

1/22

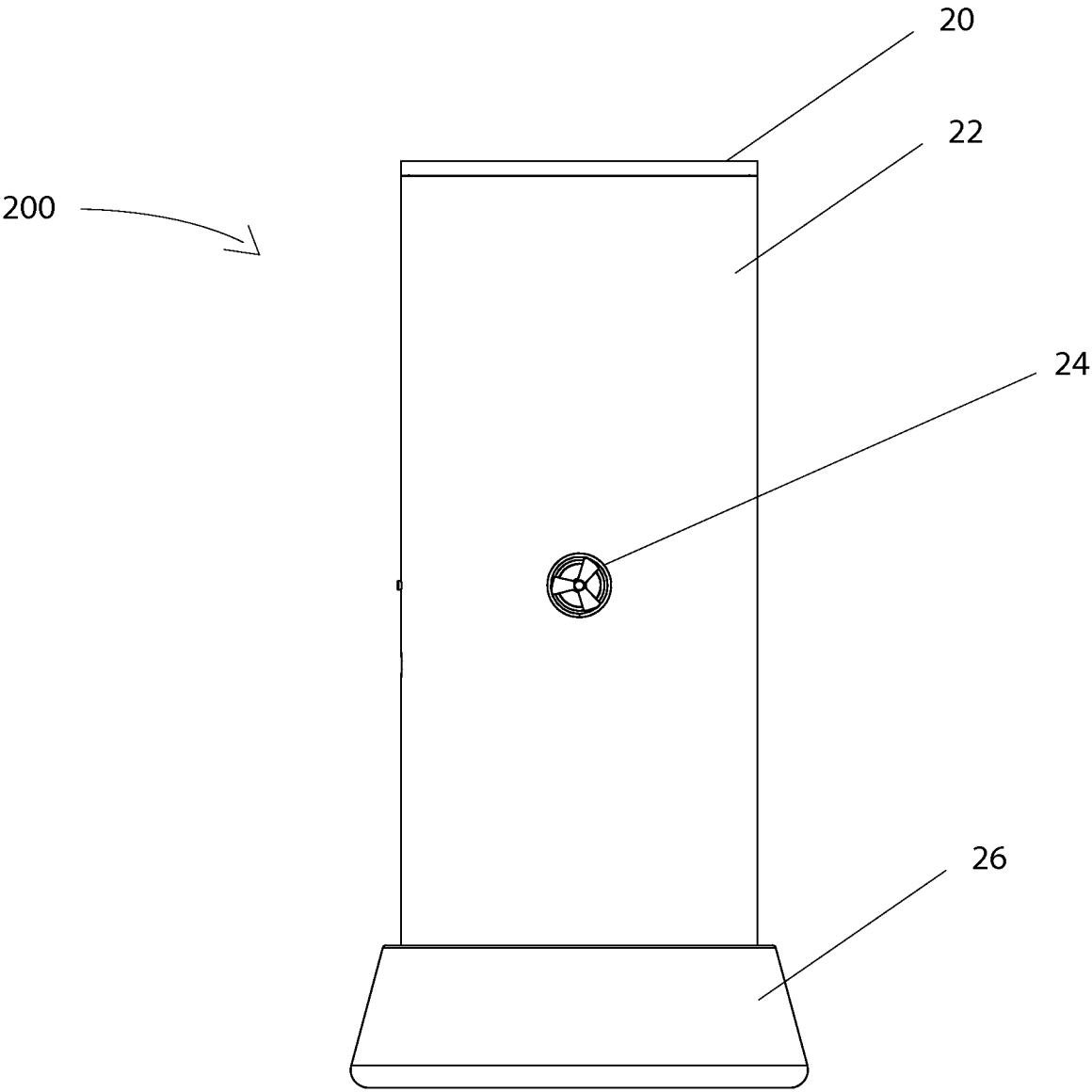


FIG 1

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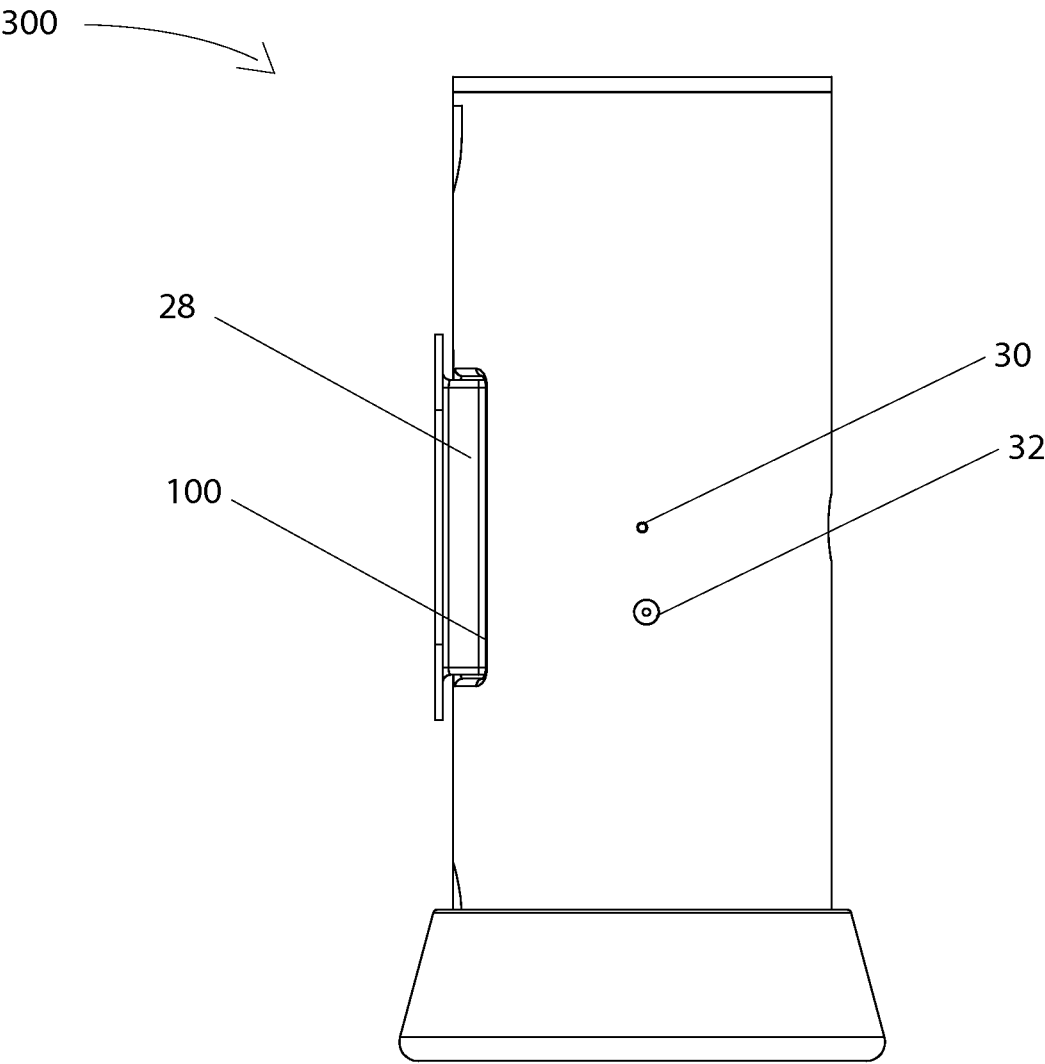


