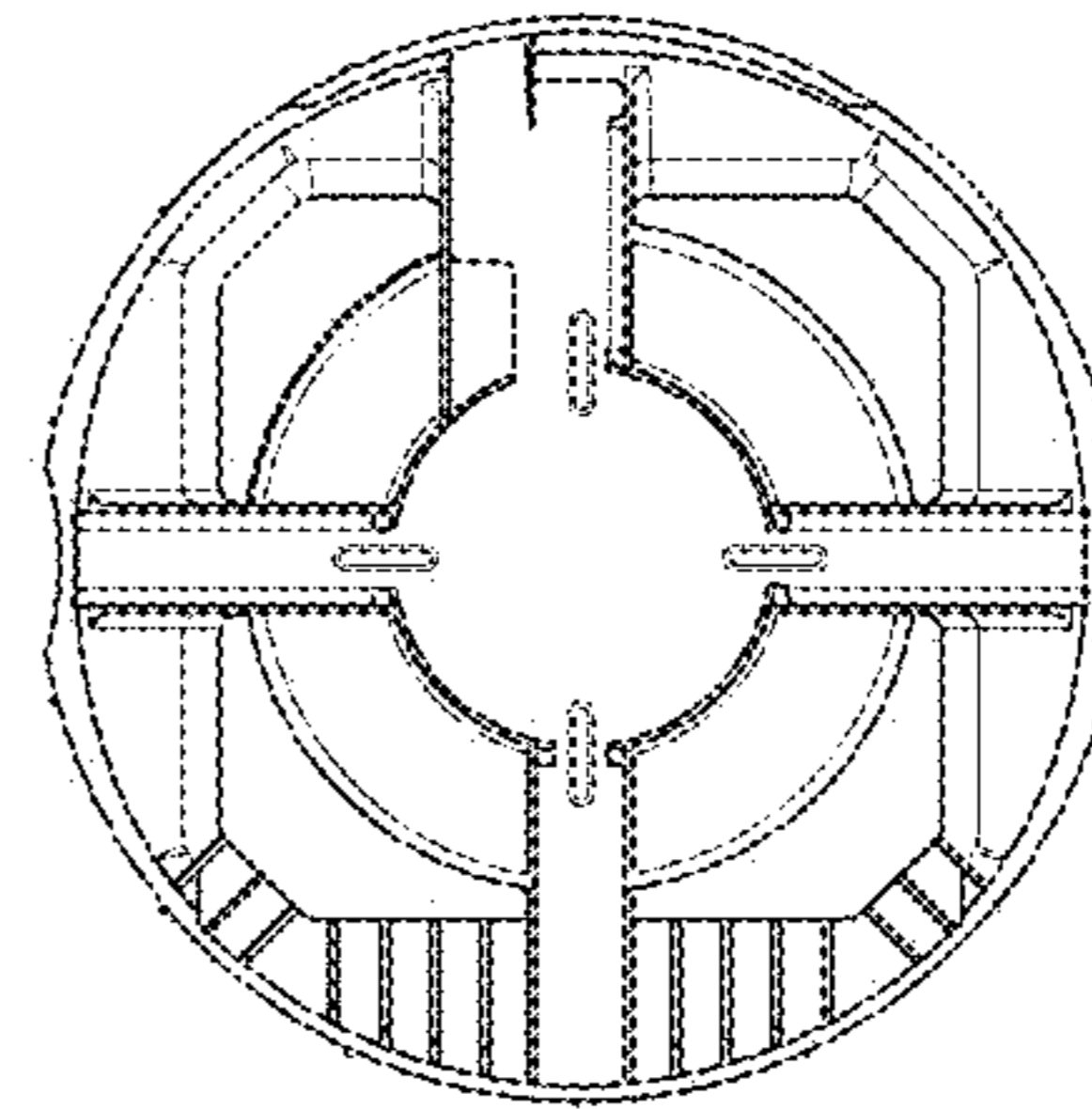


FIG. 39

