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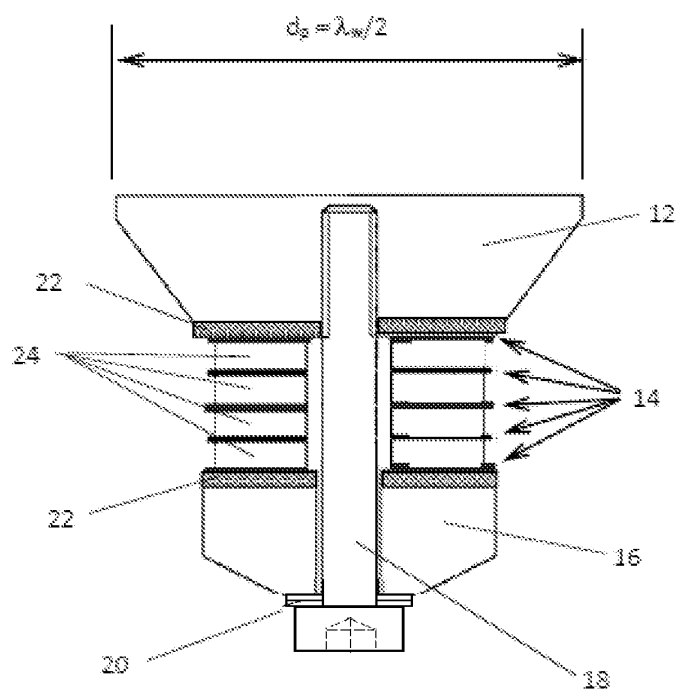


FIG. 1
(PRIOR ART)

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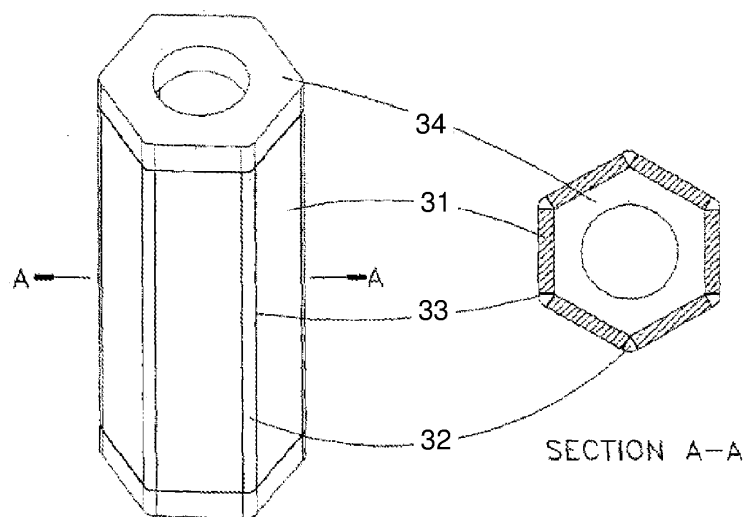


FIG. 2
(PRIOR ART)

