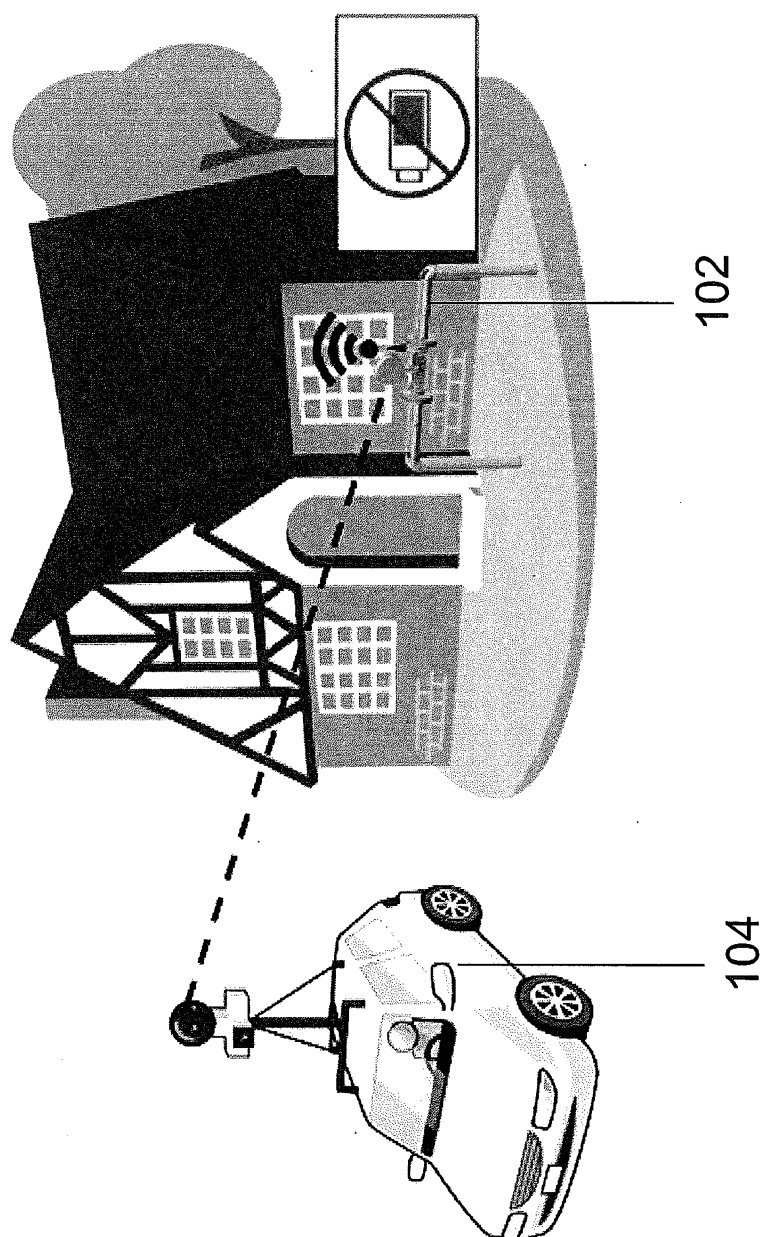


FIG. 1

100



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FIG. 2

200