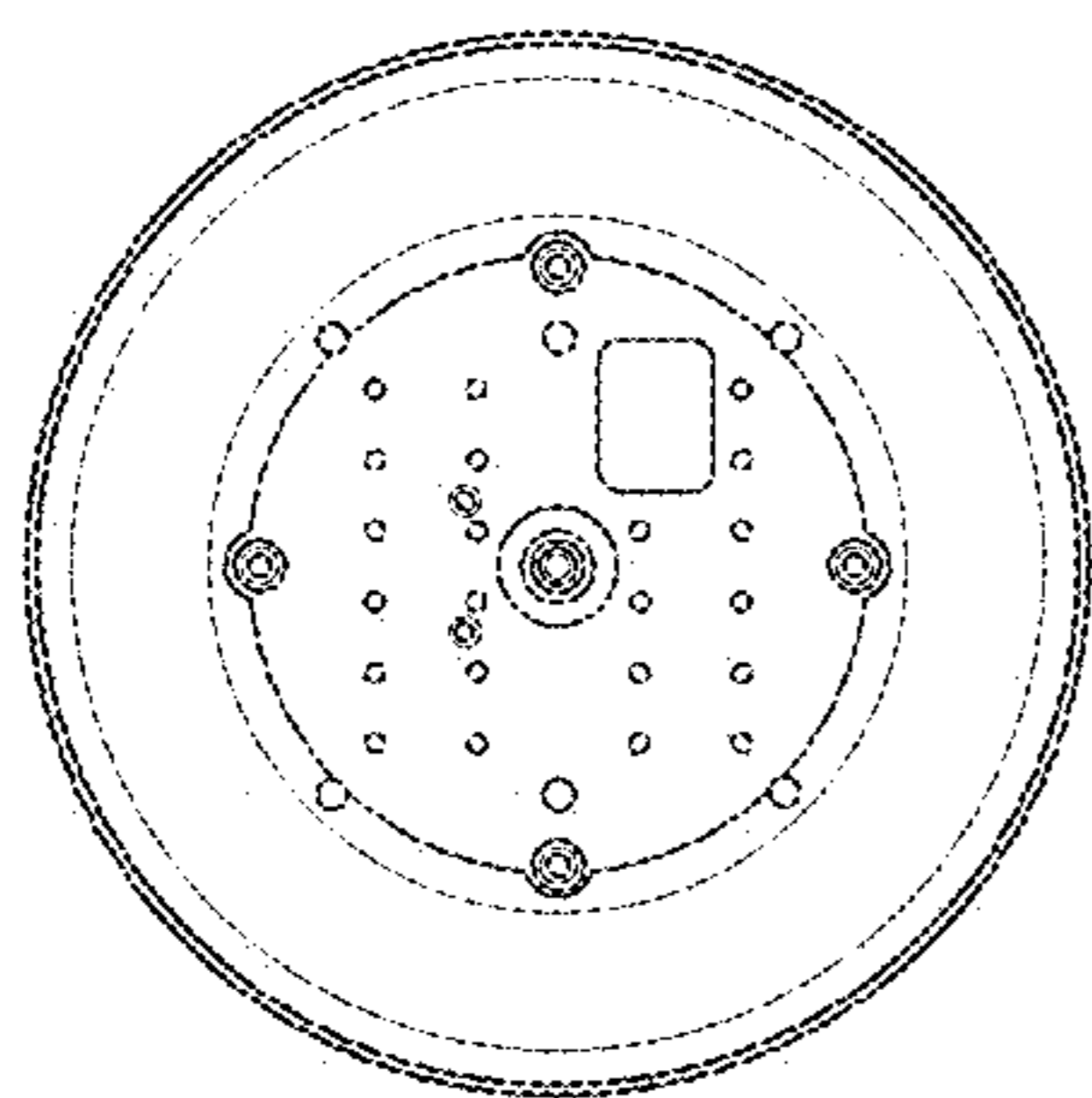


FIG. 40