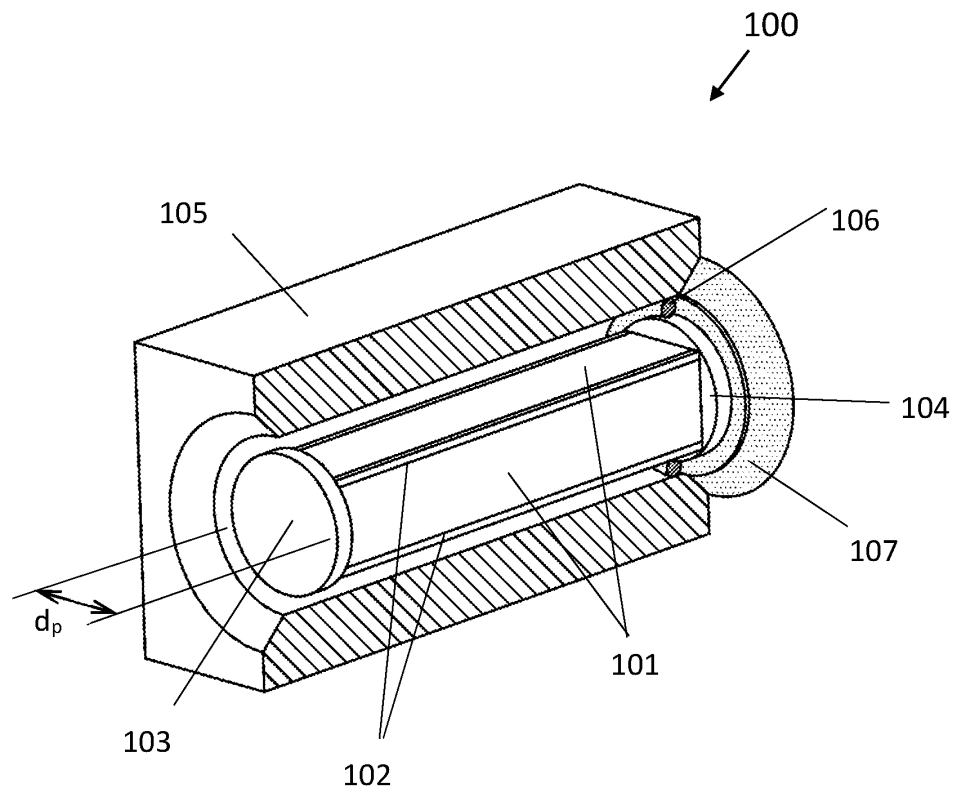


FIG. 3

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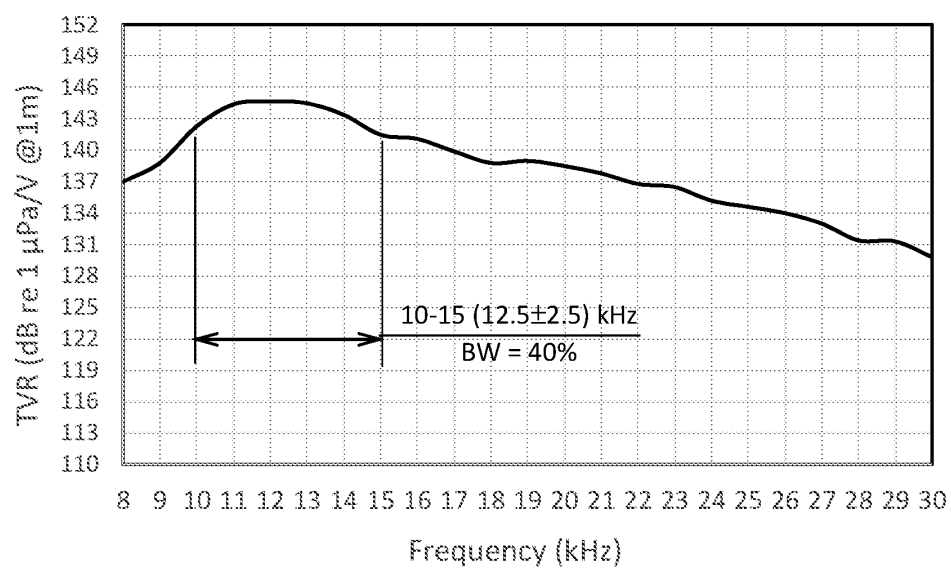


FIG. 4

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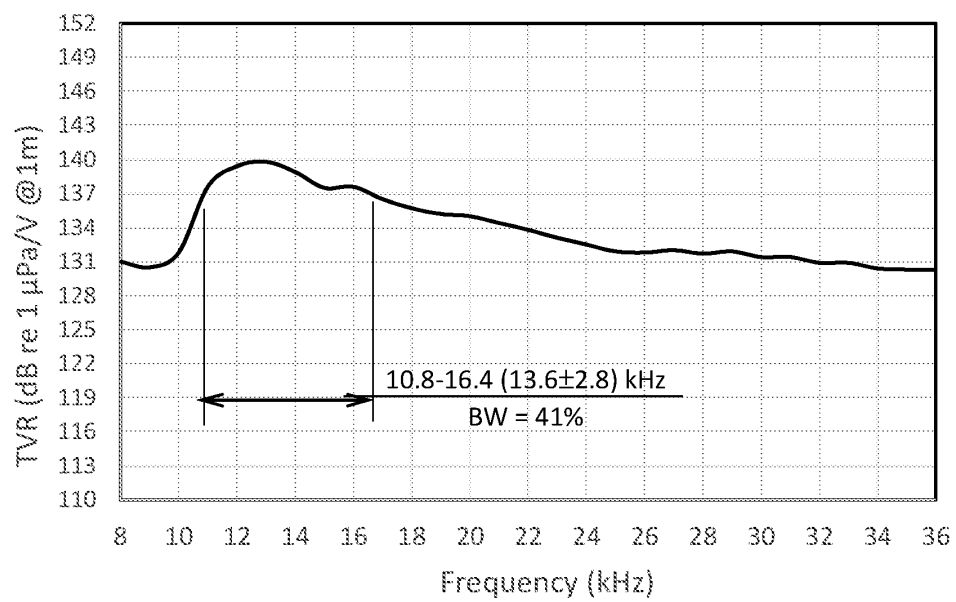