FIG 2

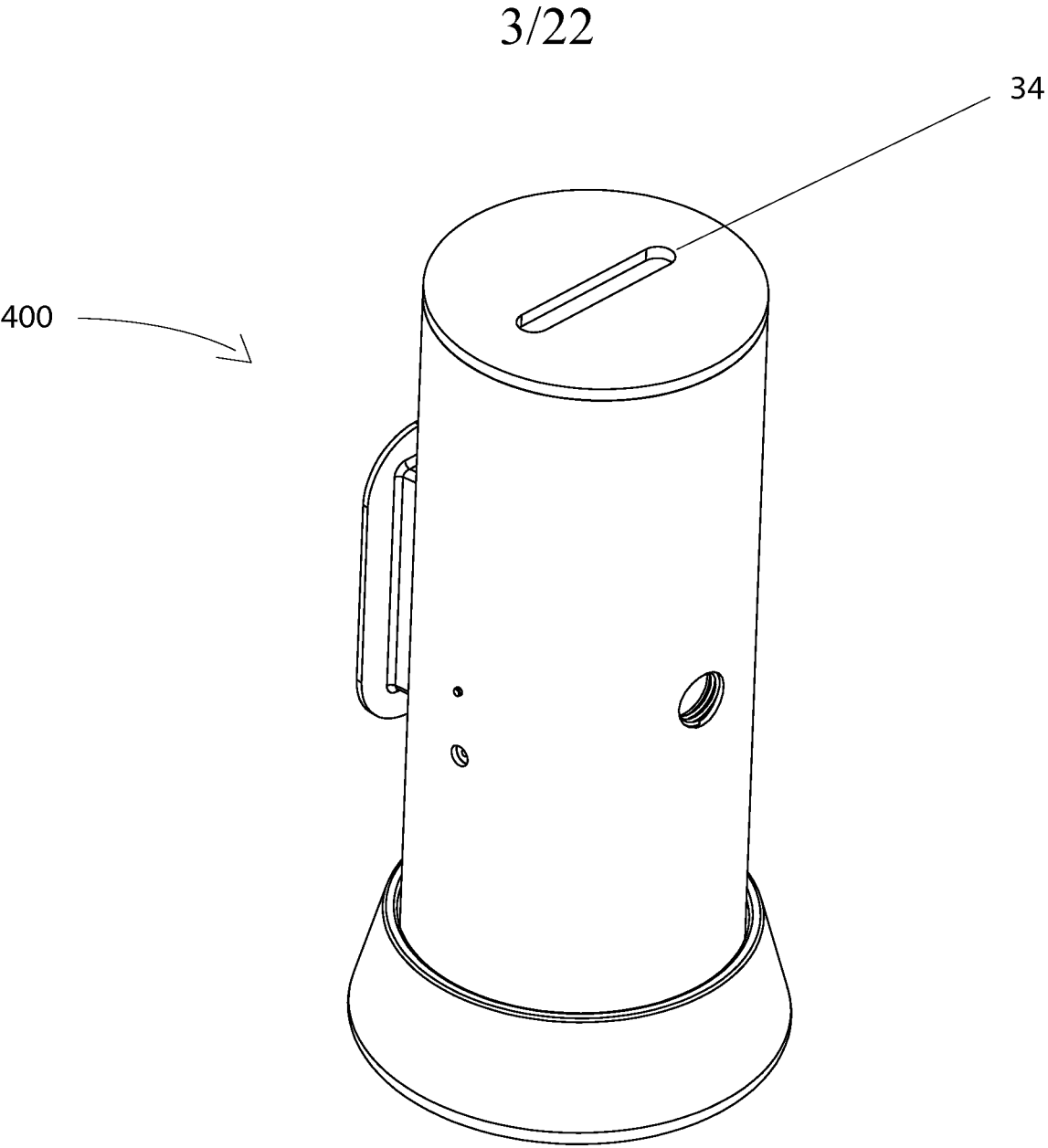


FIG 3

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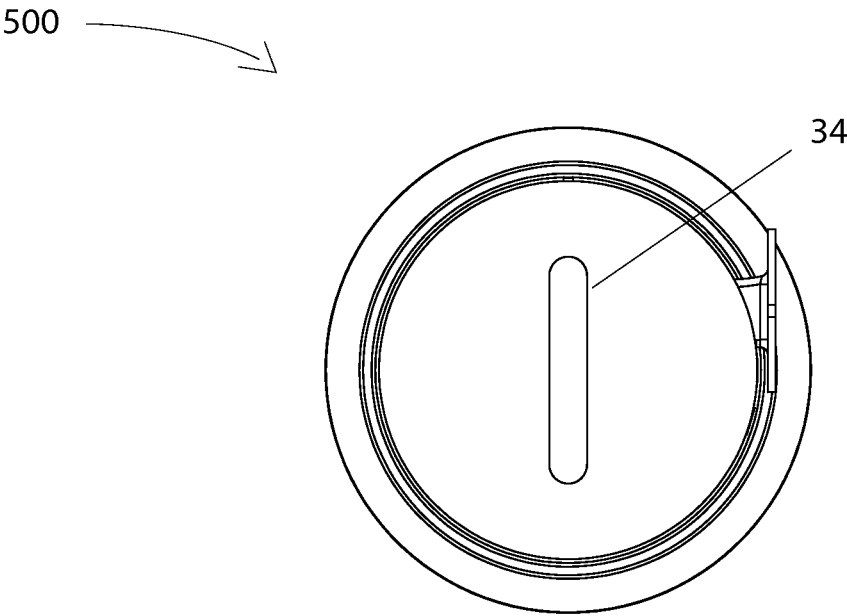
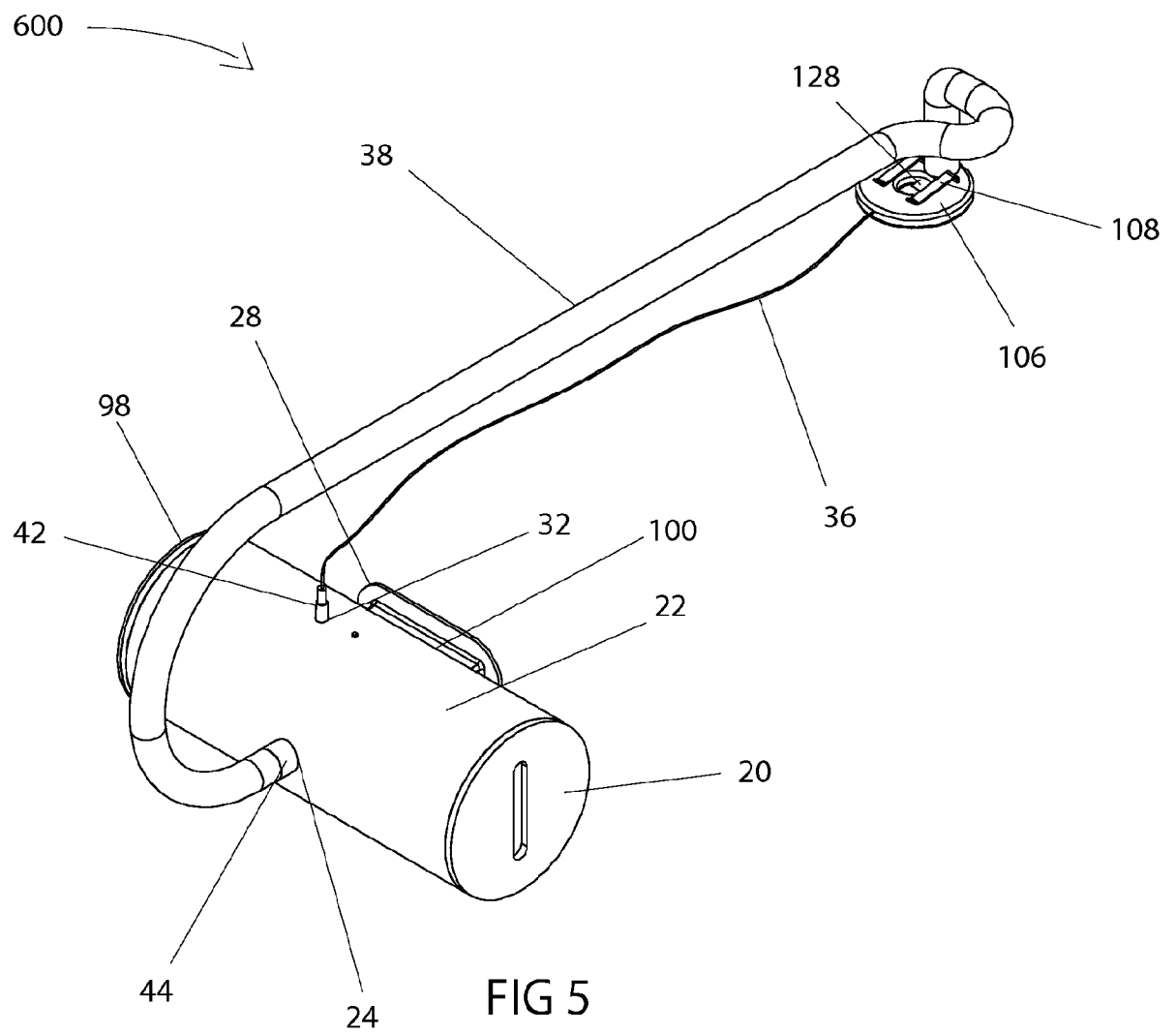