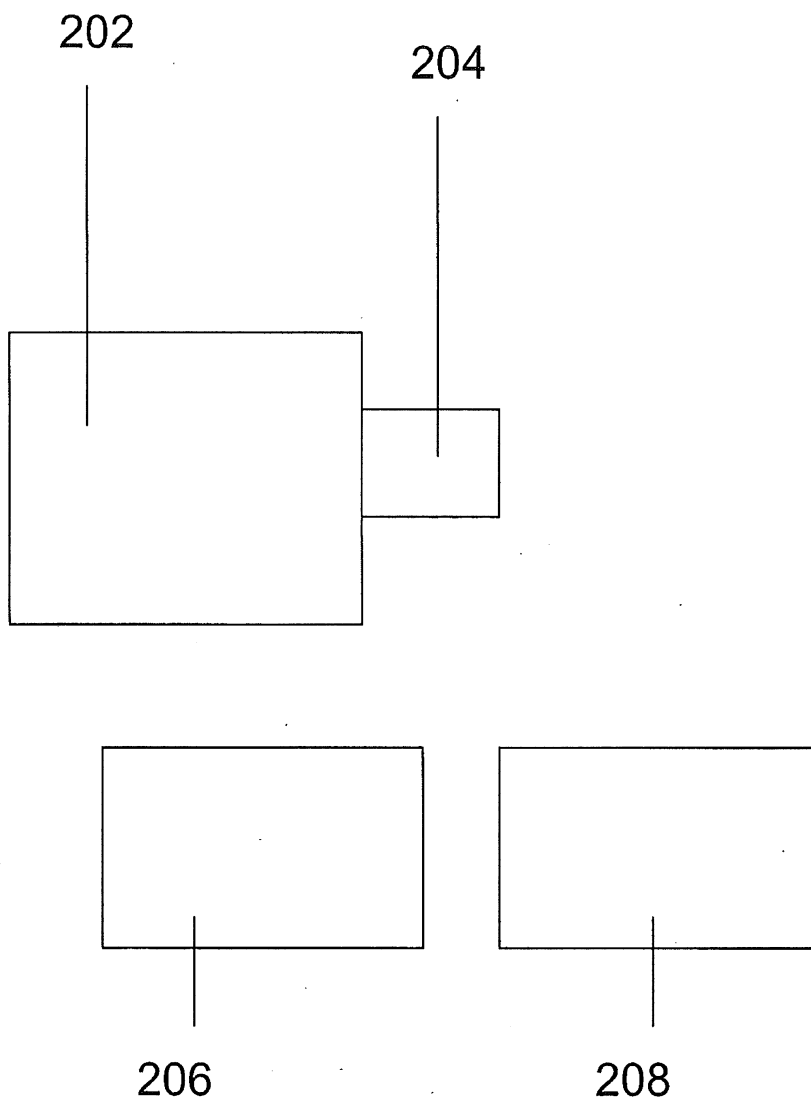


FIG. 3

300

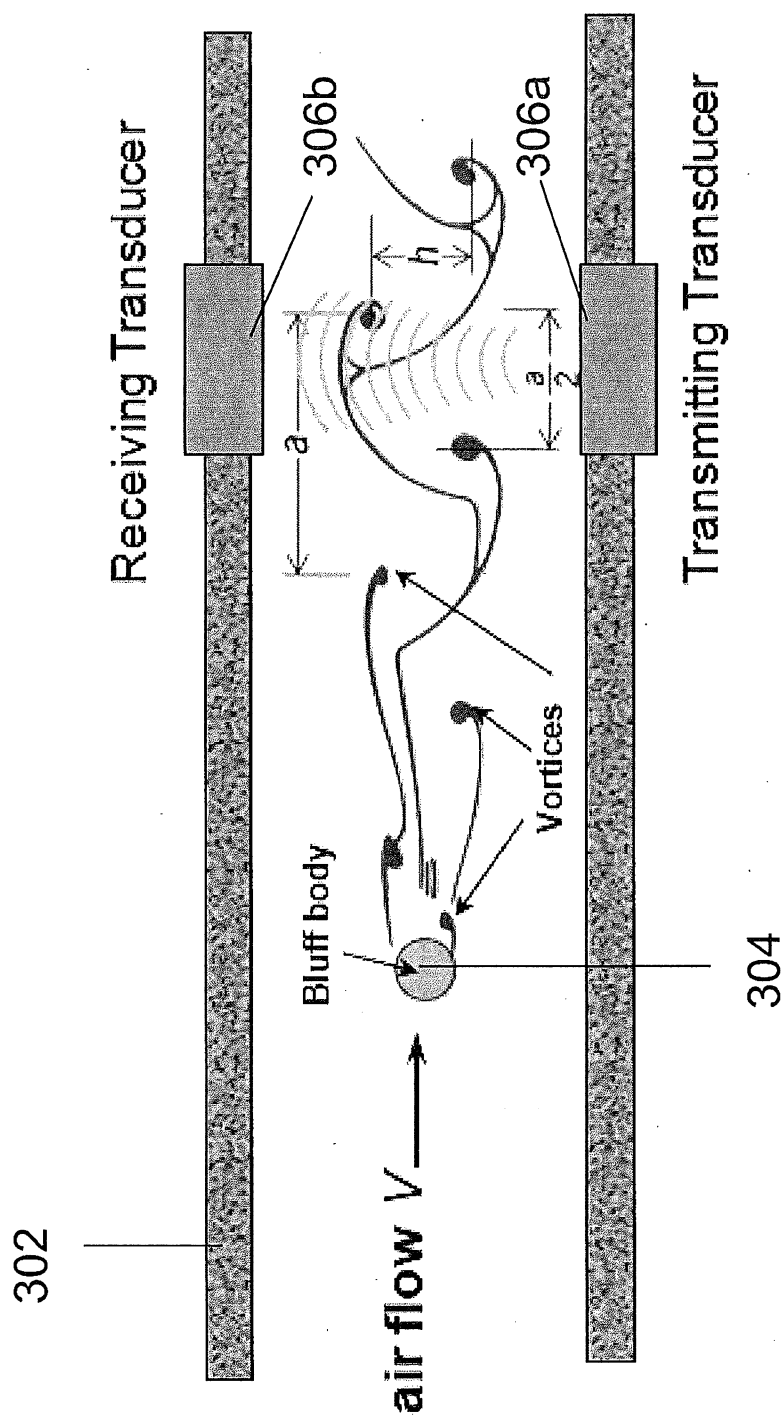
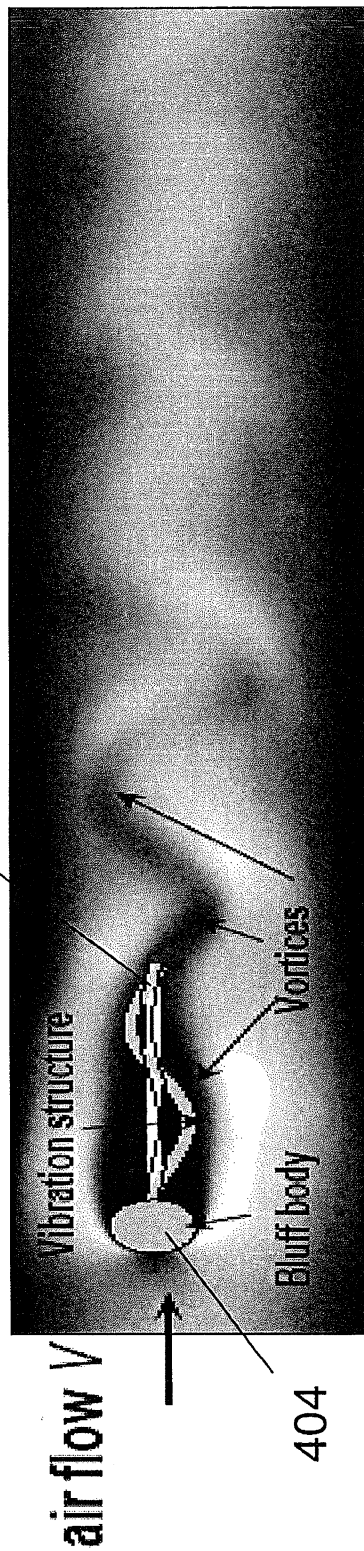