FIG. 5

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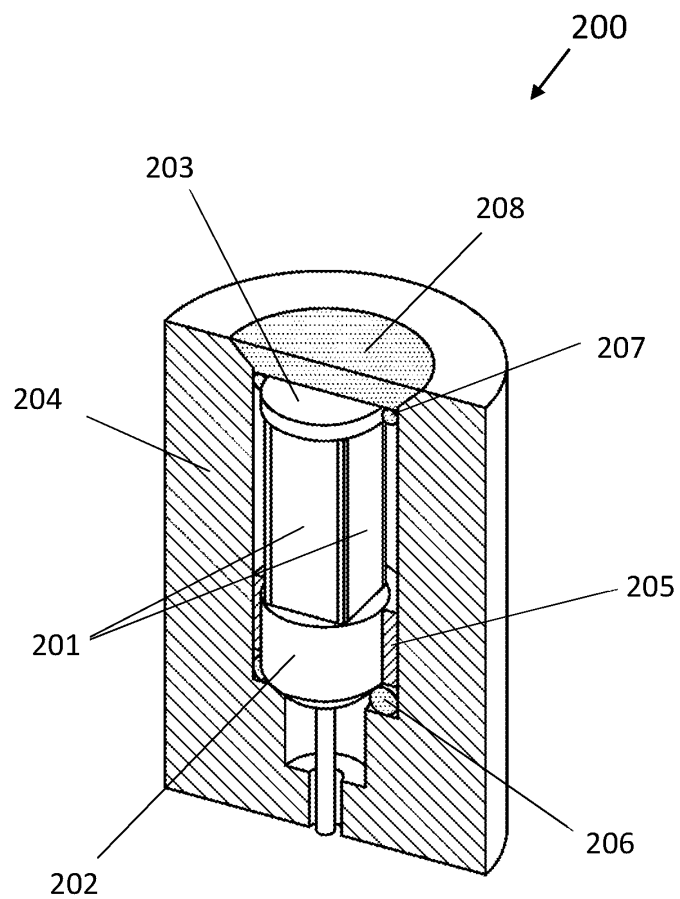


FIG. 6

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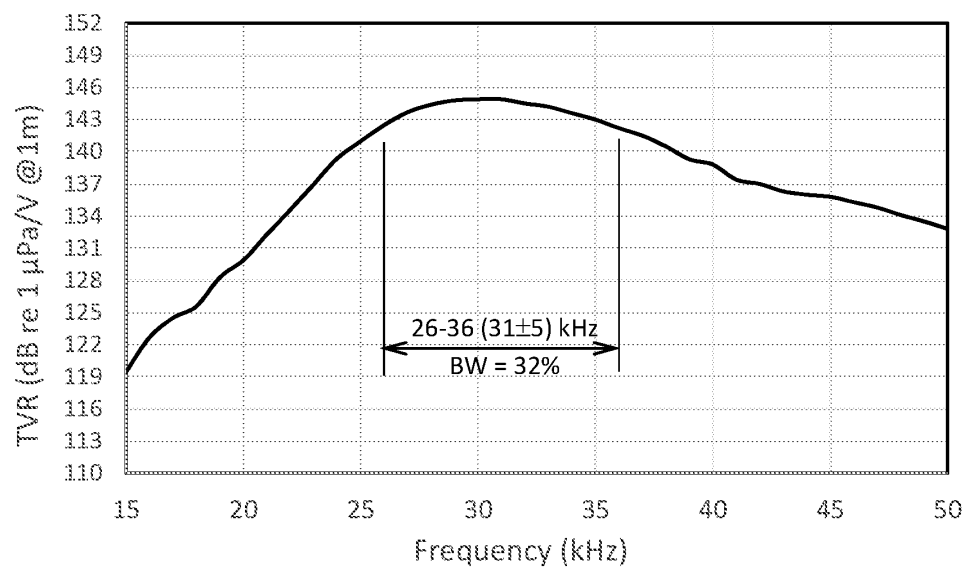