FIG 4

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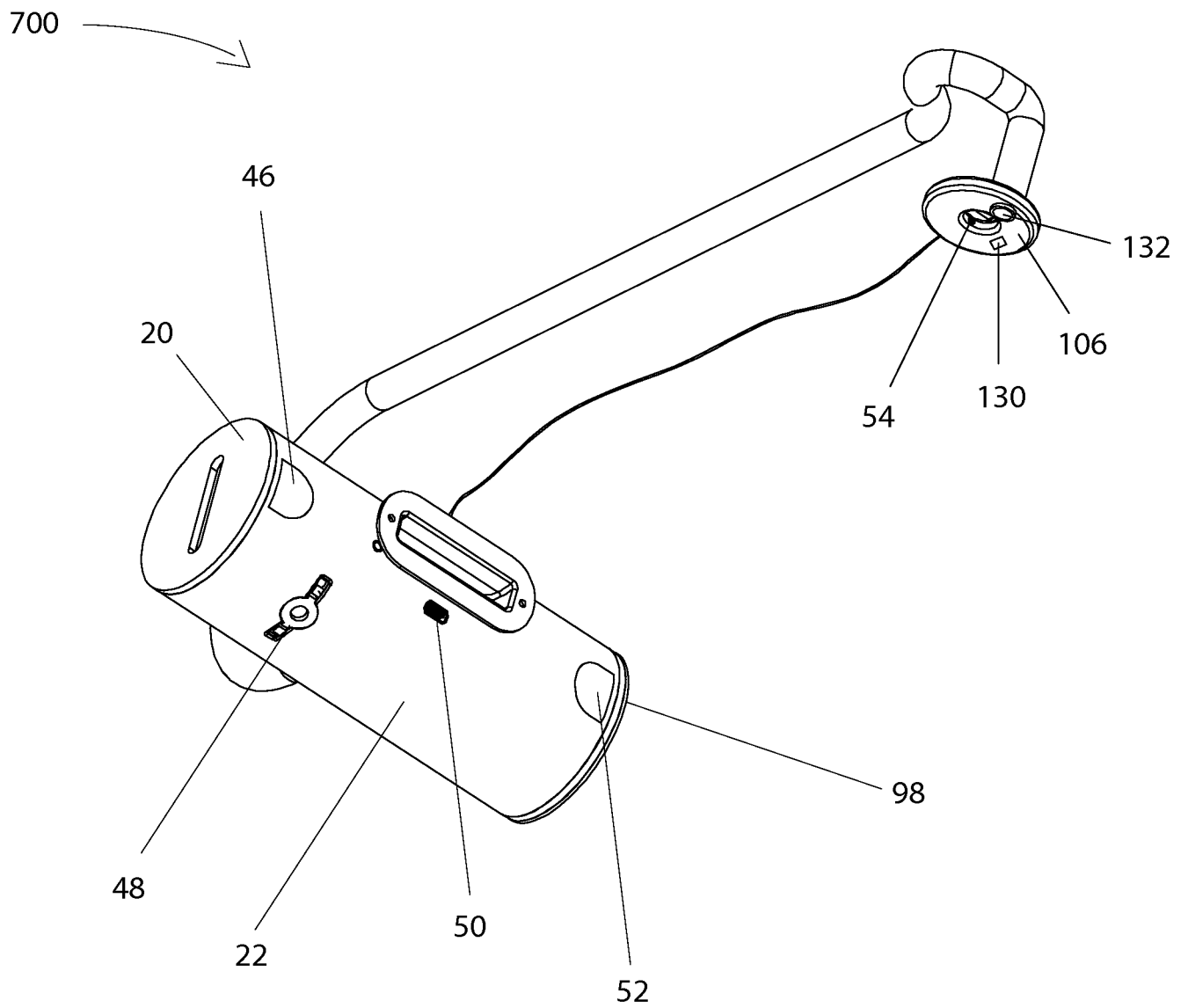