FIG. 4

400

410

402



air flow V

404

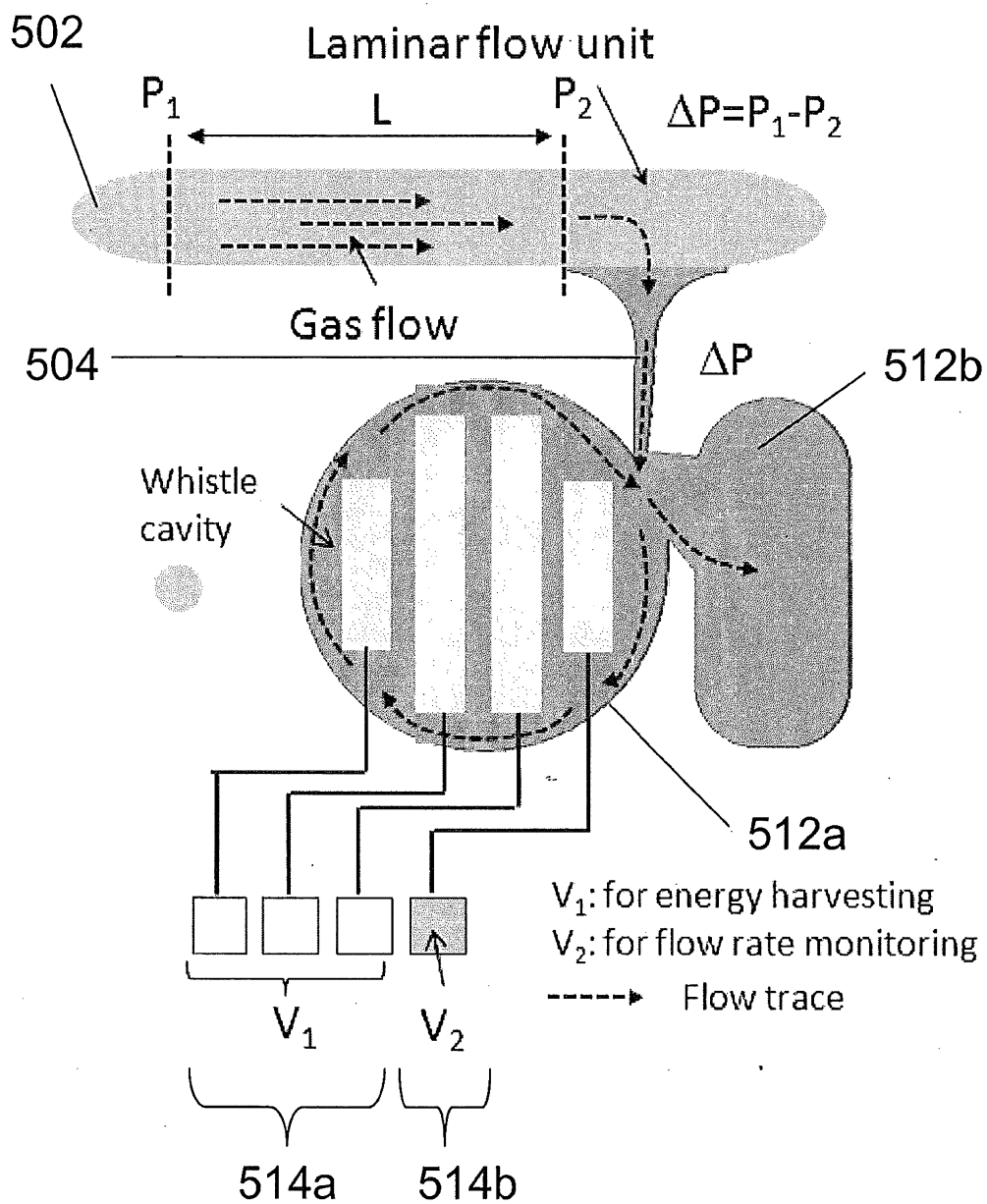
Vibration structure

Bluff body

Vortices

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FIG. 5A

500a

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FIG. 5B

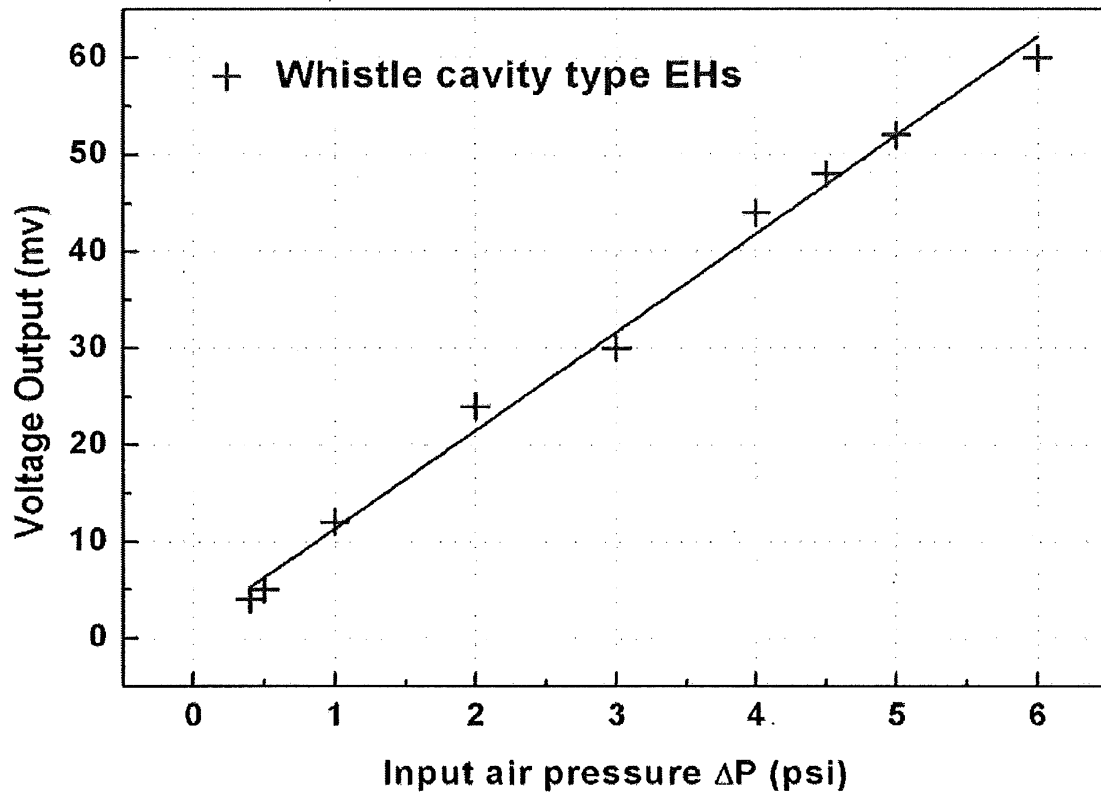
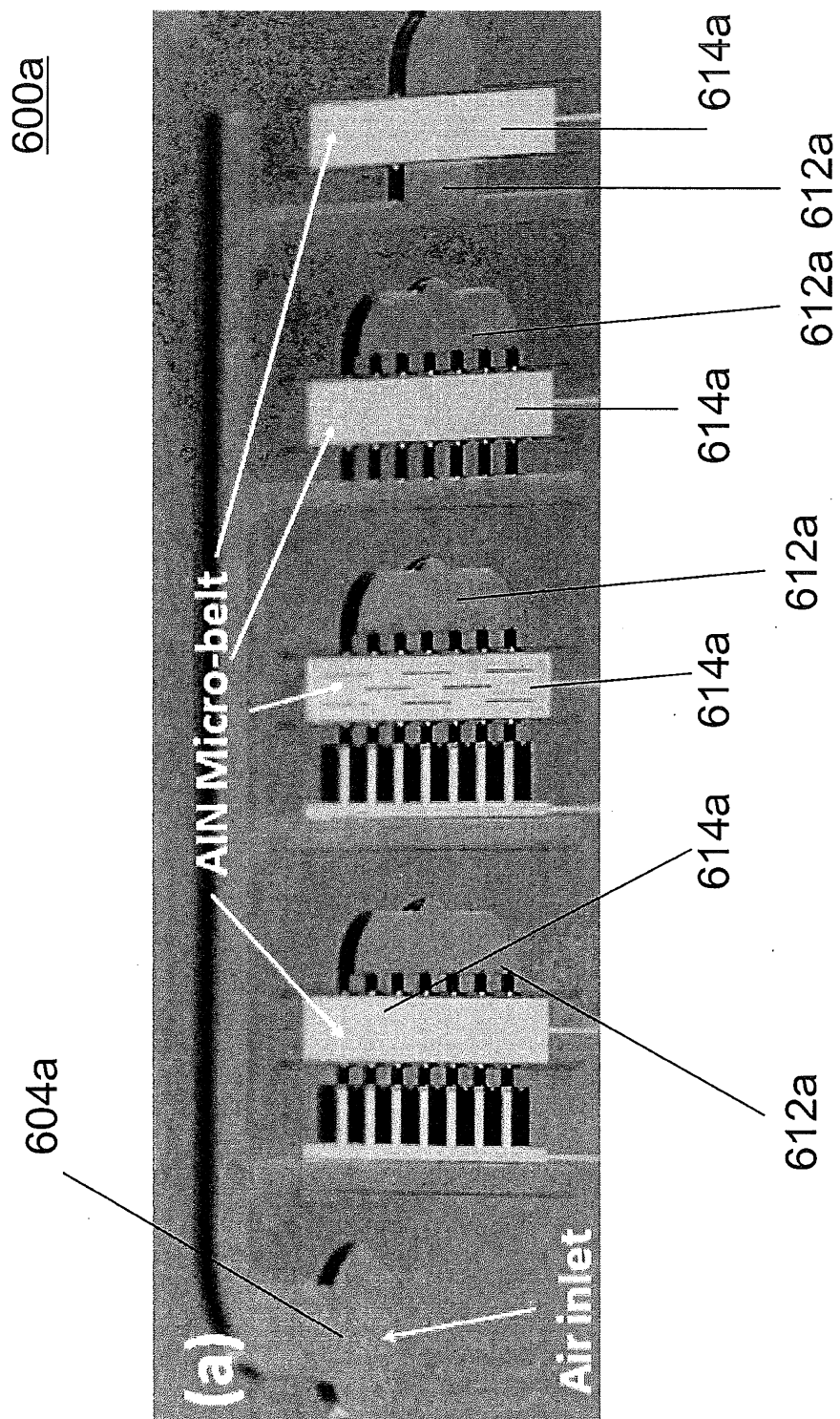
500b

