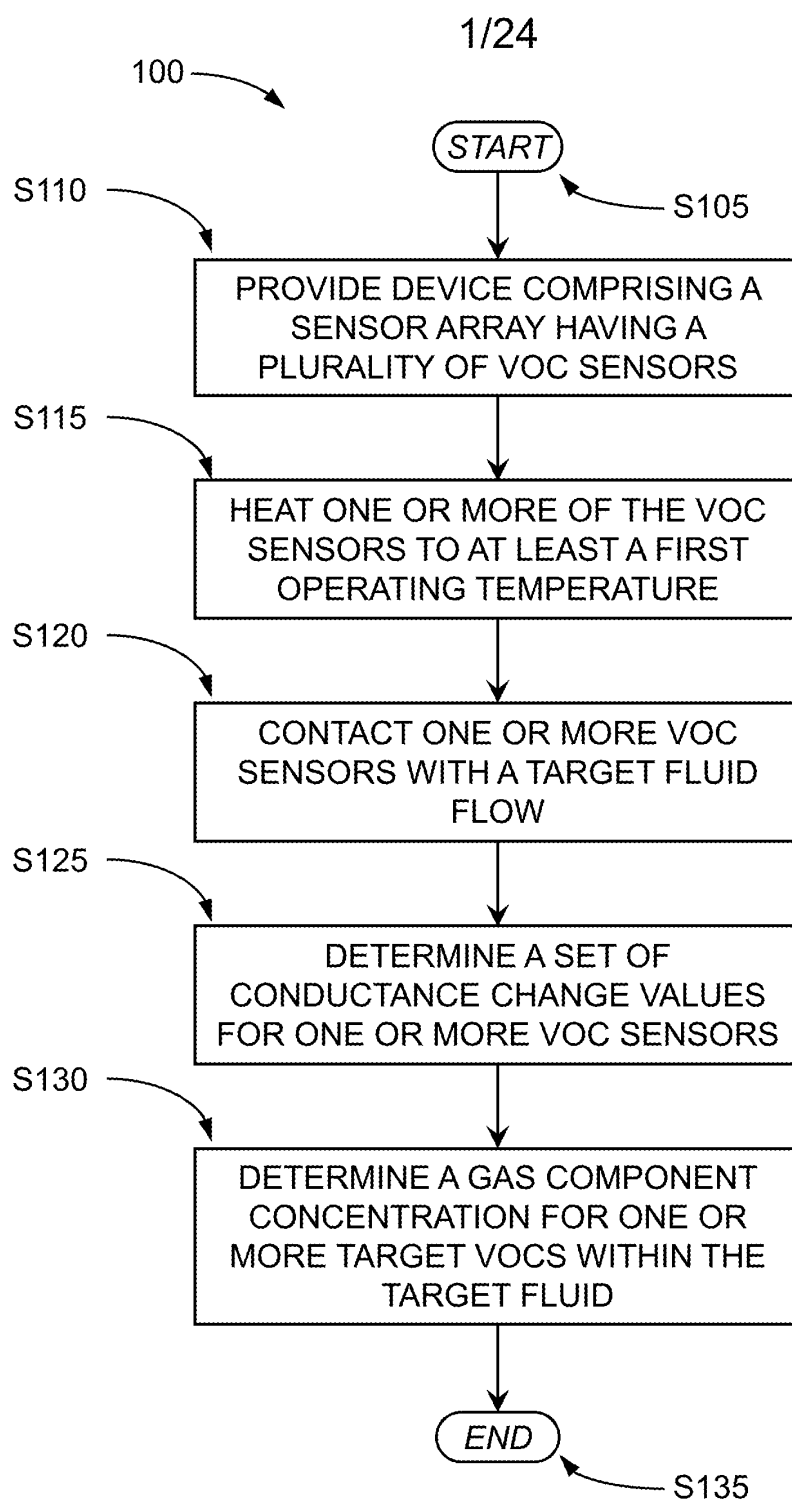


**FIG. 1**

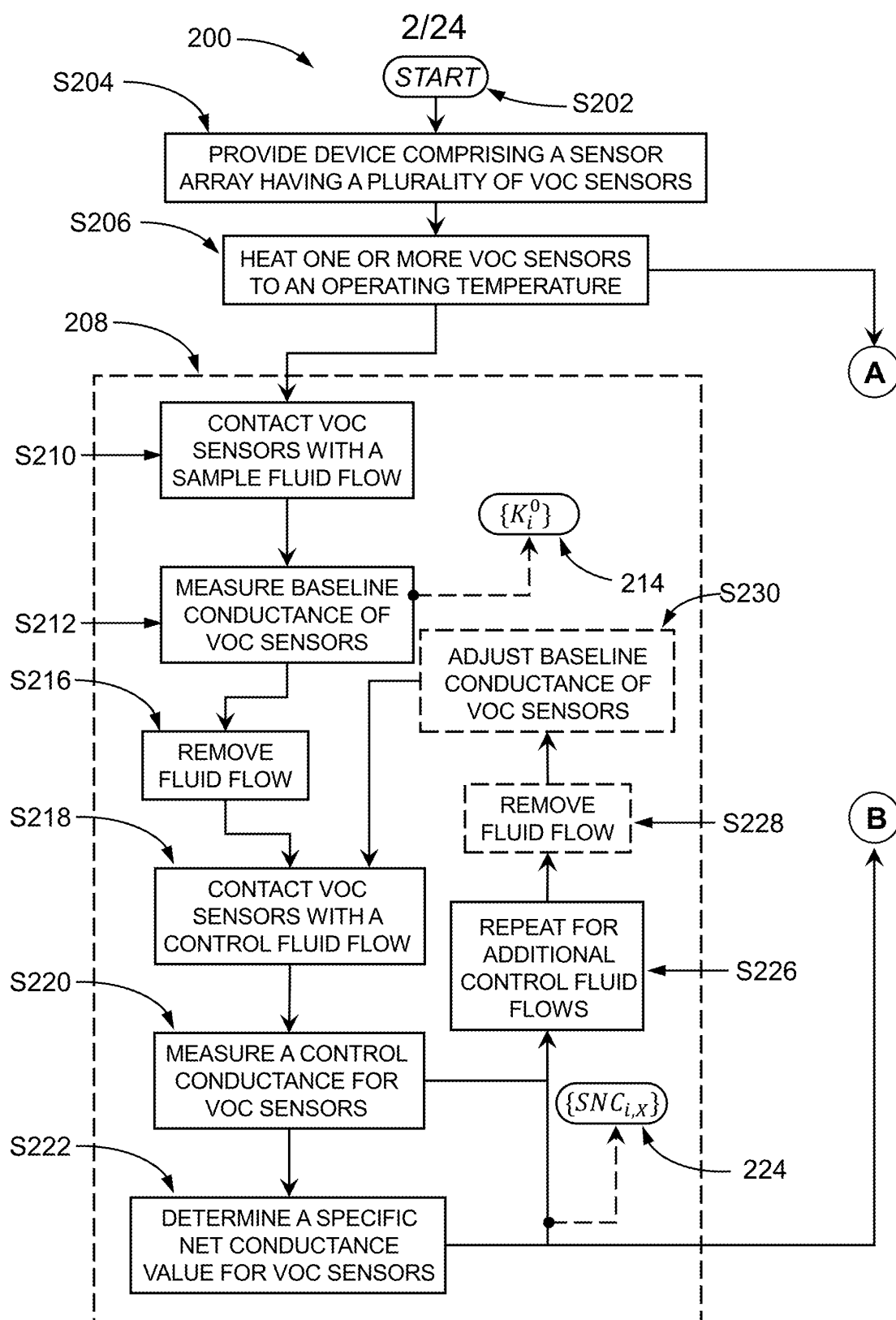
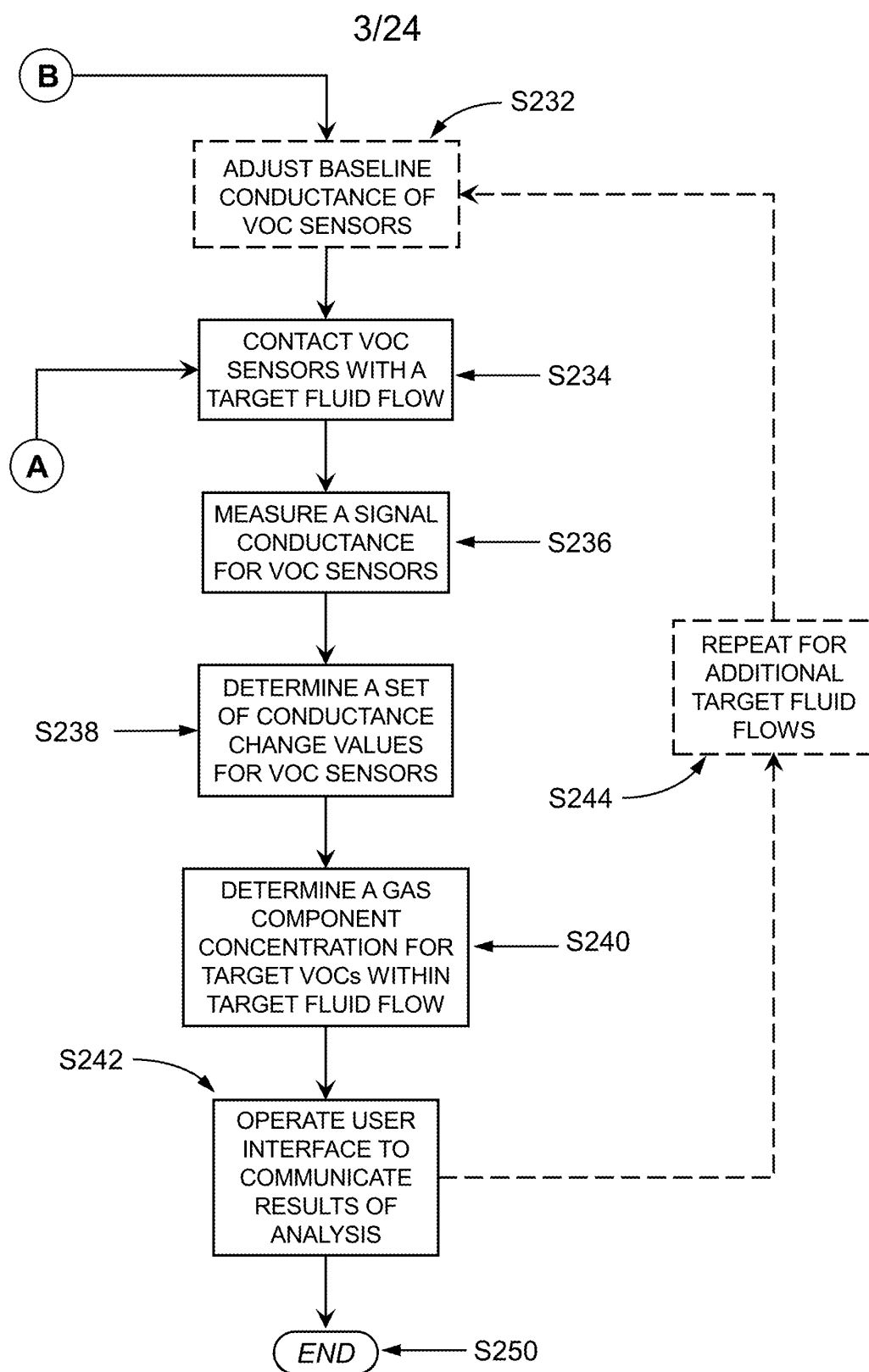