FIG 6

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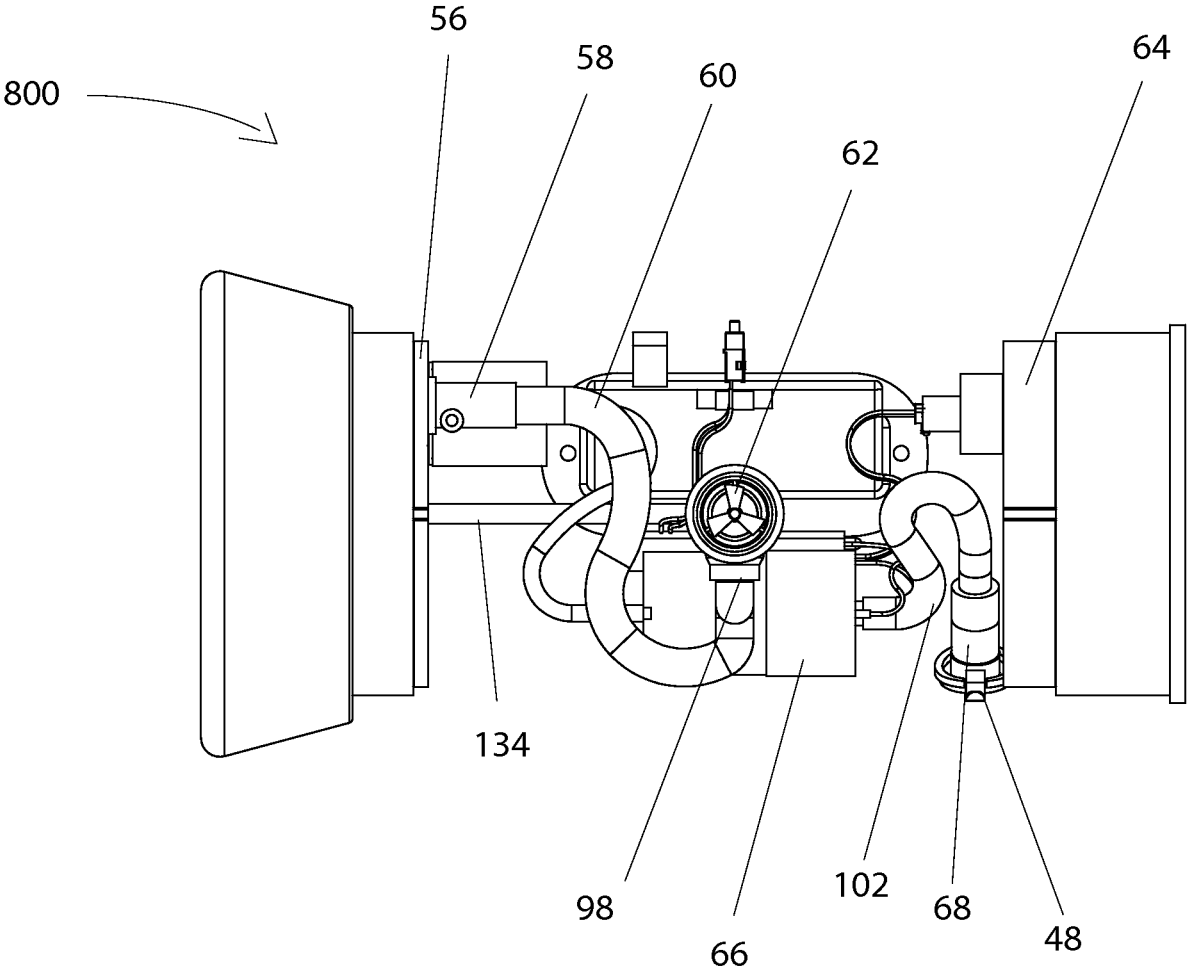


FIG 7

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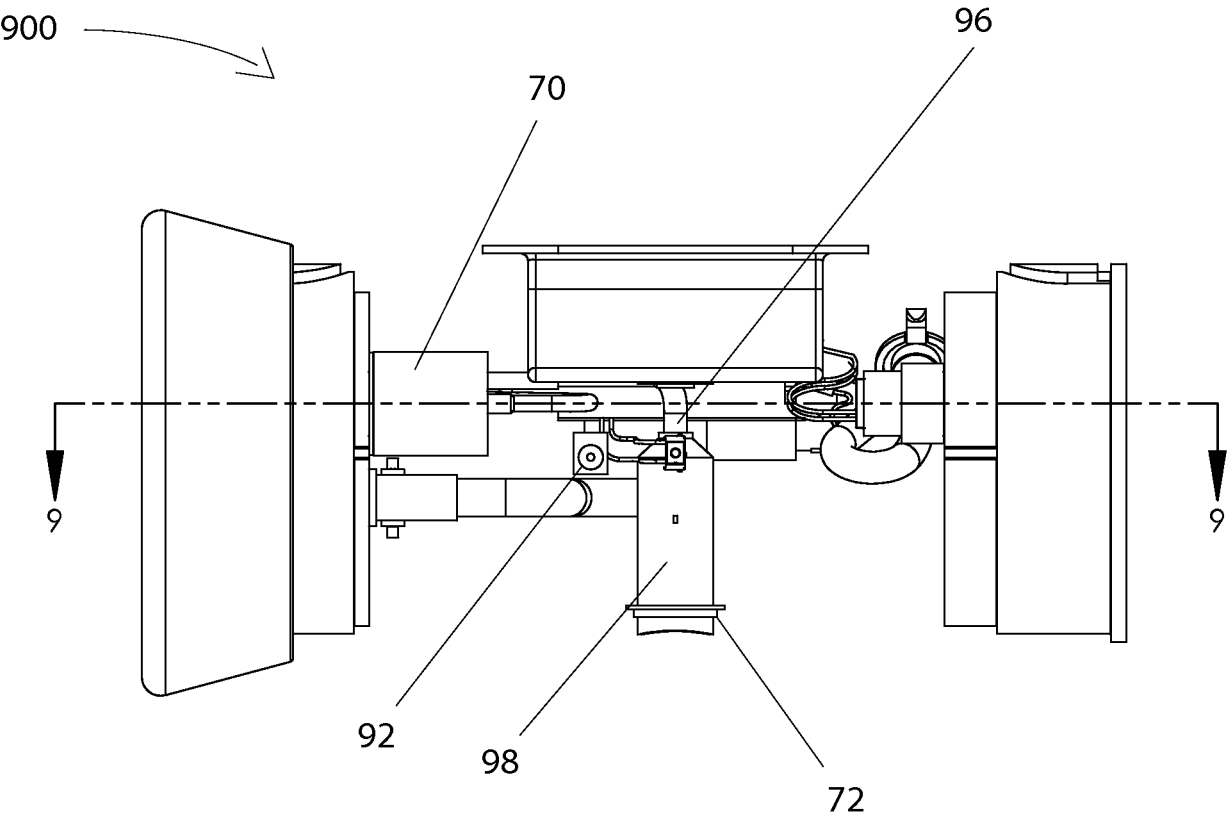


FIG 8

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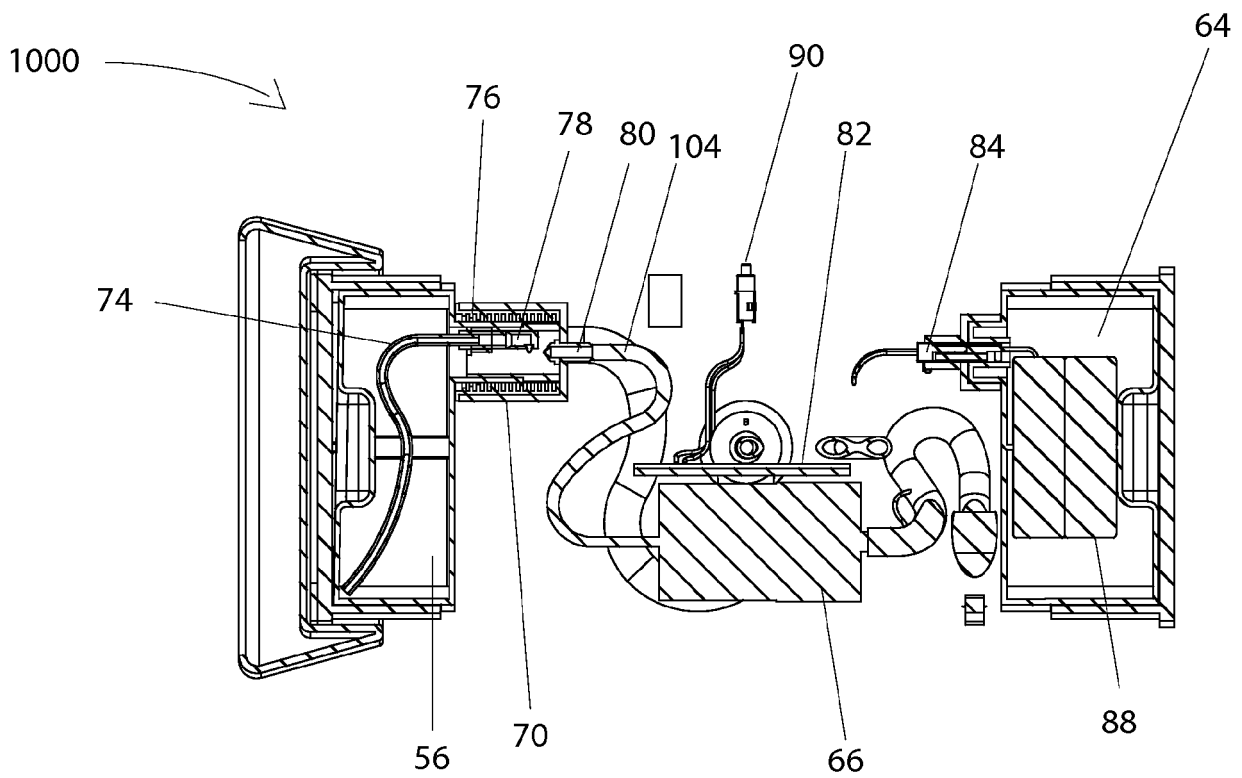