FIG. 6A



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FIG. 6B

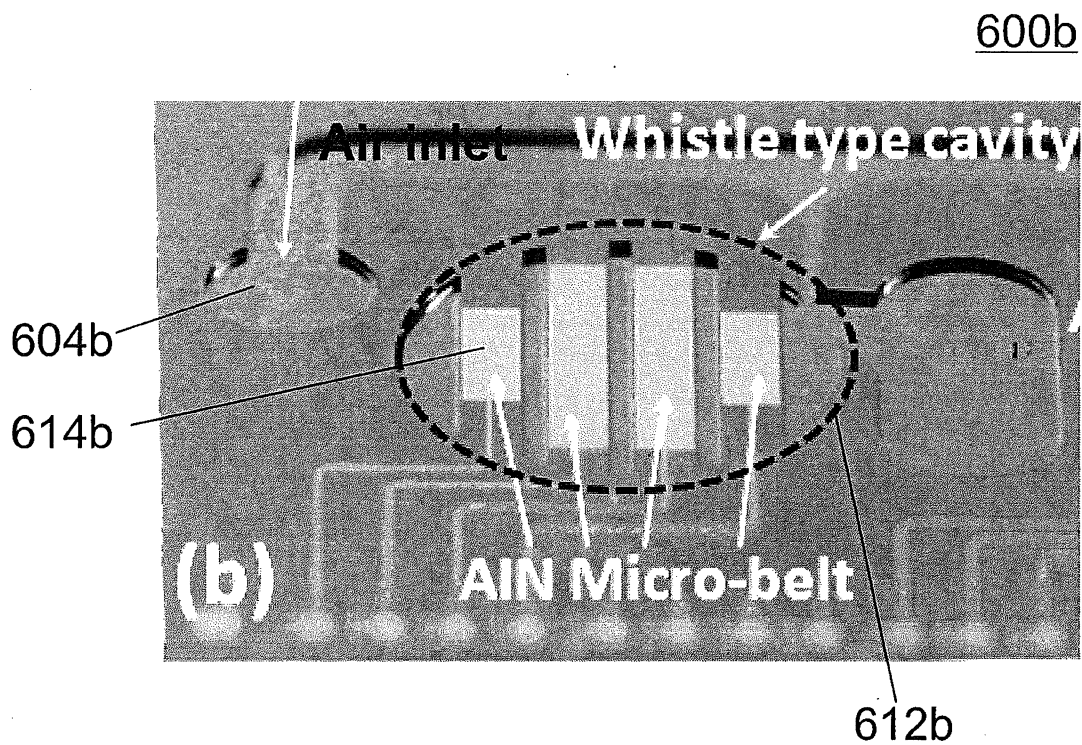
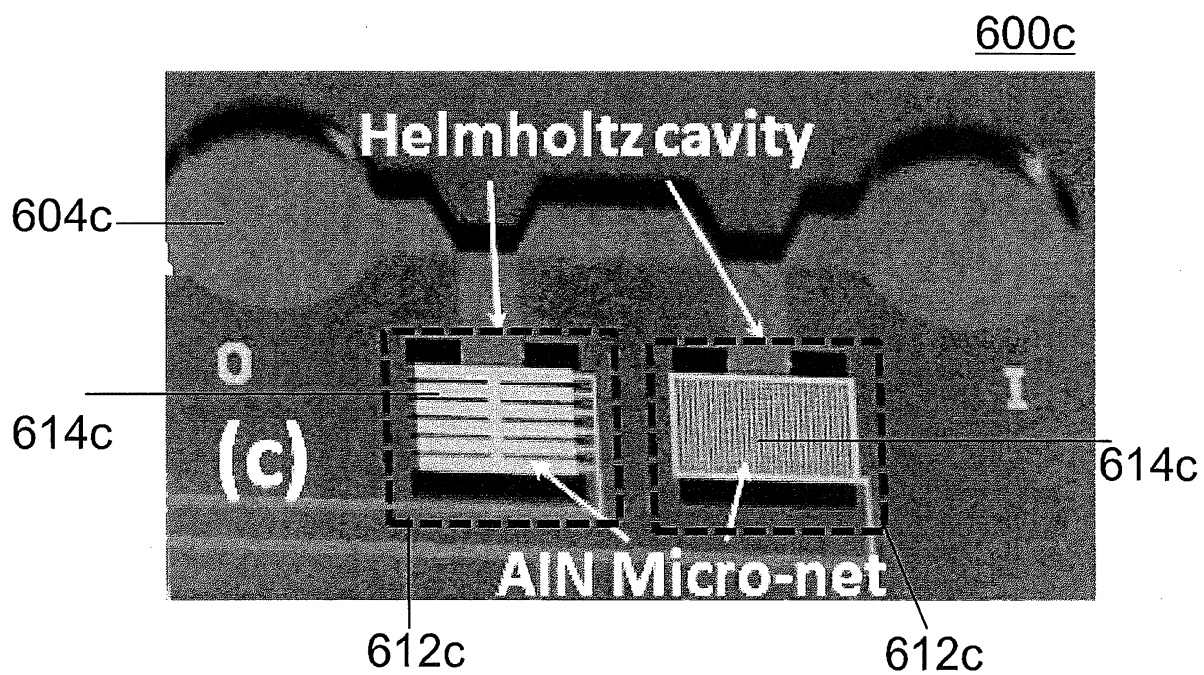
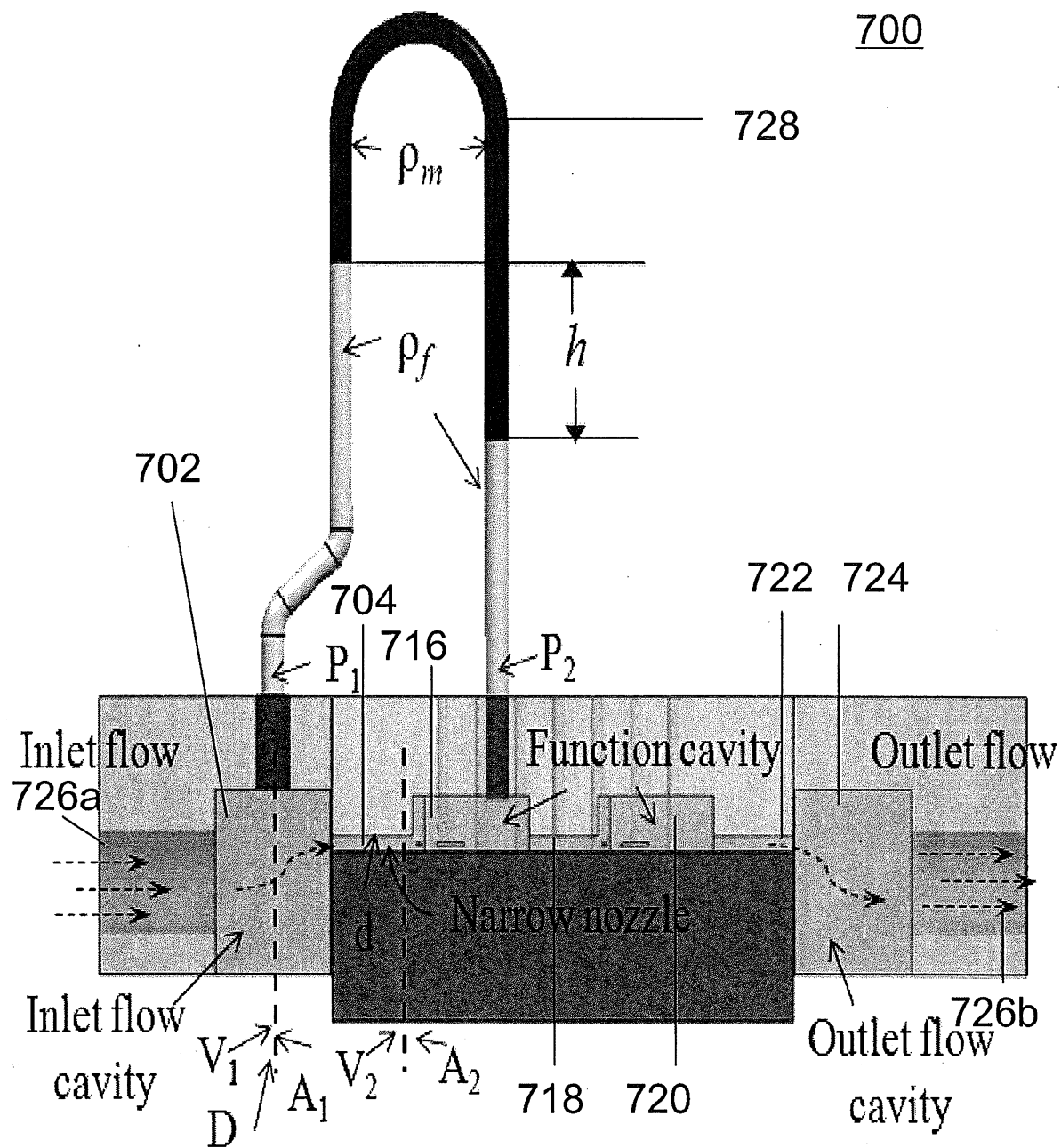