FIG. 7

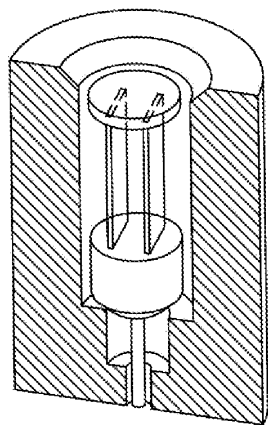


FIG. 8A

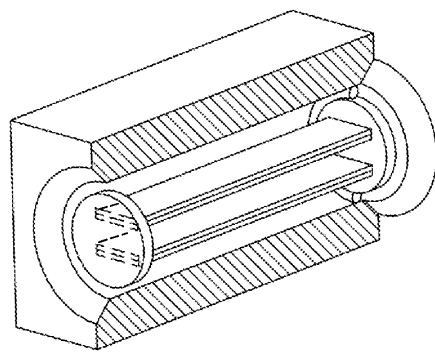


FIG. 8B

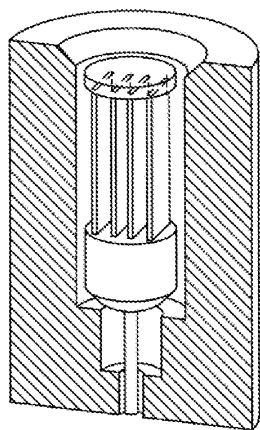


FIG. 8C

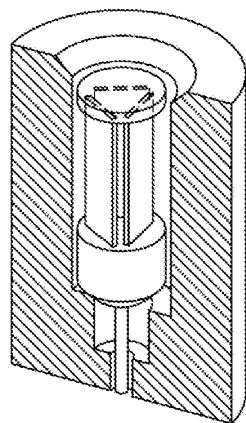


FIG. 8D

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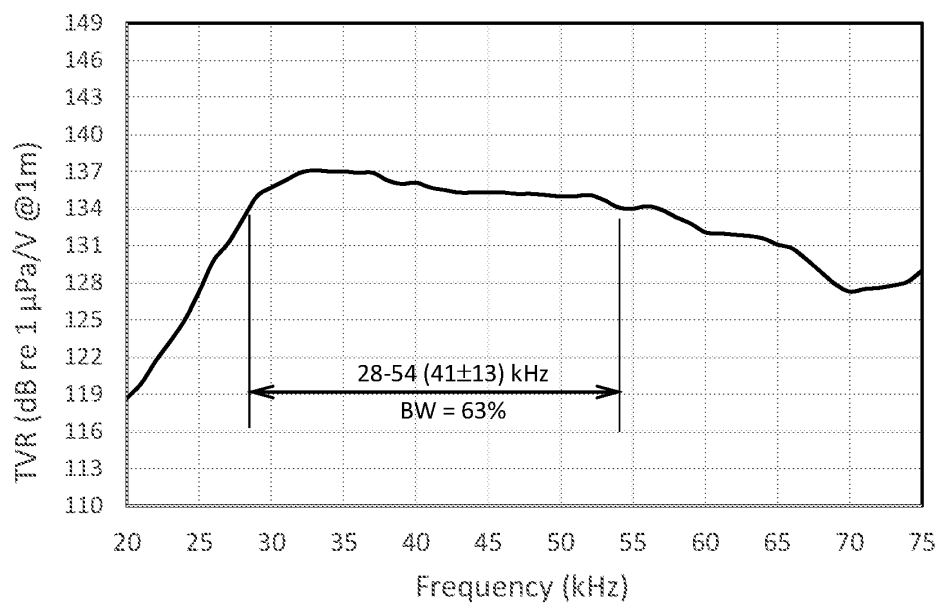