FIG. 2A

**FIG. 2B**

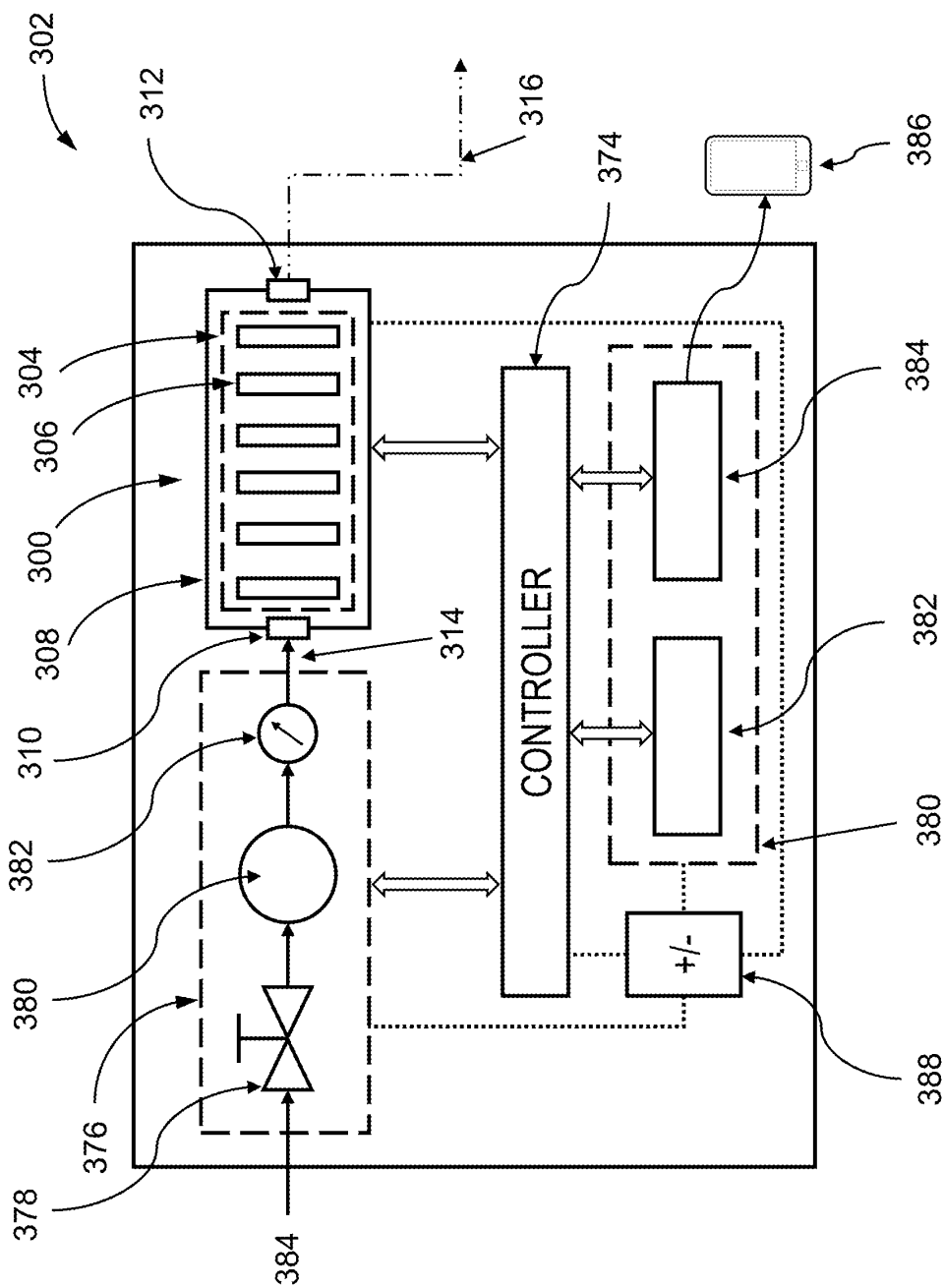


FIG. 3

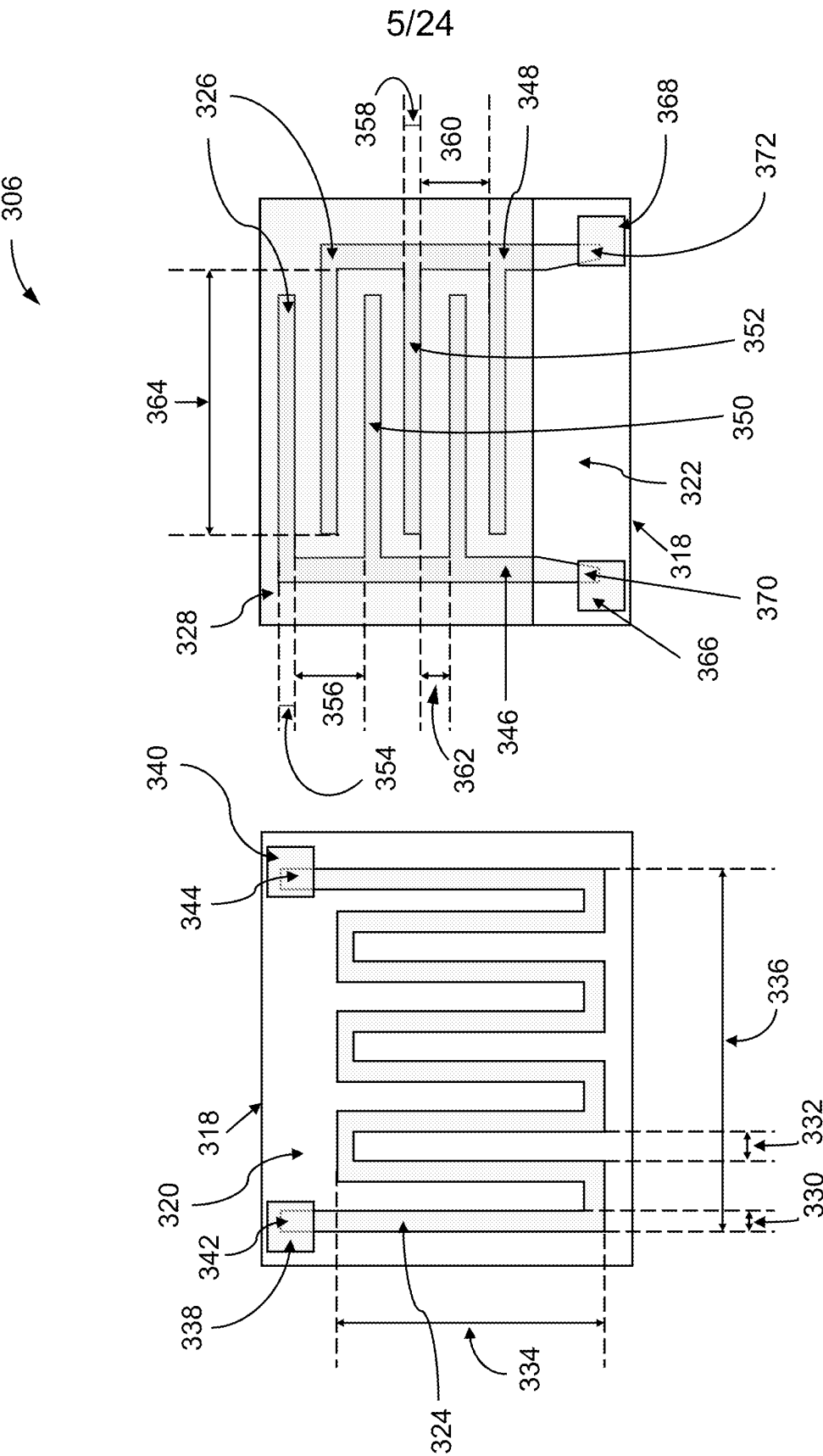


FIG. 4B

FIG. 4A