FIG. 6C



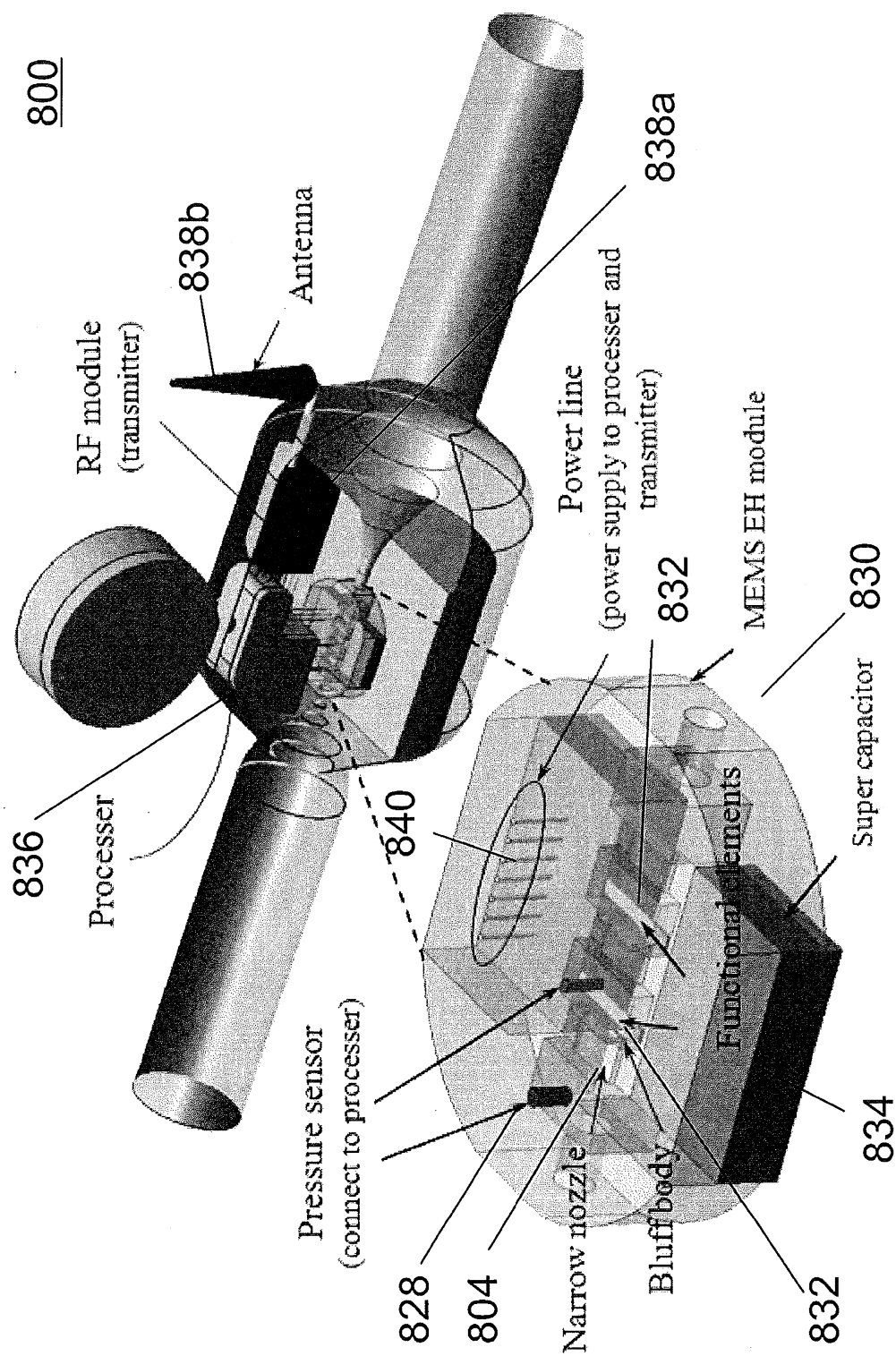
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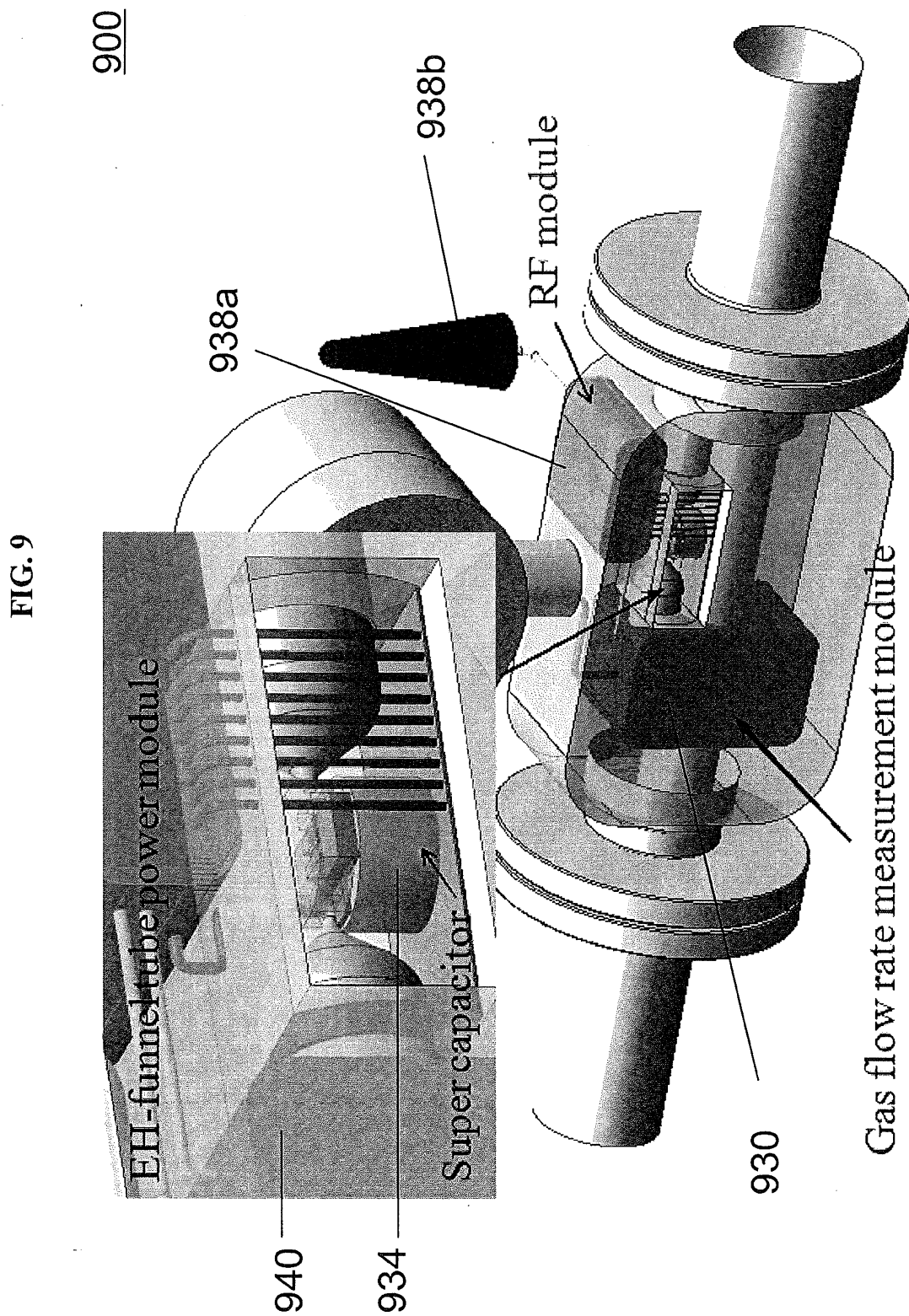
FIG. 7