FIG 9

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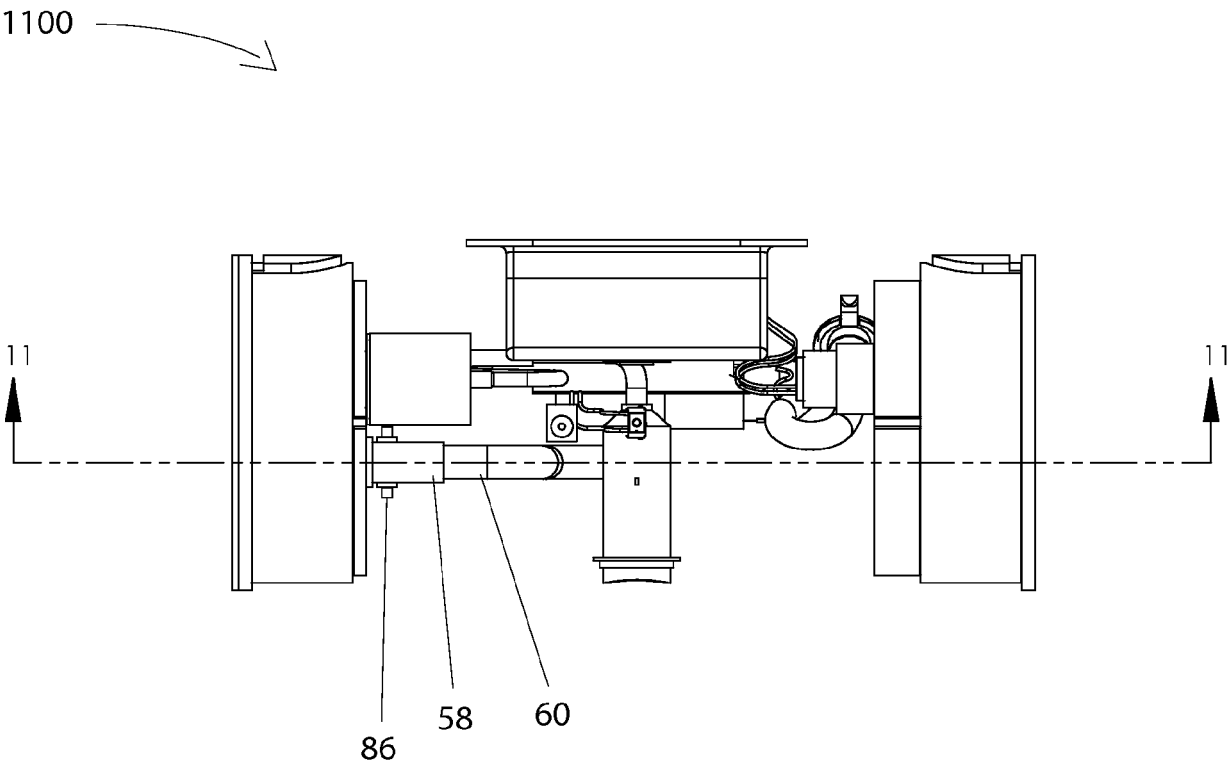


FIG 10

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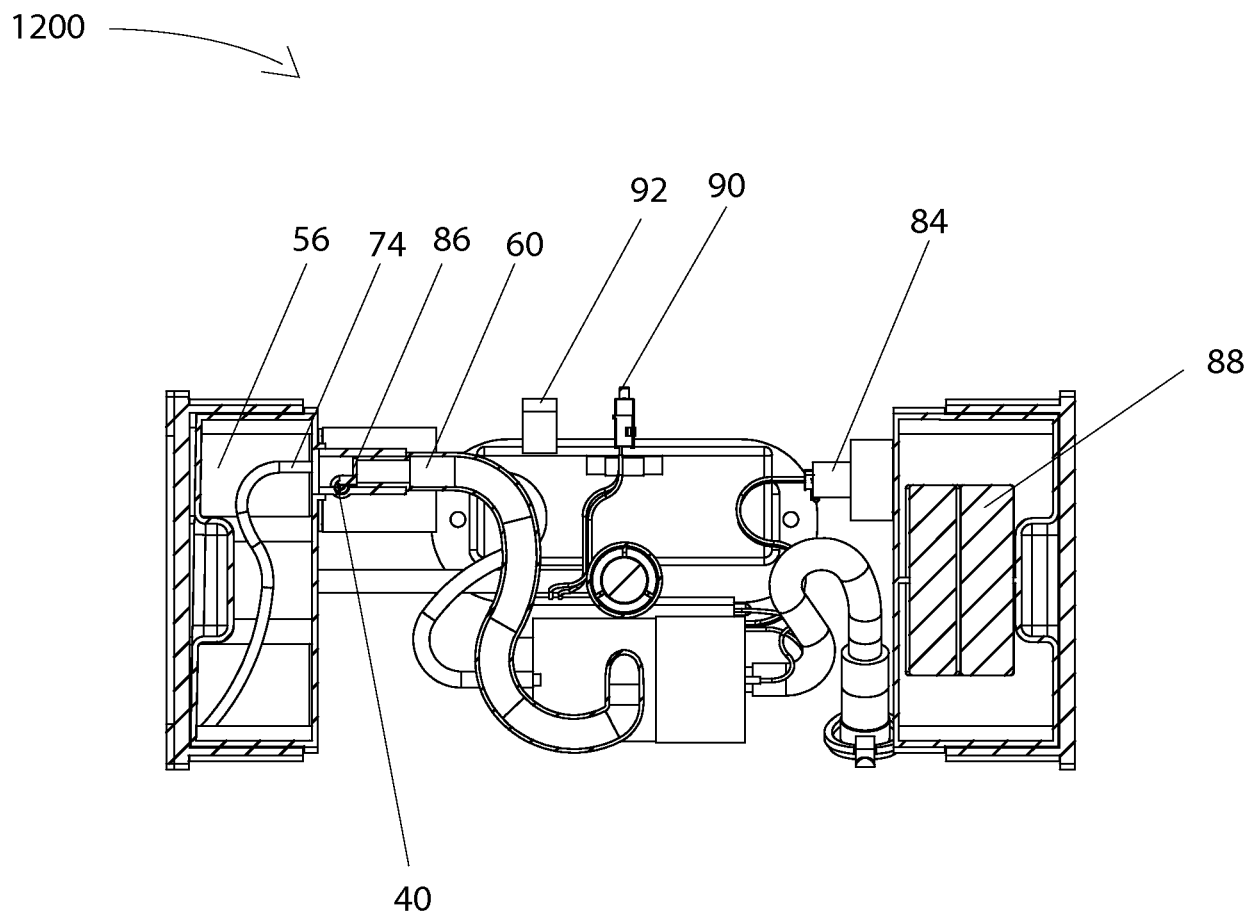