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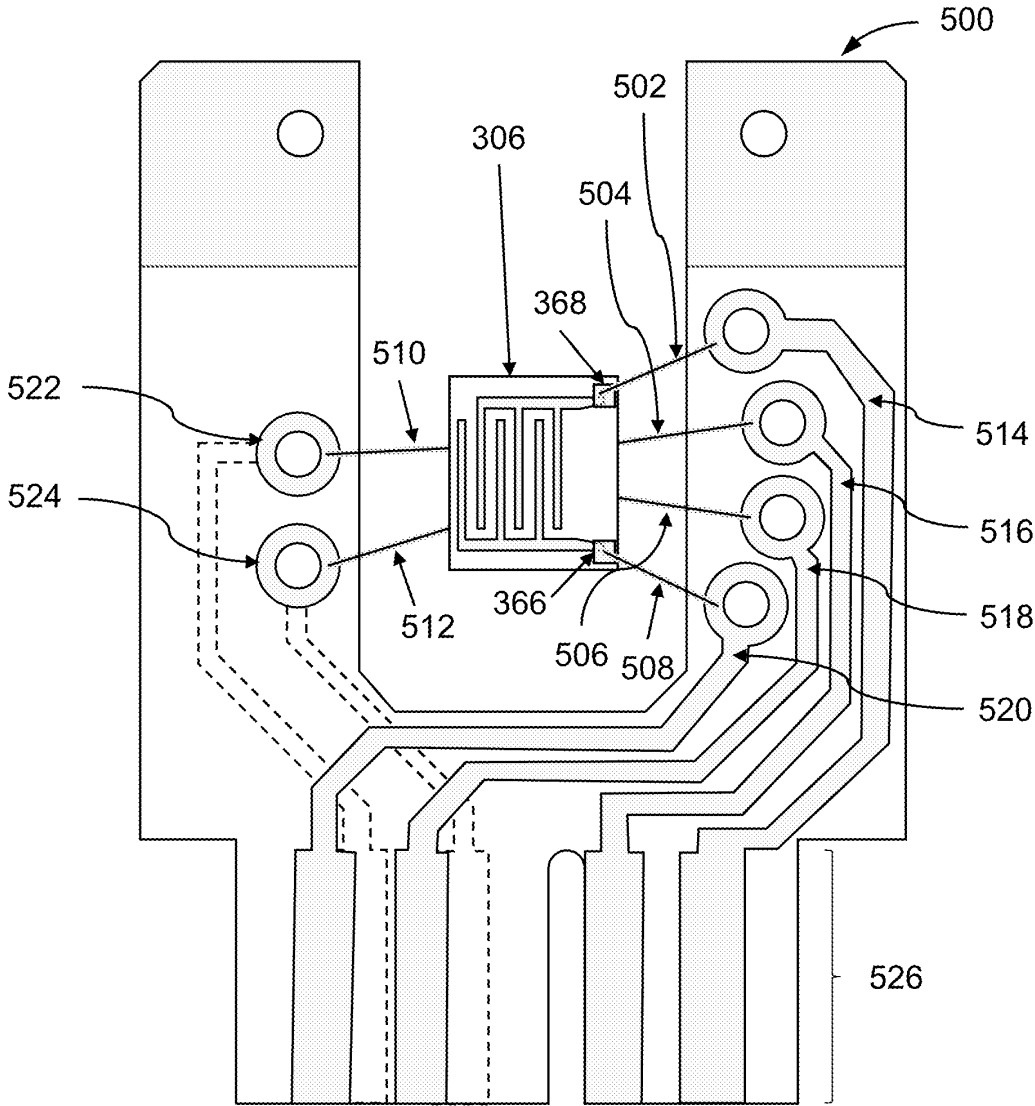
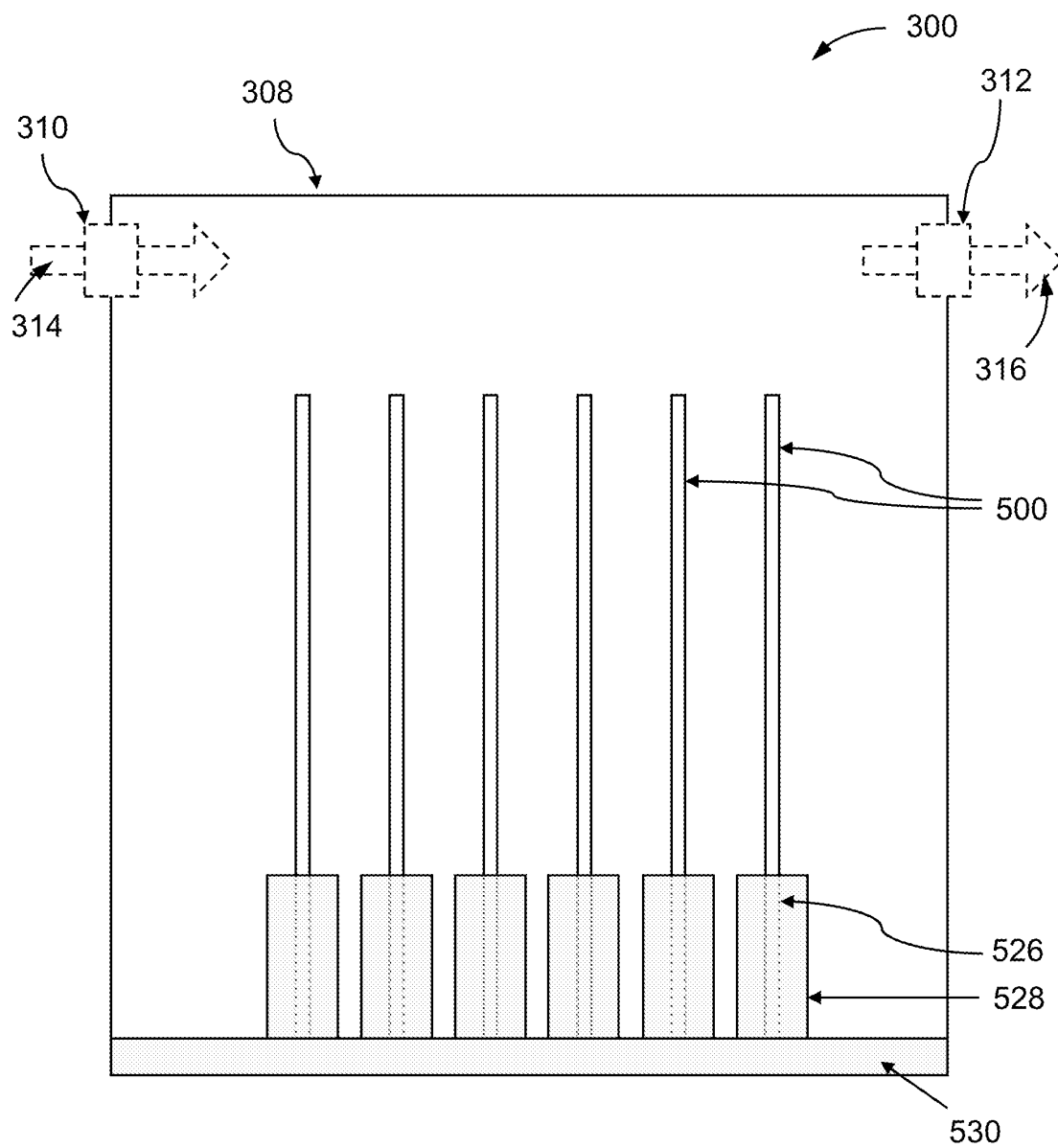