FIG. 9

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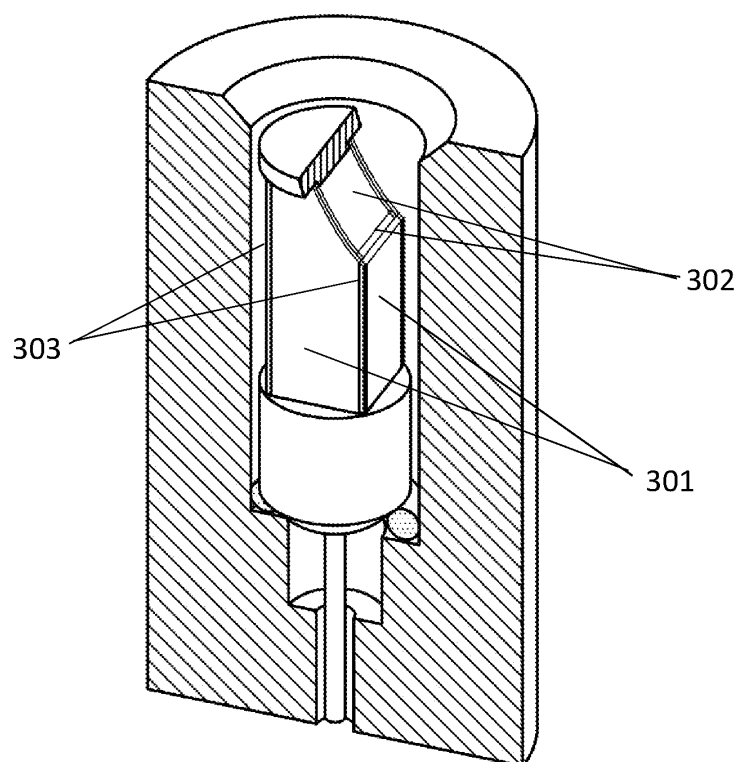


FIG. 10

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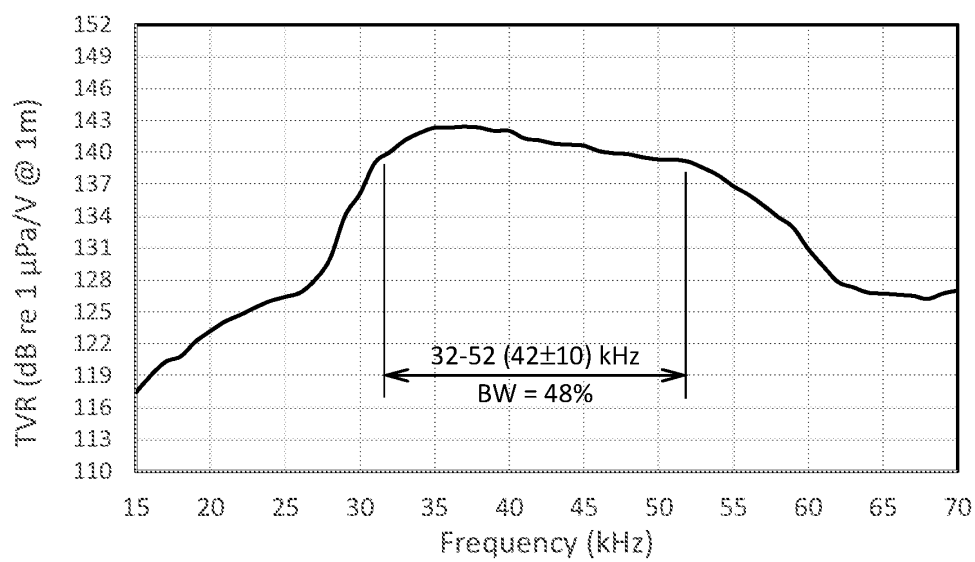