FIG 11

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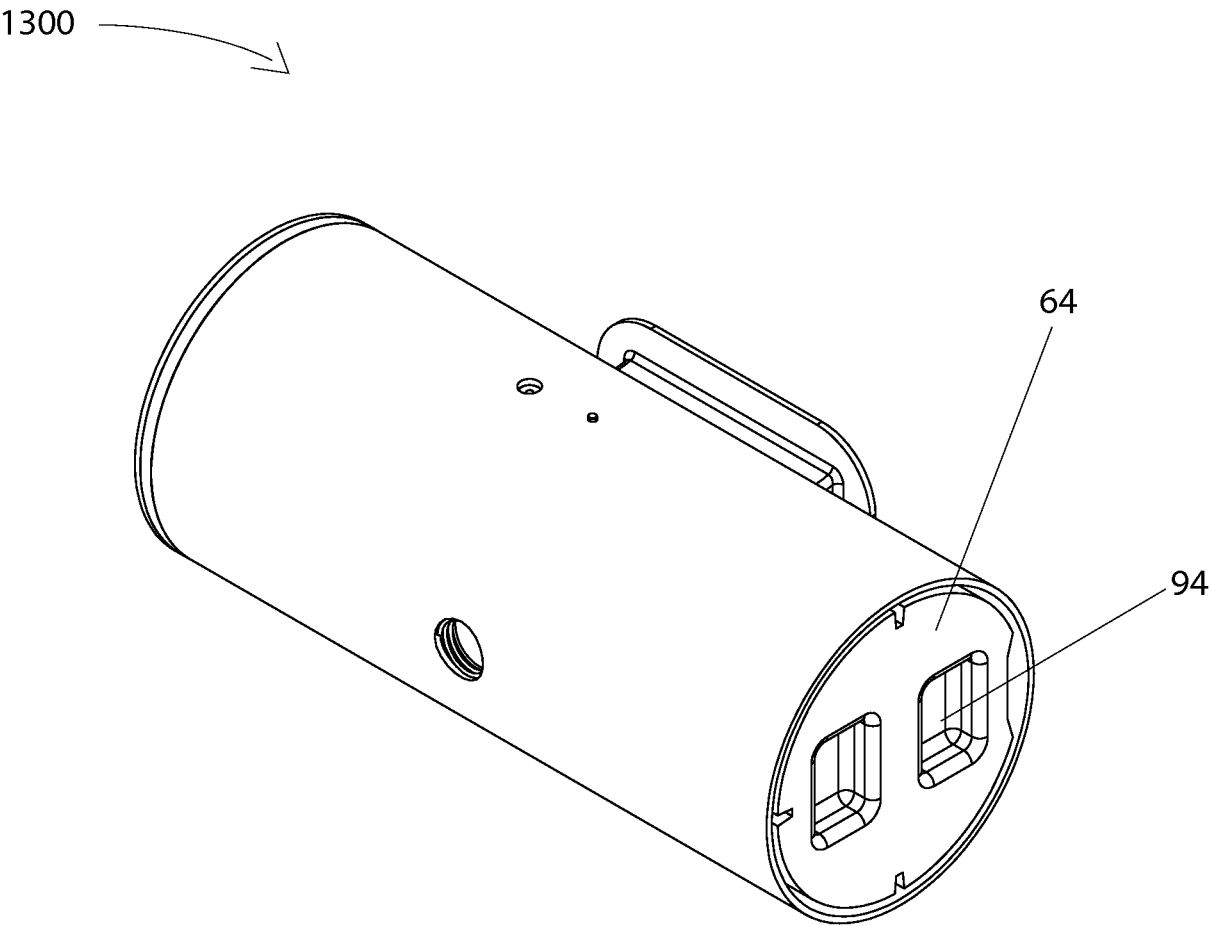


FIG 12

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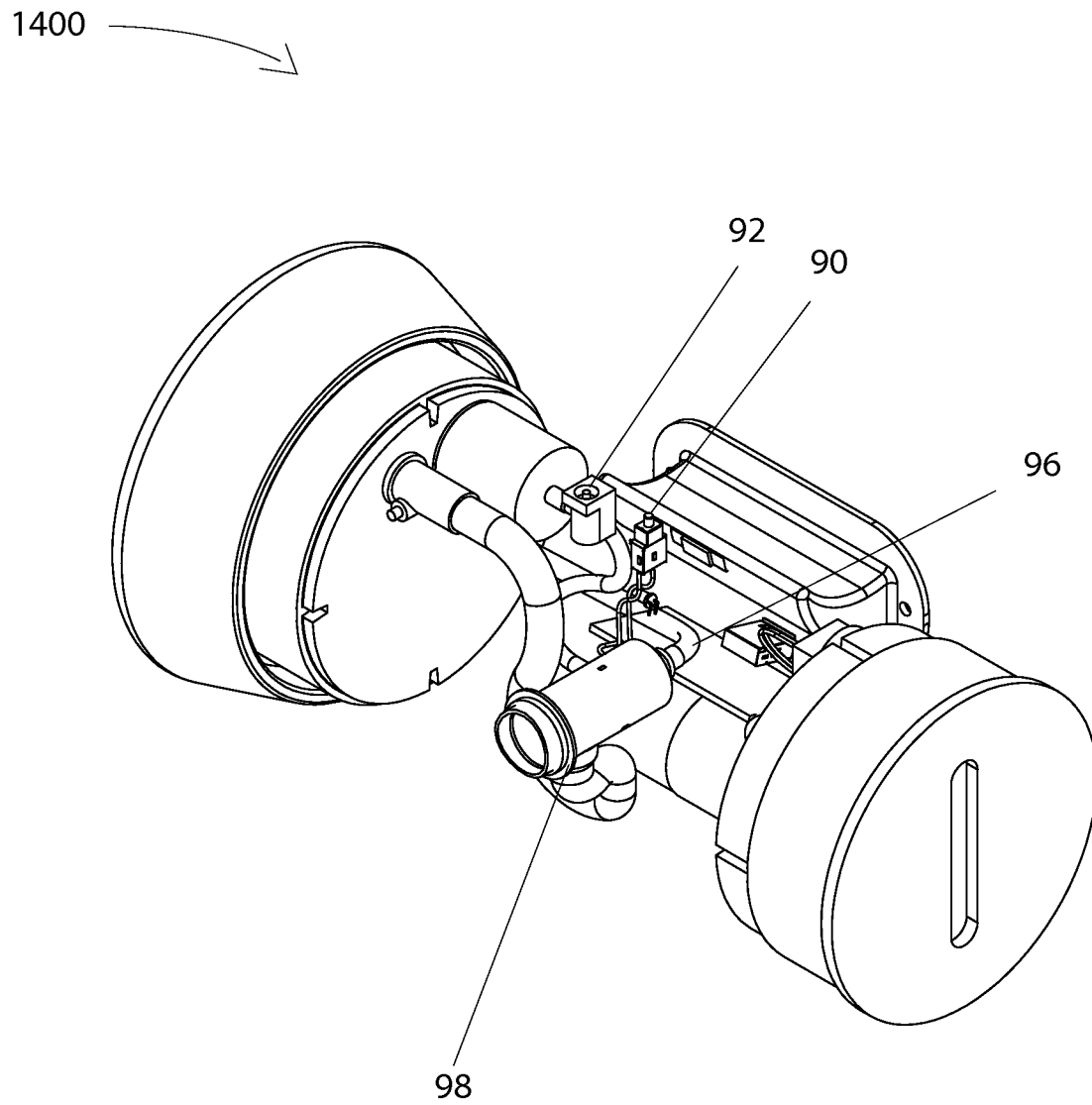