FIG. 5

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**FIG. 6**

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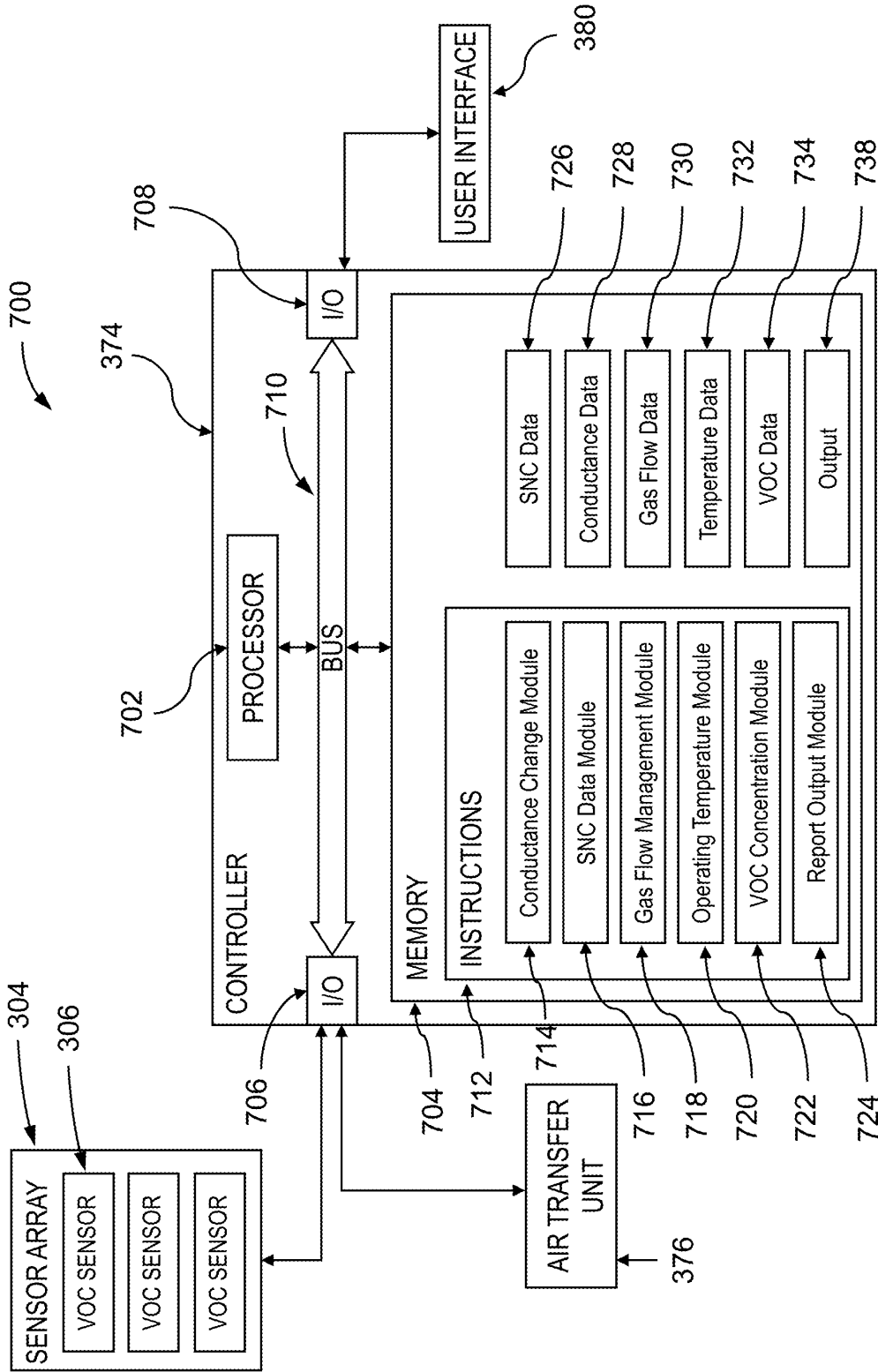


FIG. 7

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Indian Meal Moth Pheromone
(9,12-tetradecadienyl acetate)
Tested in Laboratory

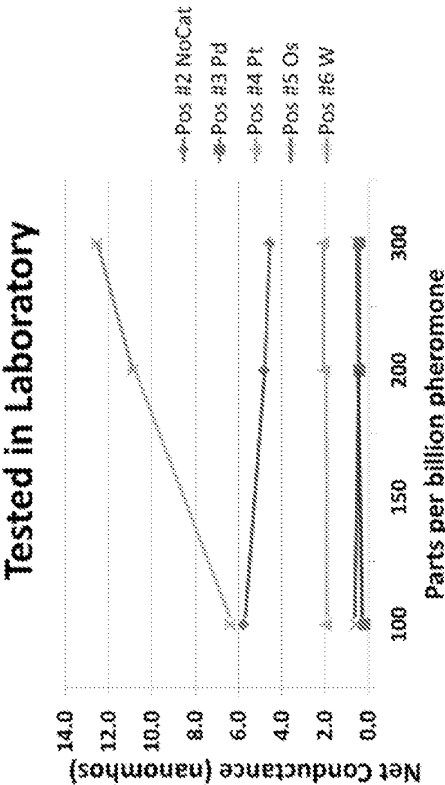


FIG. 8A

Red Flour Beetle Pheromone
(Tribolure) Tested in Laboratory

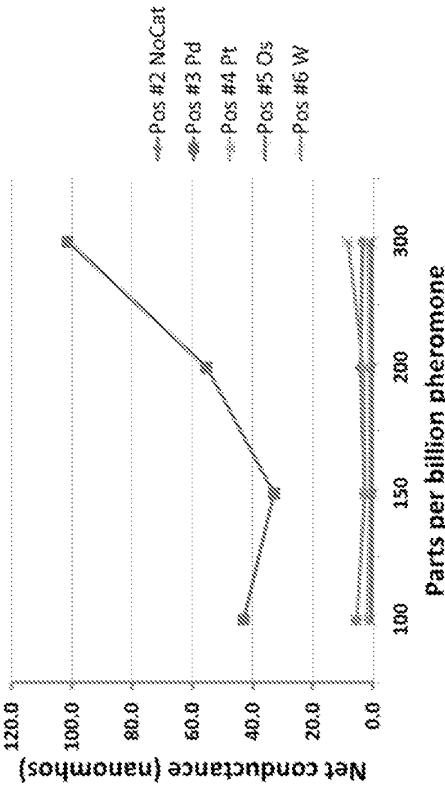


FIG. 8B

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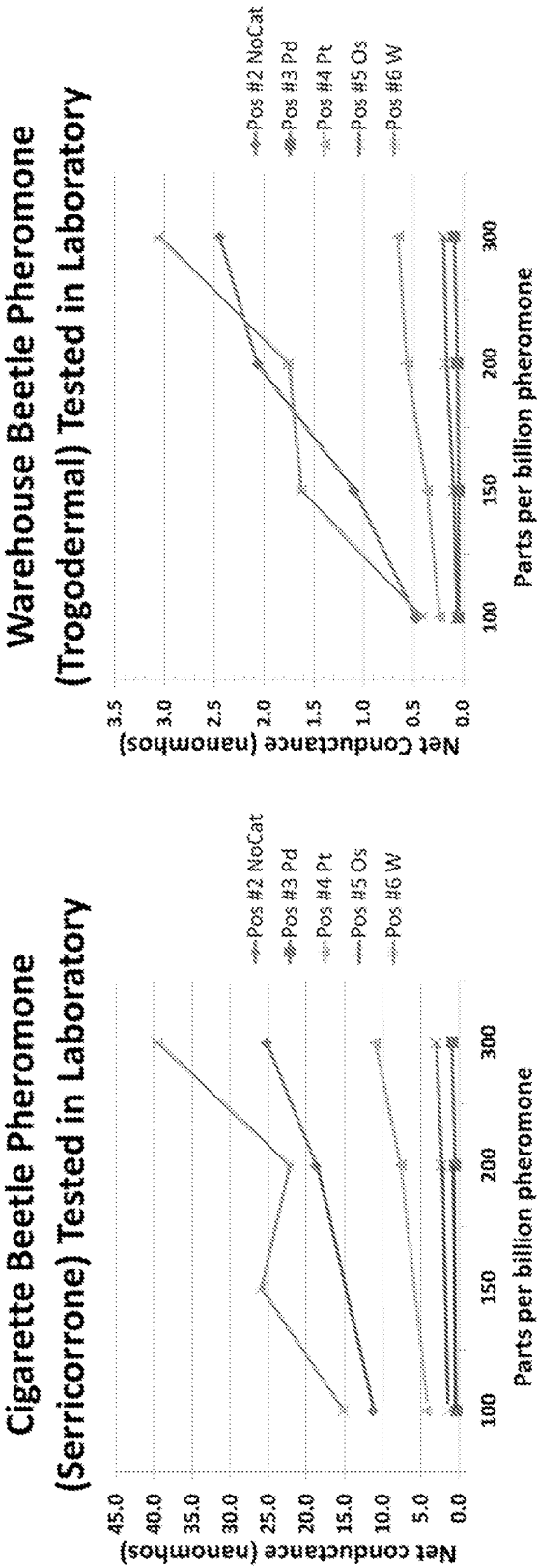


FIG. 8D

FIG. 8C

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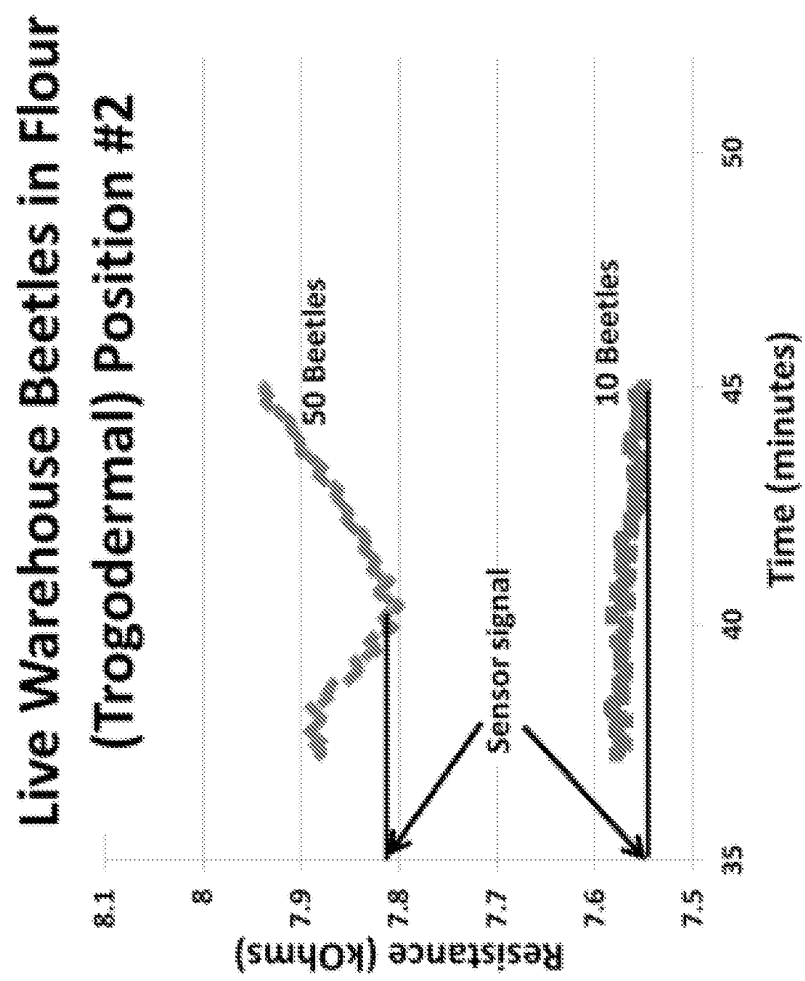