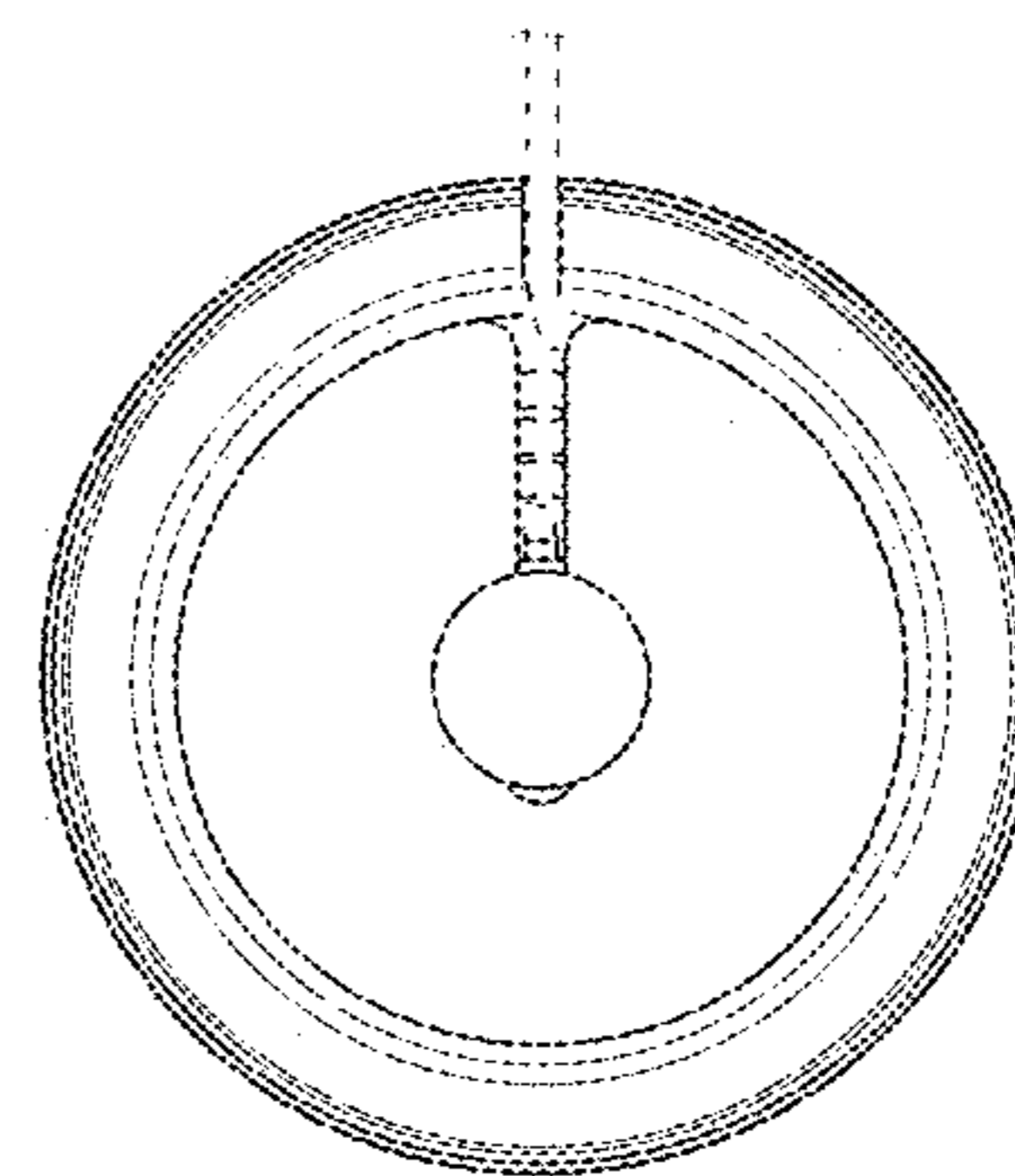


FIG. 41