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FIG. 8





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FIG. 10

1000

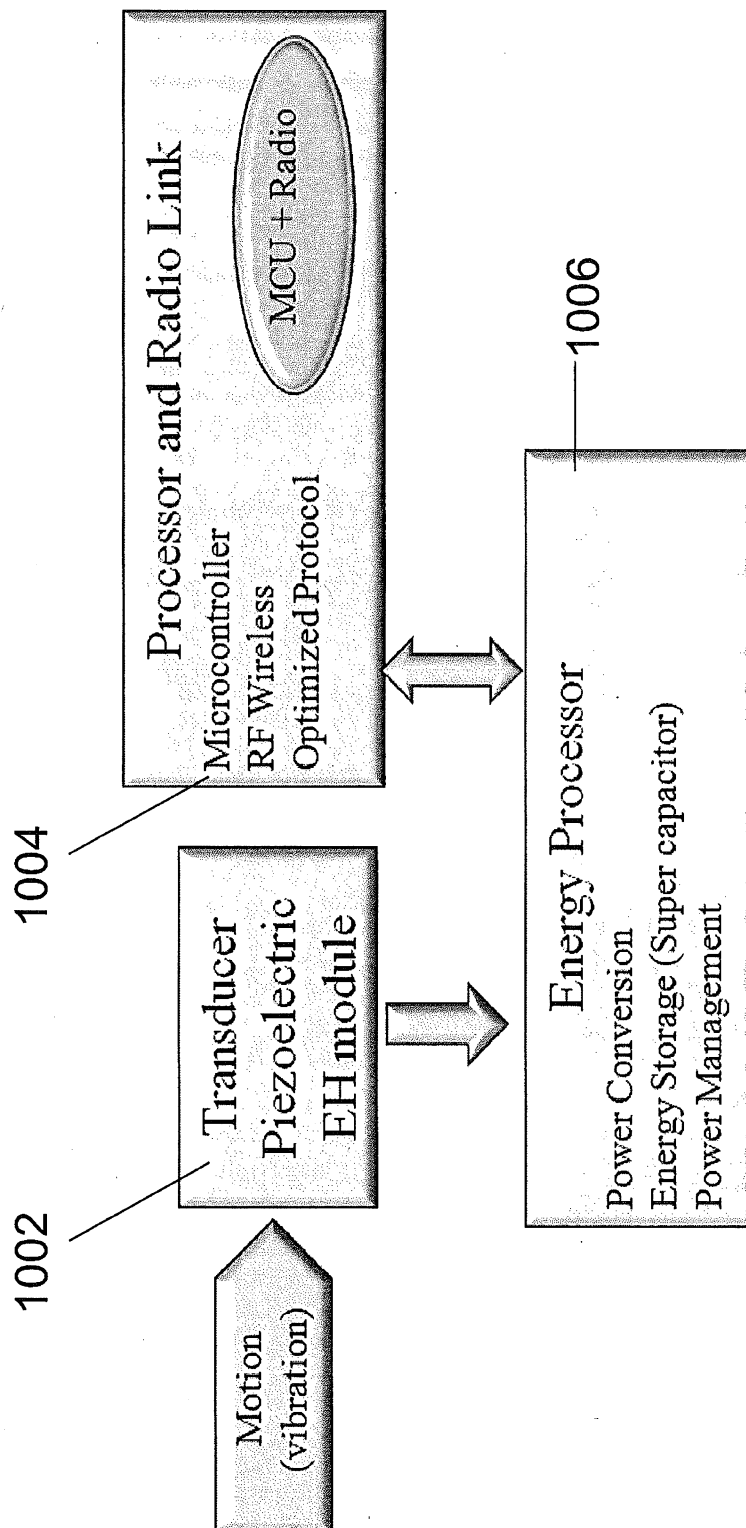
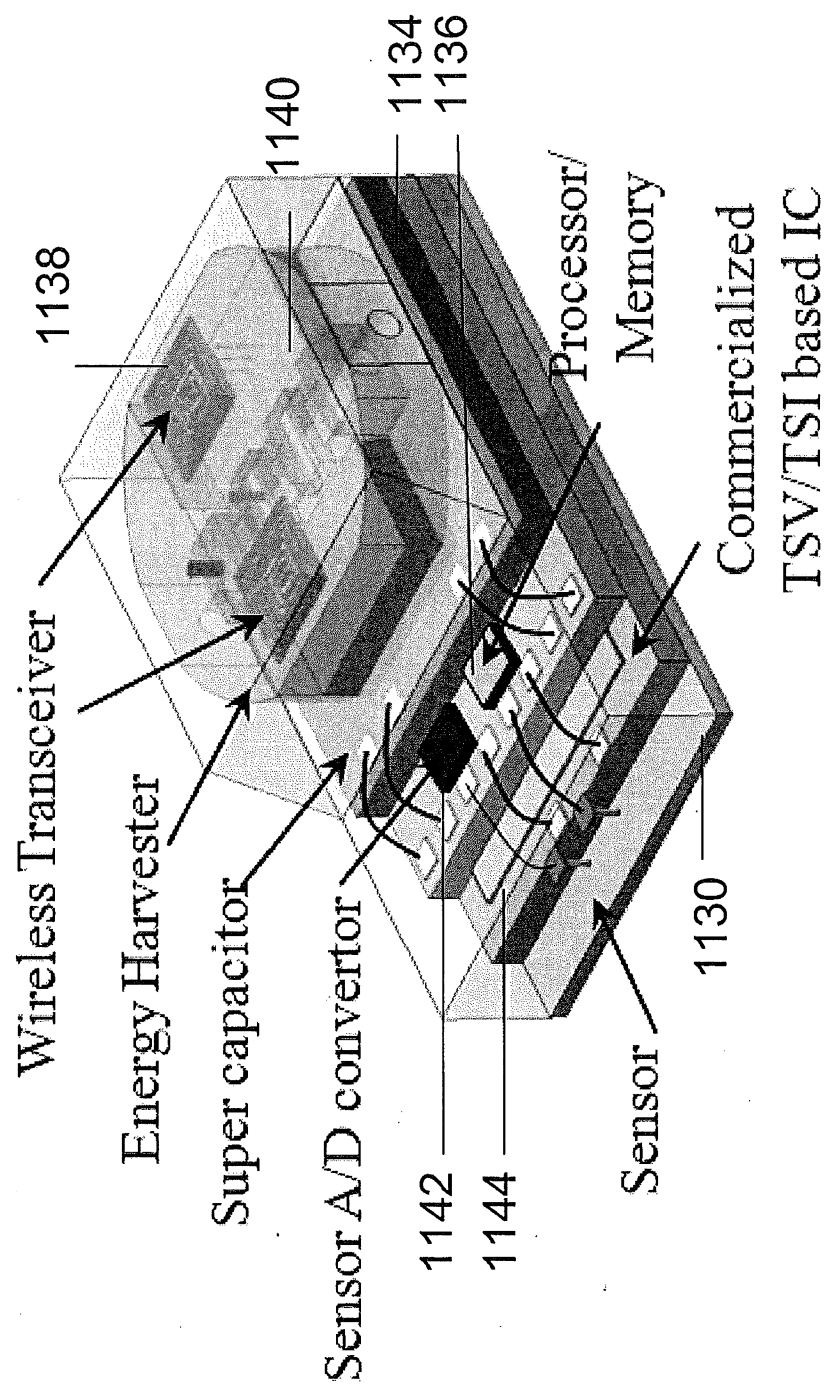