FIG. 9A

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Live Cigarette Beetles in Flour
(Sericorrone) Position #2

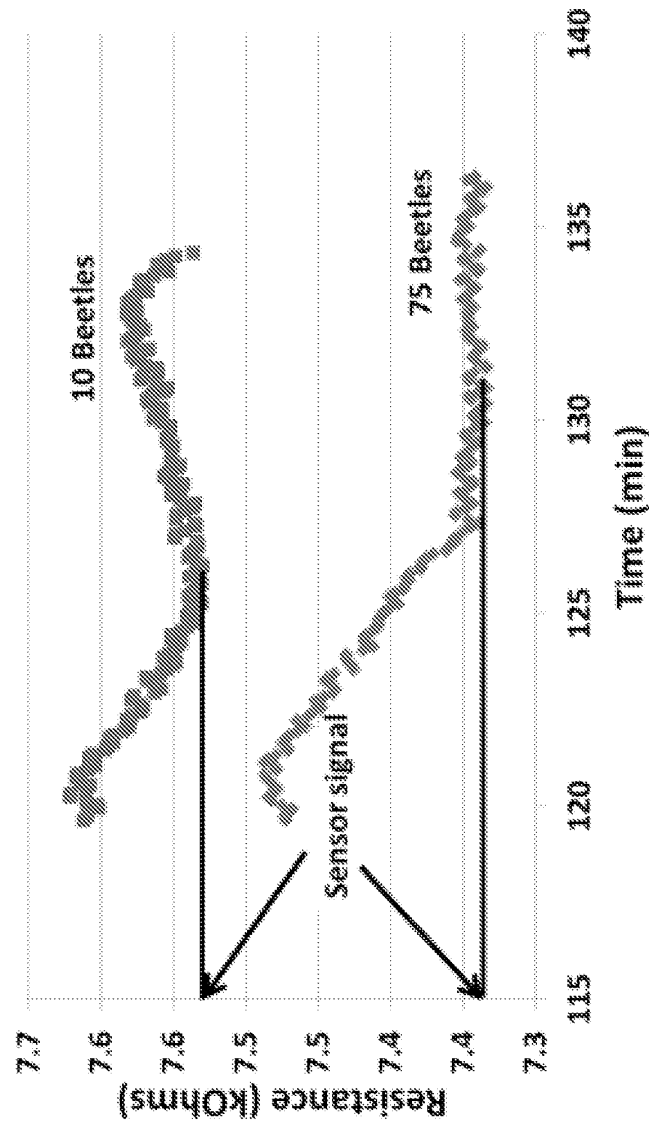


FIG. 9B

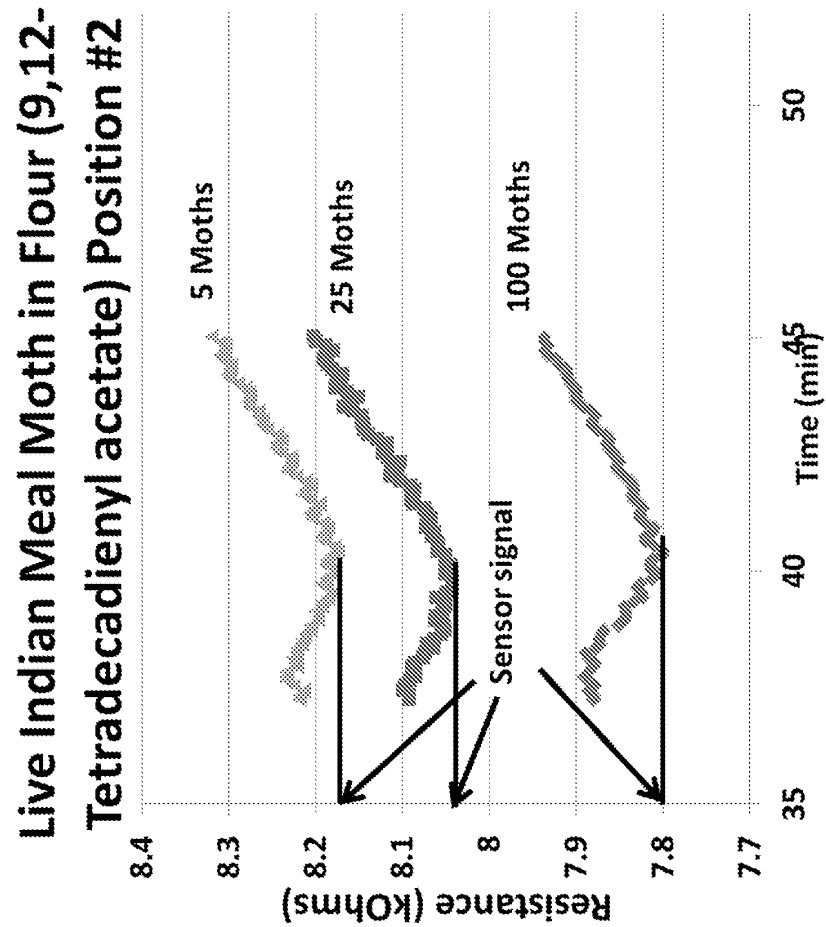


FIG. 9C

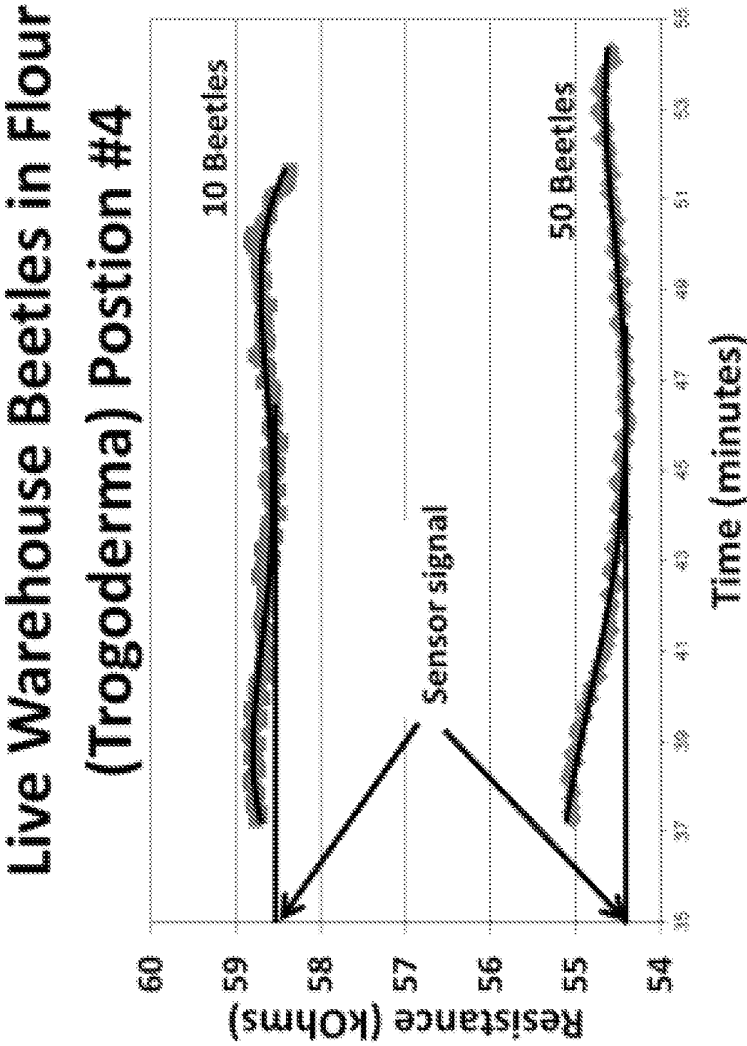