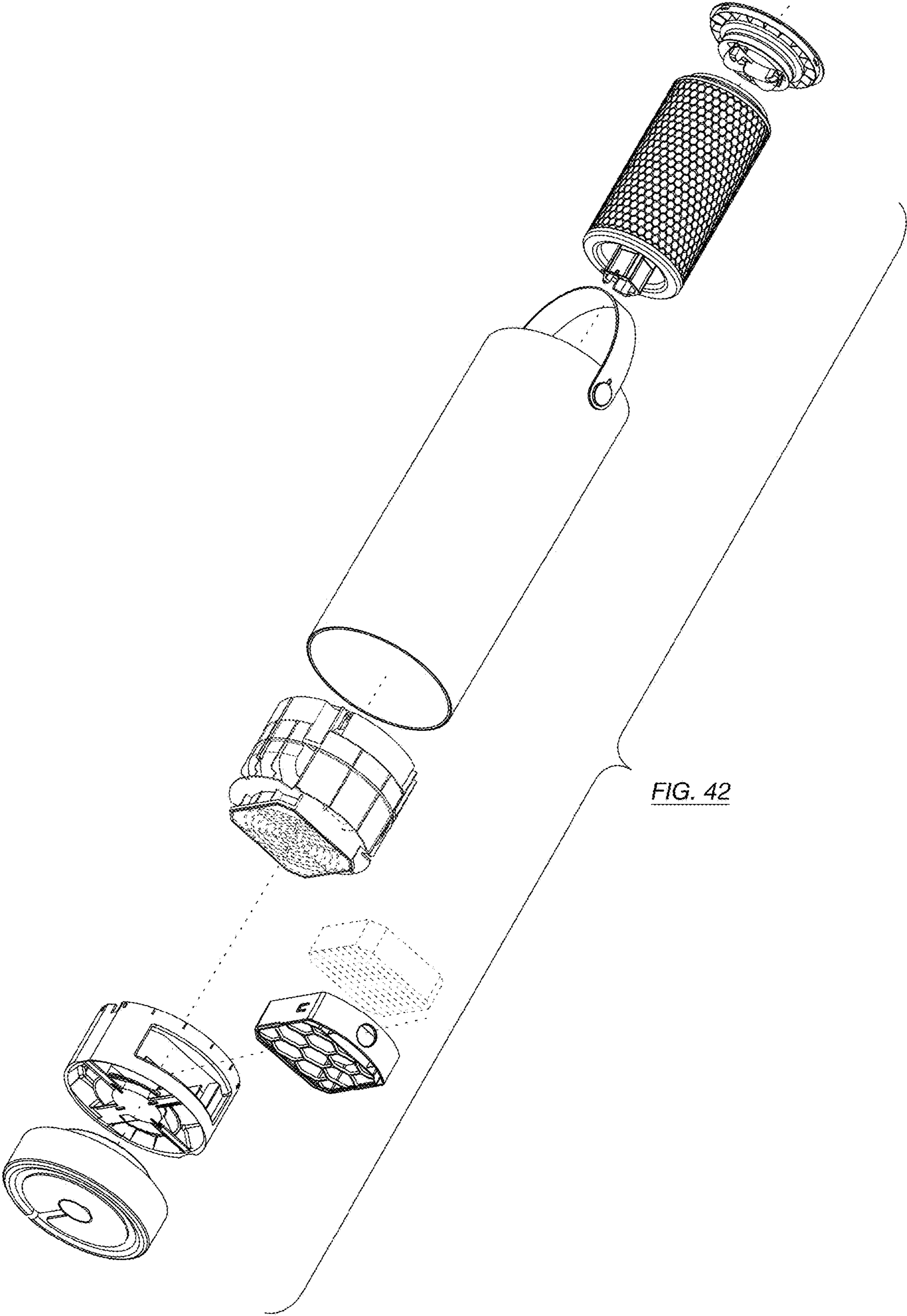


FIG. 42