FIG. 11

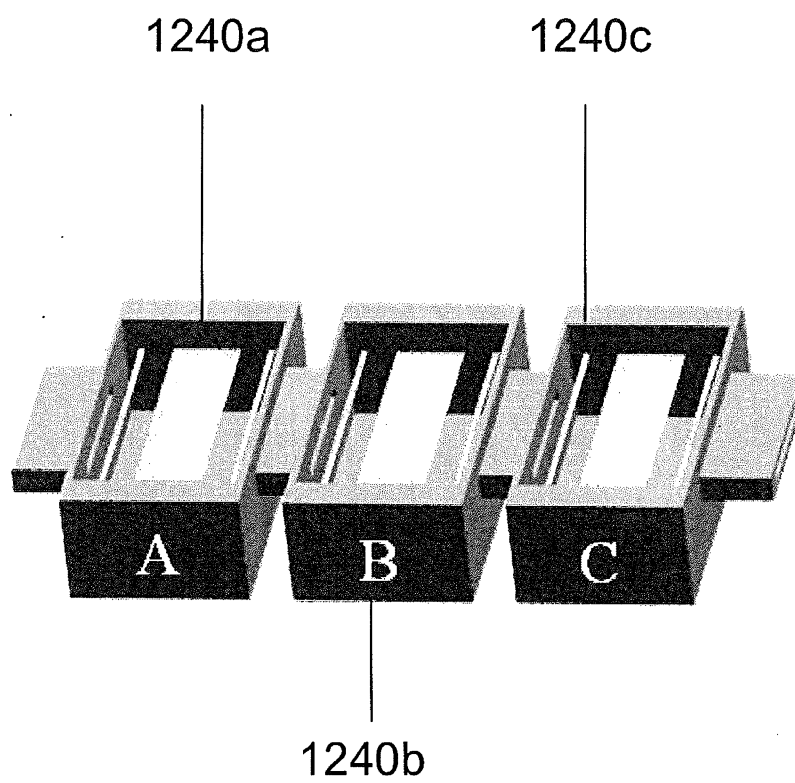
1100



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FIG. 12A

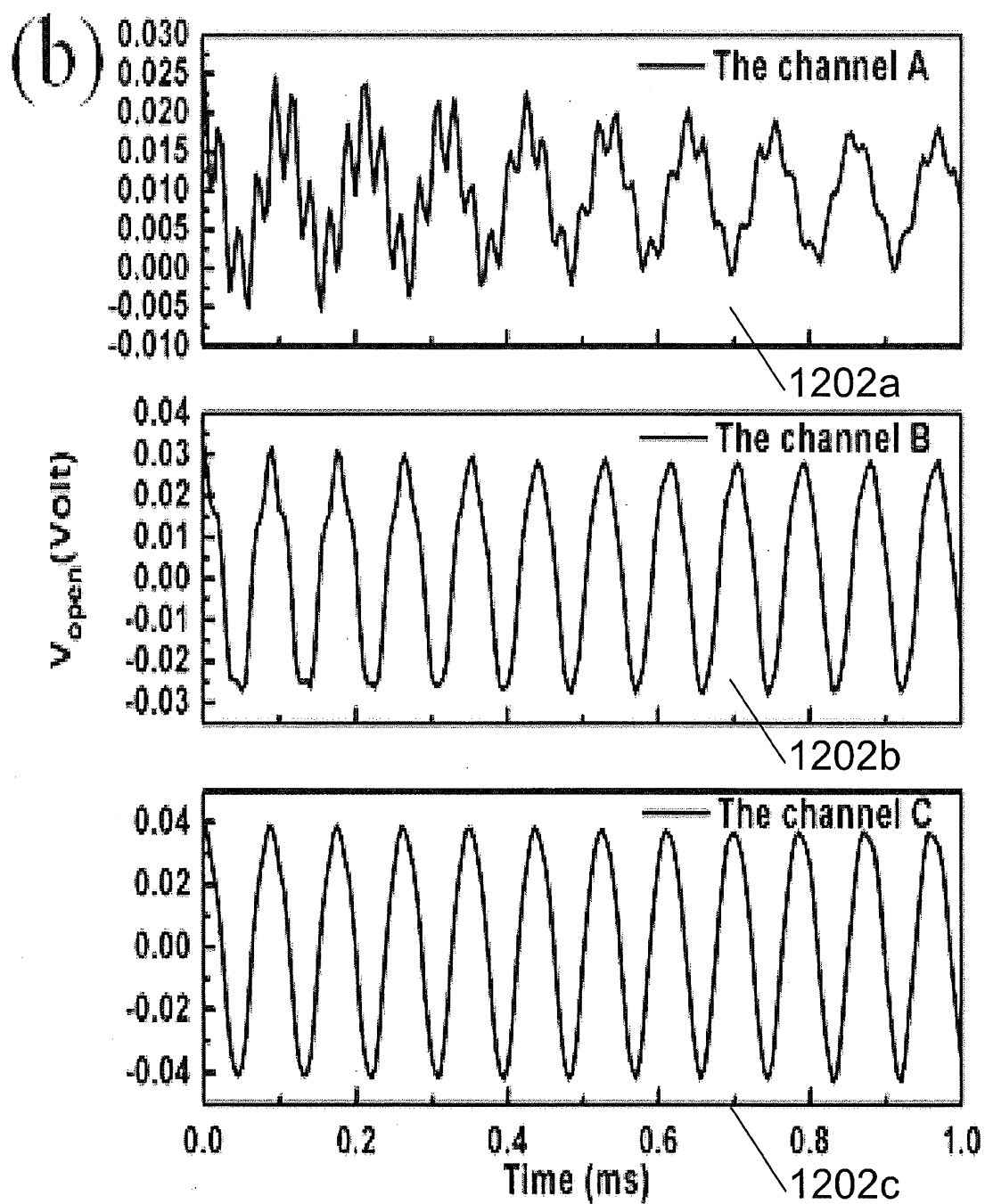
1200a



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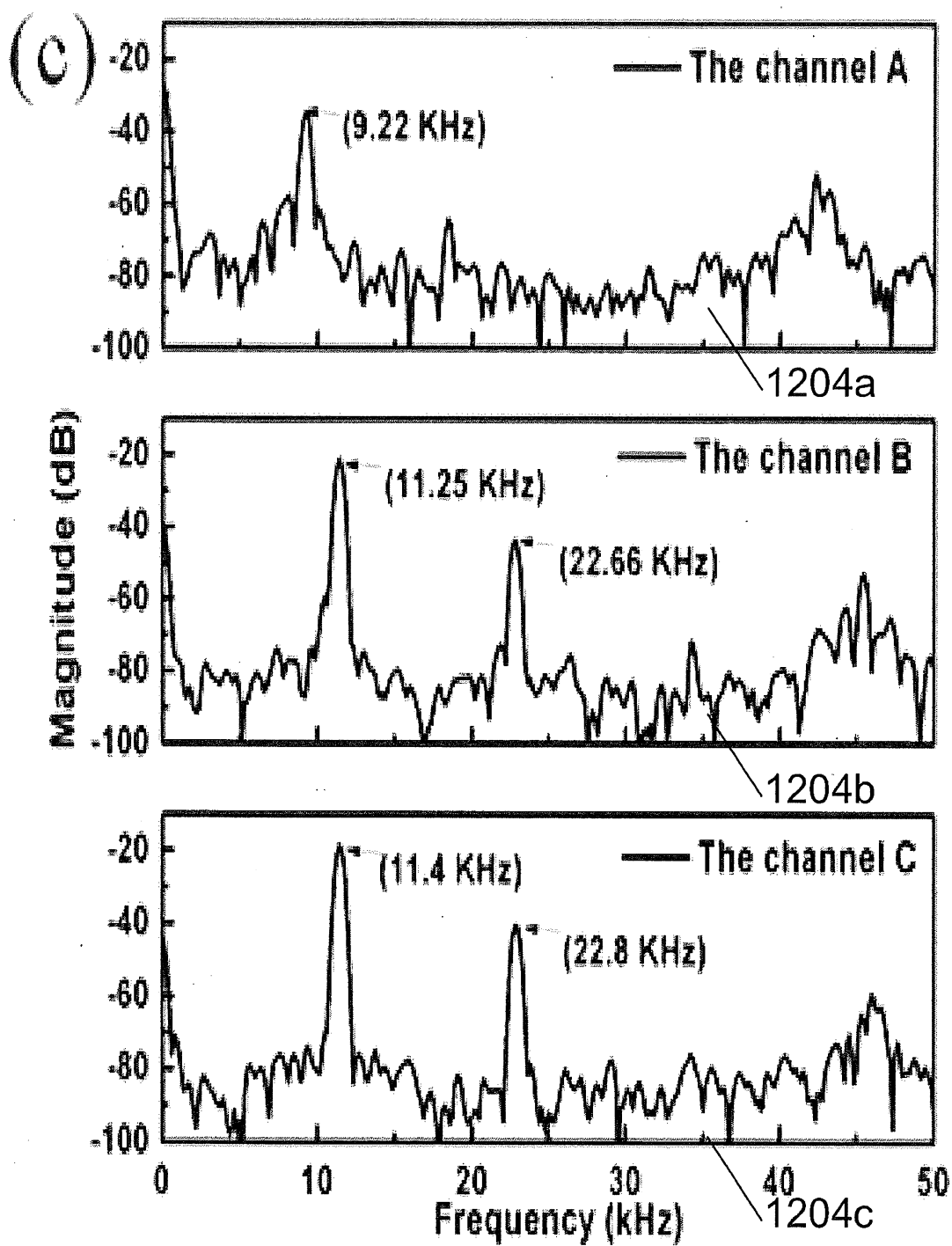
FIG. 12B

1200b