FIG. 10A

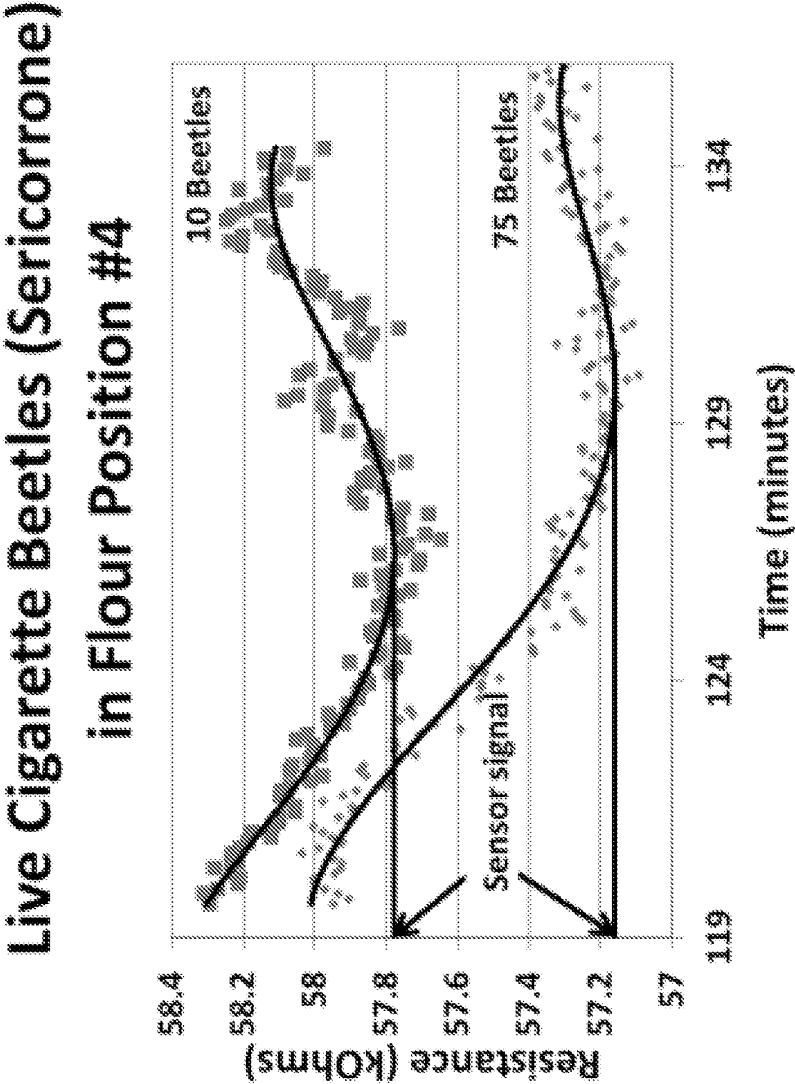


FIG. 10B

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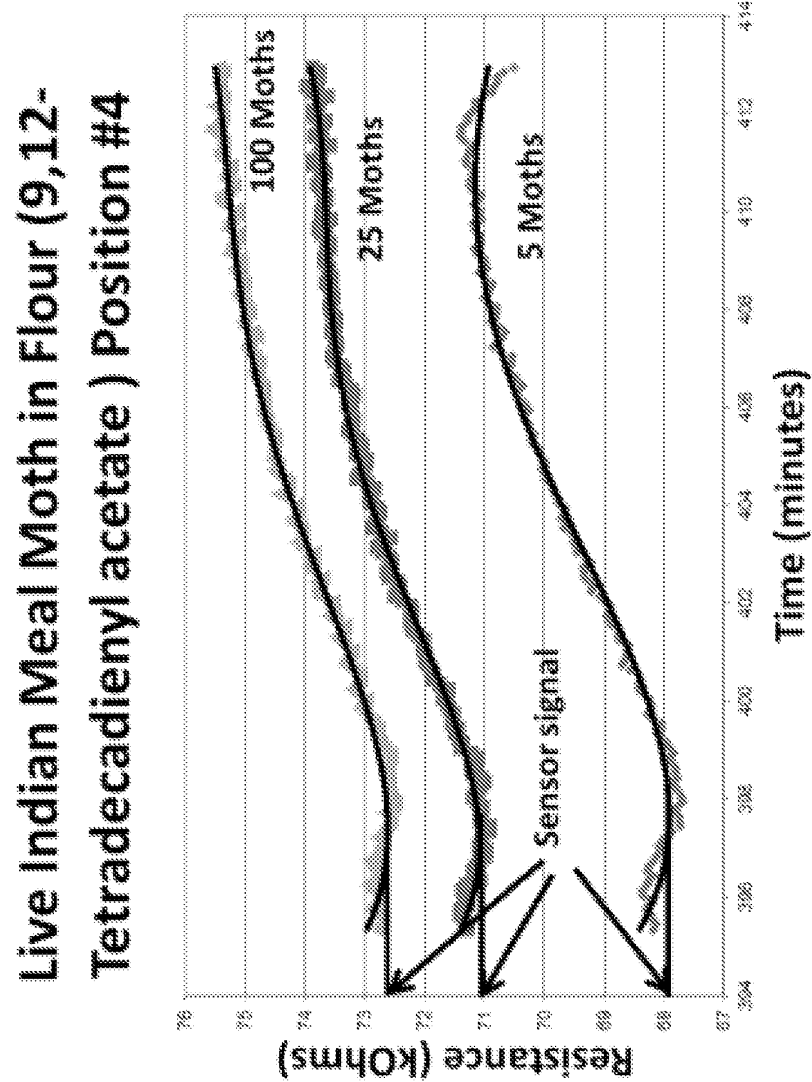


FIG. 10C

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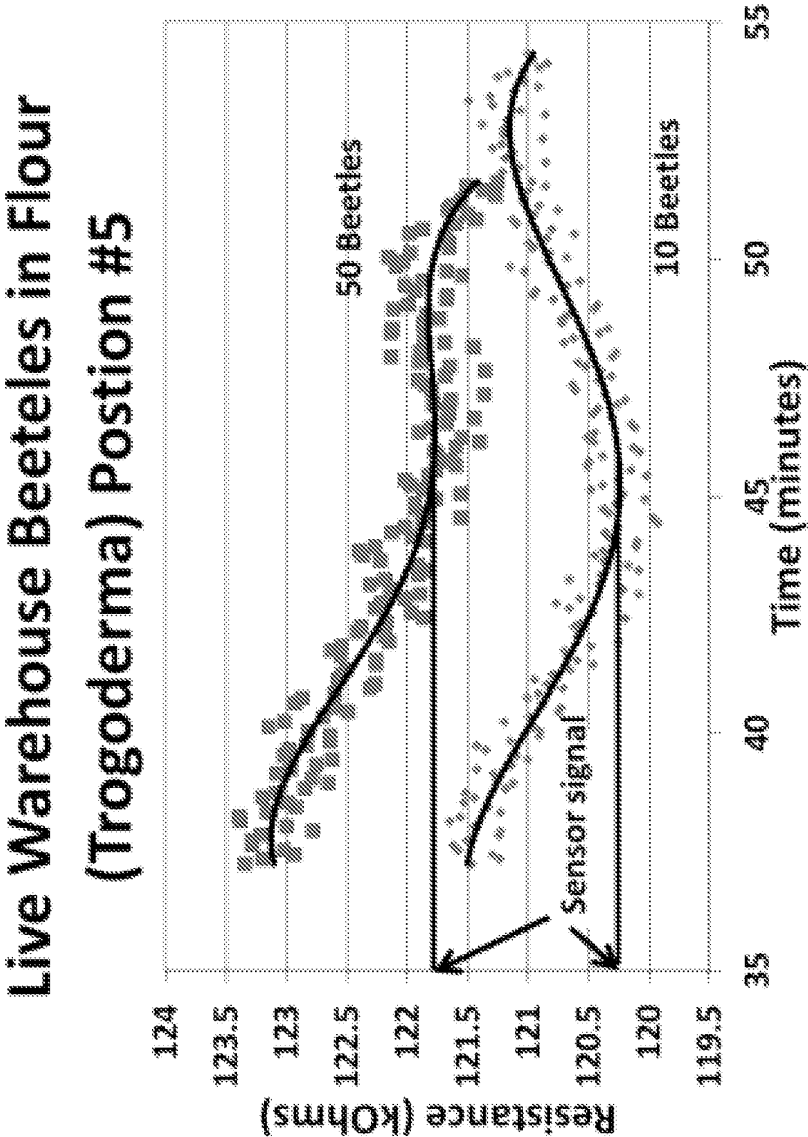