FIG 13

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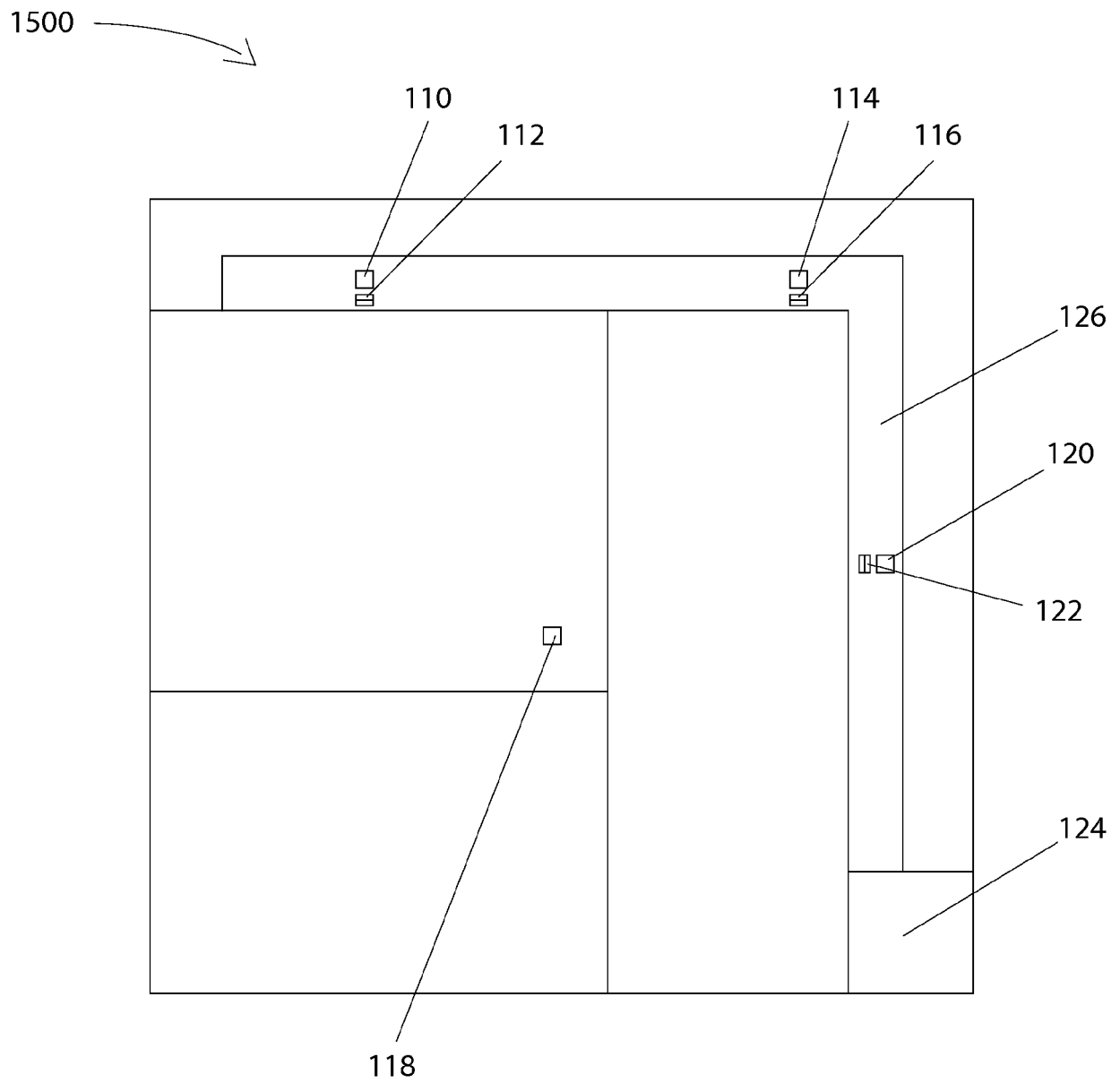


FIG 14

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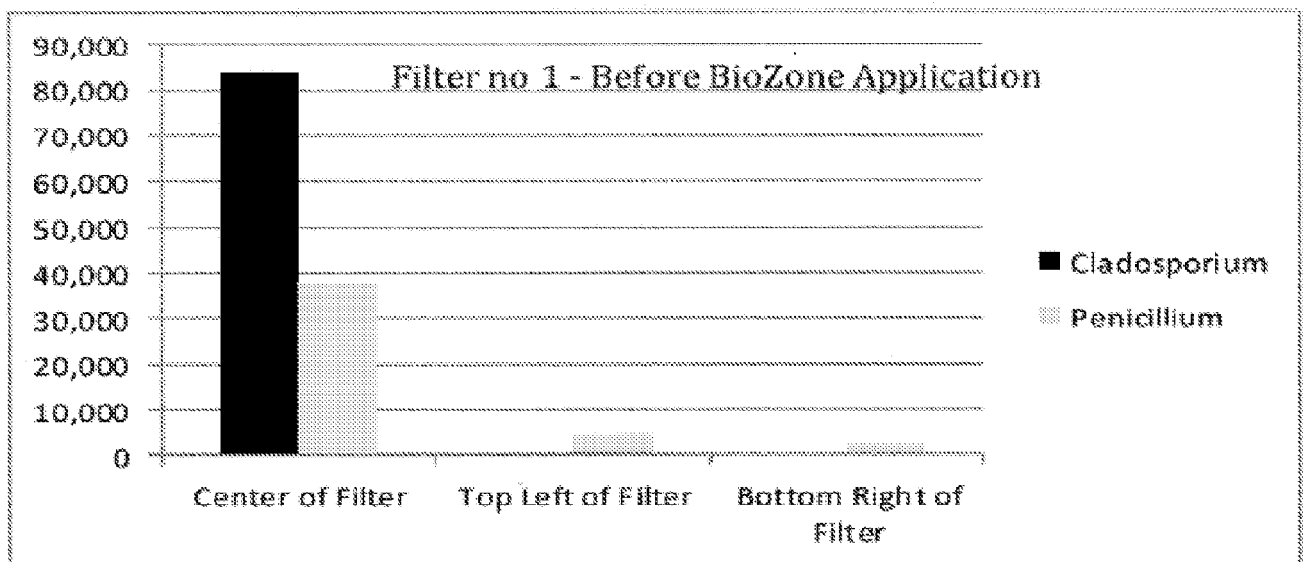


FIG 15

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Table 1 (Before)Concentration of Fungal counts in units of CF/cm²* in filter n° 1 of the AHU

#	Sample Location	Cladosporium	Penicillium
1	Center of Filter	84,000	38,000
2	Top Left of Filter	6	4,200
3	Bottom Right of Filter	2	2,400