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FIG. 12C

1200c

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FIG. 13A

1300a

1302a

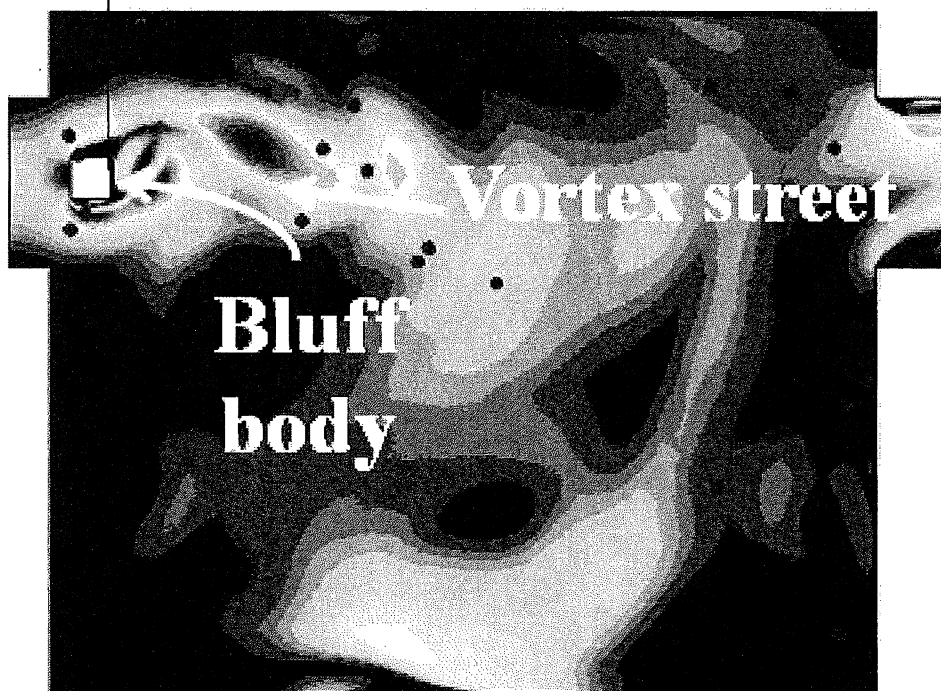
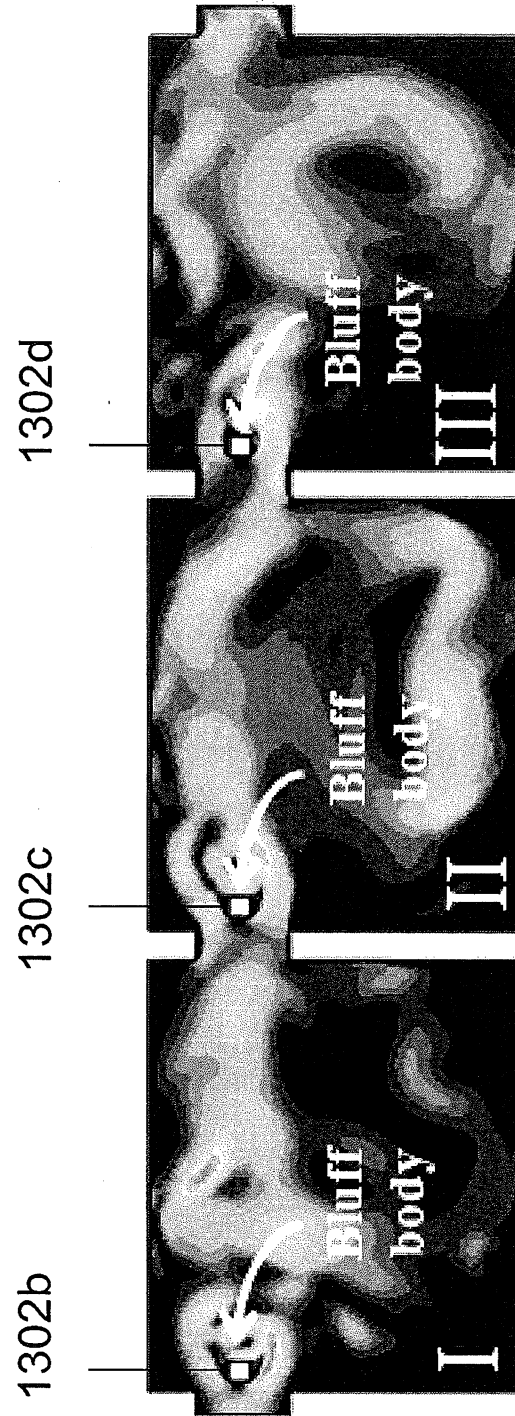


FIG. 13B

1300b



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FIG. 14

1400