FIG. 11A

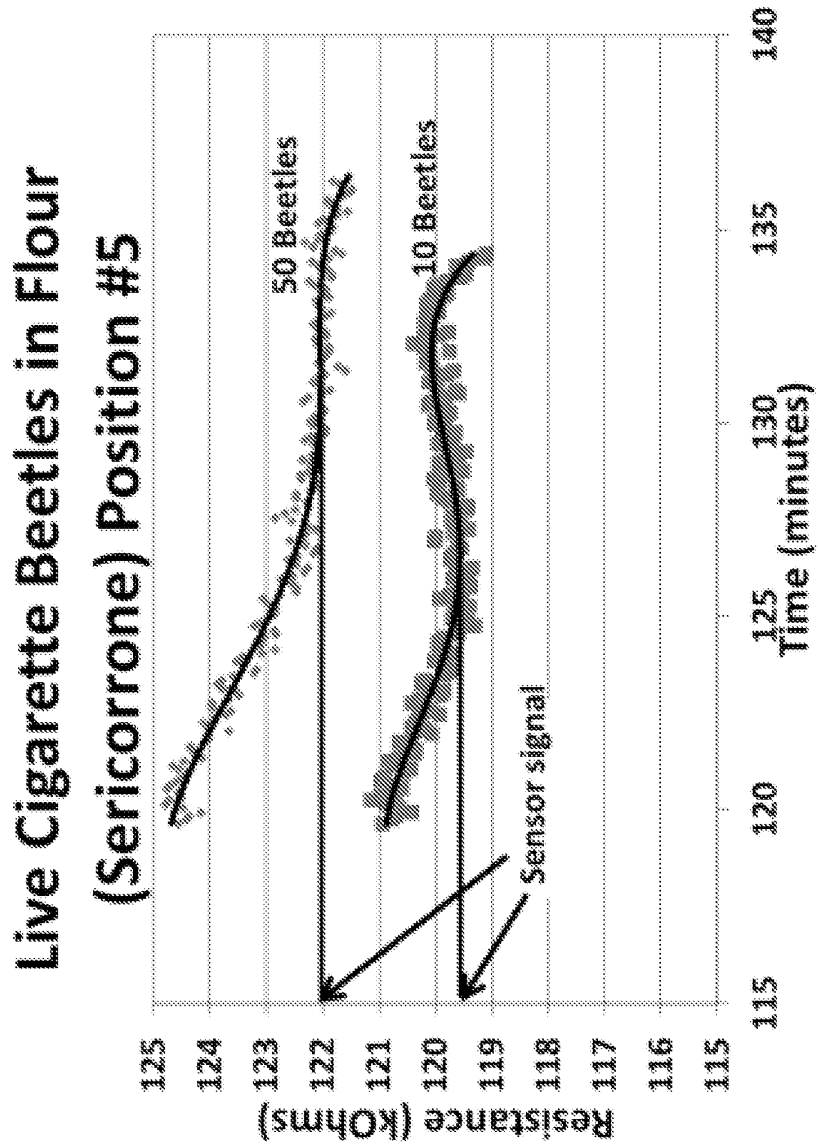


FIG. 11B

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Live Indian Meal Moths in Flour (9,12-Tetradecadienyl acetate) Position #5

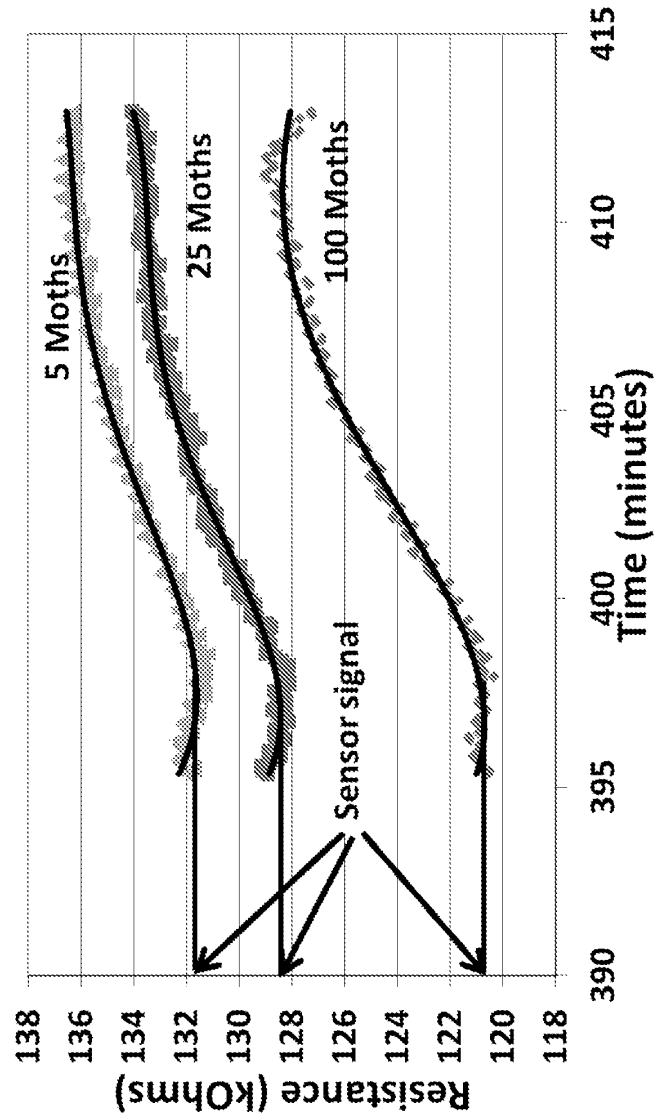


FIG. 11C

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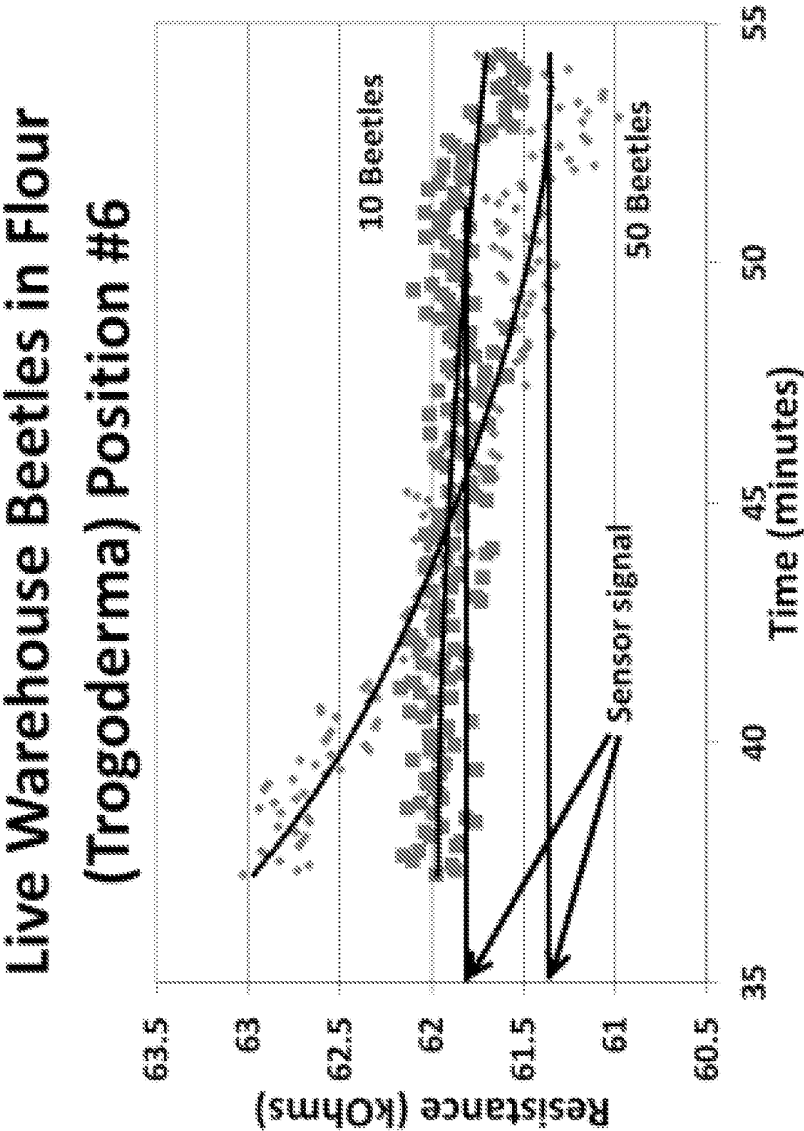