FIG 16

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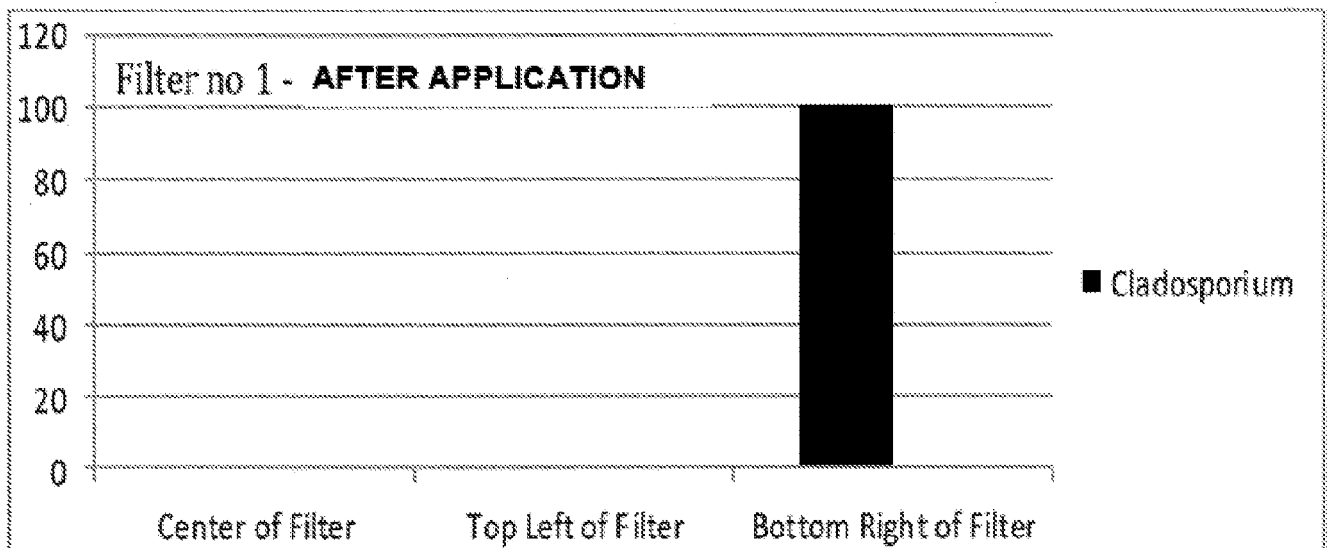


FIG 17

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Table 1 (After)

Concentration of Fungal counts in unites of count/cm² in filter n° 1 of the AHU

#	Sample Location	Cladosporium
1	Center of Filter	NFD**
2	Top Left of Filter	NFD**
3	Bottom Right of Filter	100

FIG 18

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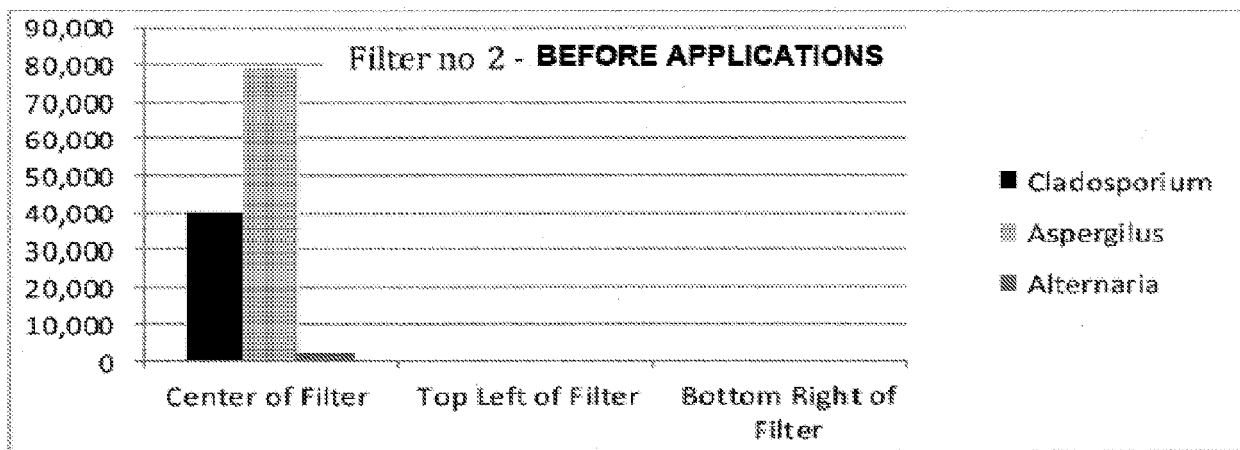


FIG 19

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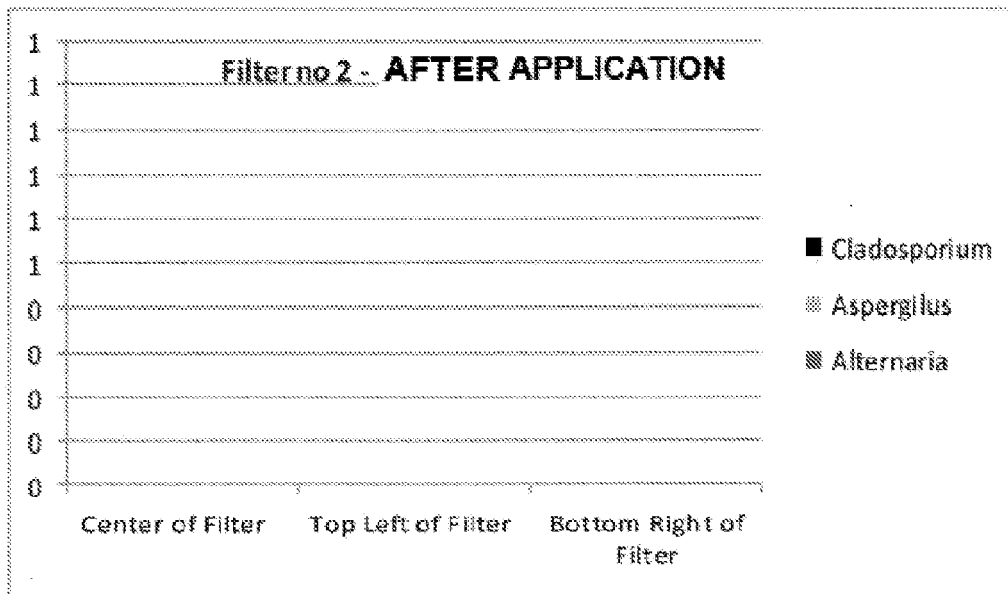
Table 2 (Before)

Concentration of Fungal counts in units of CT/cm² in filter n° 2 of the AHU

#	Sample Location	Alternaria	Aspergillus	Cladosporium
1	Center of Filter	2,000	78,000	40,000
2	Top Left of Filter	N/A	N/A	N/A
3	Bottom Right of Filter	N/A	N/A	N/A

FIG 20

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Observation: During the experiment, fluctuation in level of certain Fungi occurred in filter n° 1 of the AHU i.e:

- After 24h of application, 300 – 1600 Penicillium
- After 48h of application, NFD
- After 72h of application, NFD

* CT/cm² – Counts per Square Meter

** NFD – No Fungi Detected

FIG 21

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Table 2 (After)

Concentration of Fungal counts in unites of count/cm²* in filter n° 2 of the AHU

#	Sample Location	Results
1	Center of Filter	NFD**
2	Top Left of Filter	NFD**
3	Bottom Right of Filter	NFD**

FIG 22