FIG. 12A

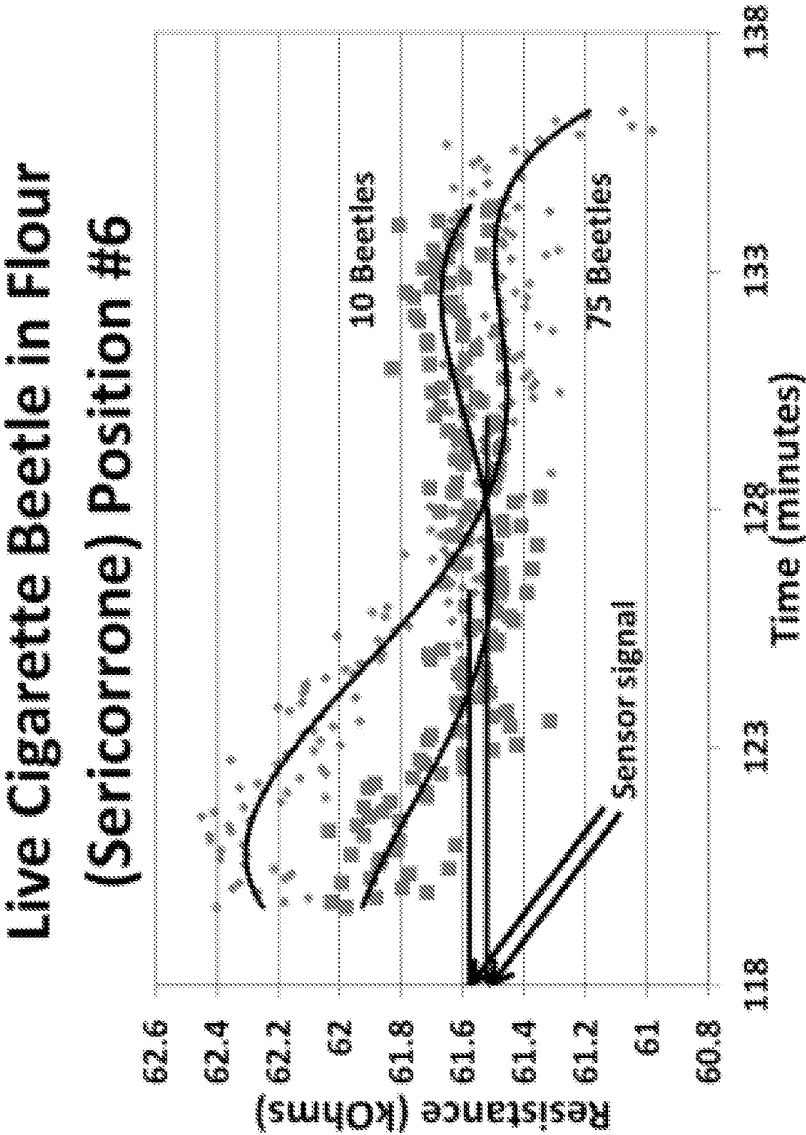


FIG. 12B

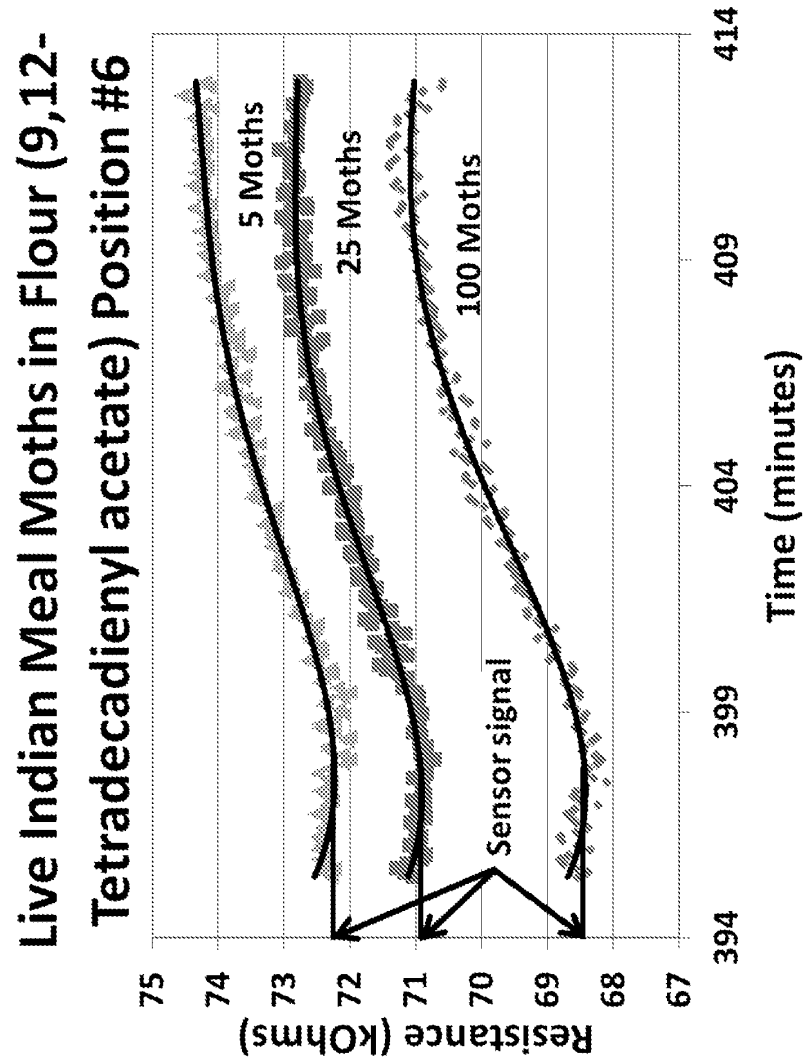
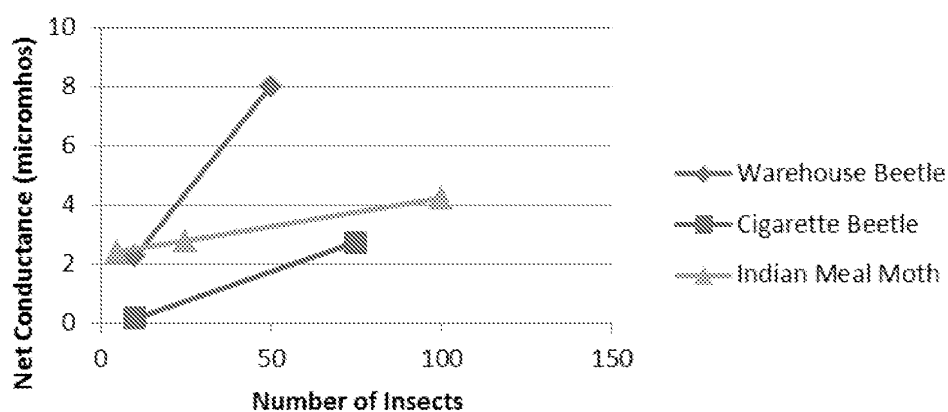


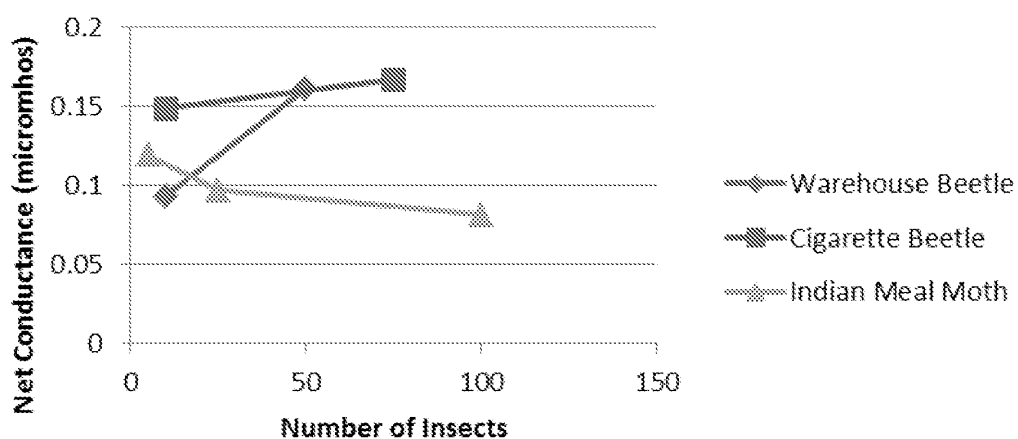
FIG. 12C

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Sensor Response vs Insect Number Un-catalyzed Chip - Pos#2

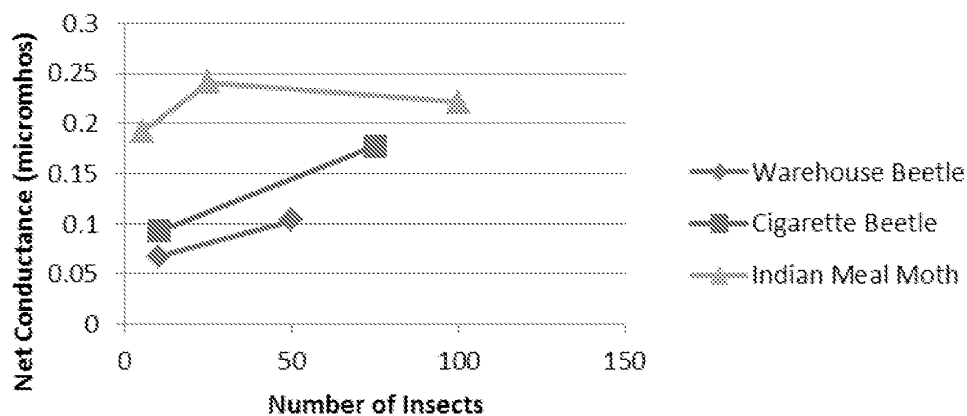
**FIG. 13A**

Sensor Response vs Insect Number Pt-catalyzed Chip - Pos#4

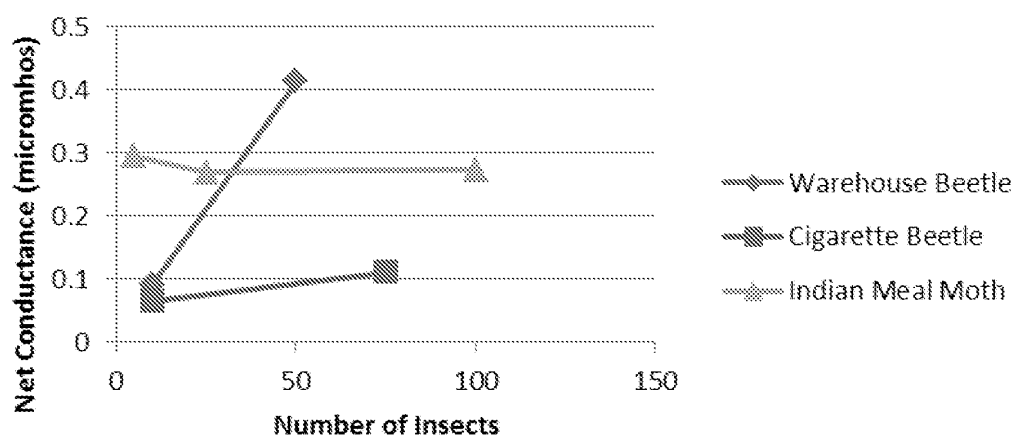
**FIG. 13B**

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Sensor Response vs Insect Number Mo-catalyzed Chip - Pos#5

**FIG. 13C**

Sensor Response vs Insect Number Os-catalyzed Chip - Pos#6

**FIG. 13D**