FIG. 11

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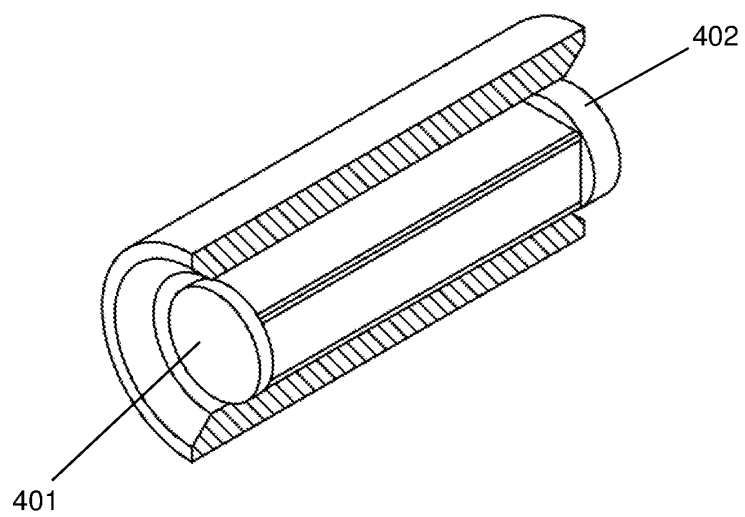


FIG. 12

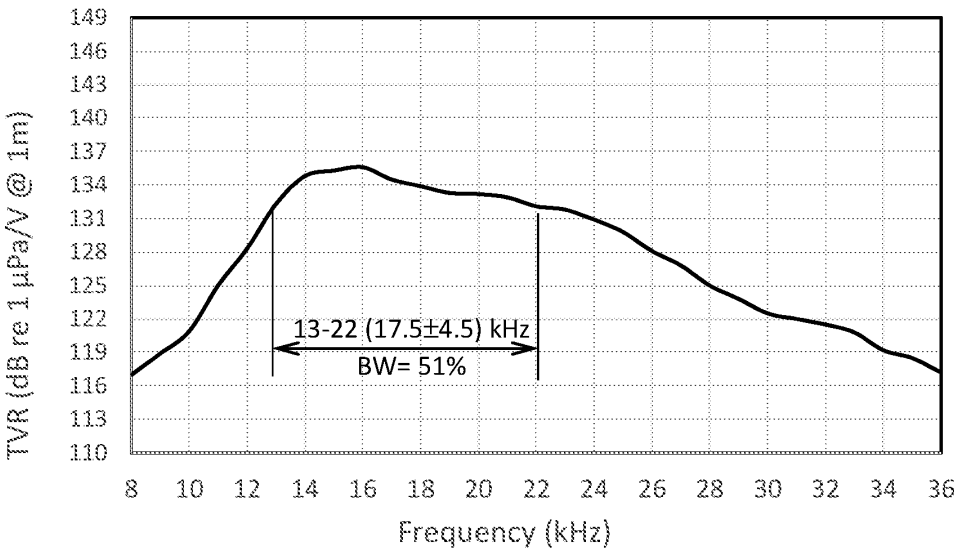


FIG. 13A

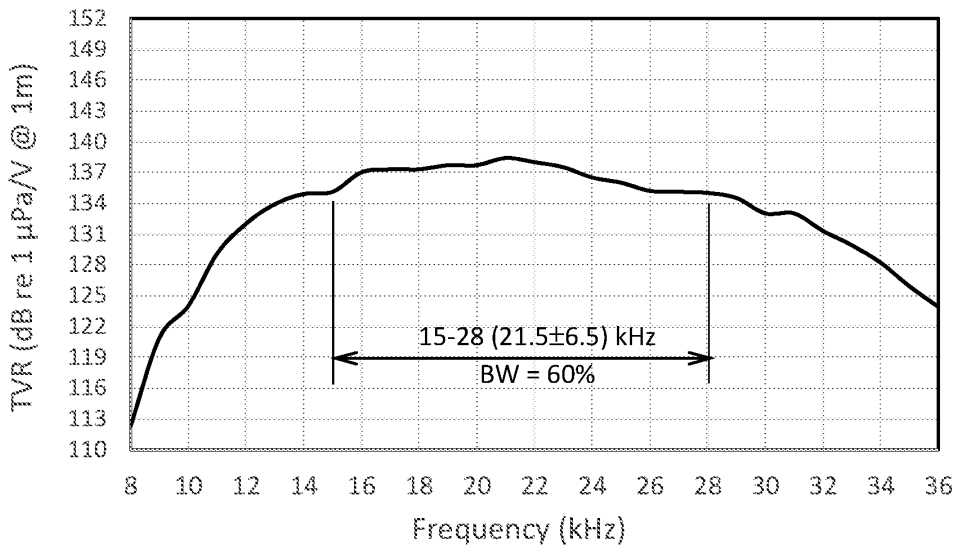


FIG. 13B

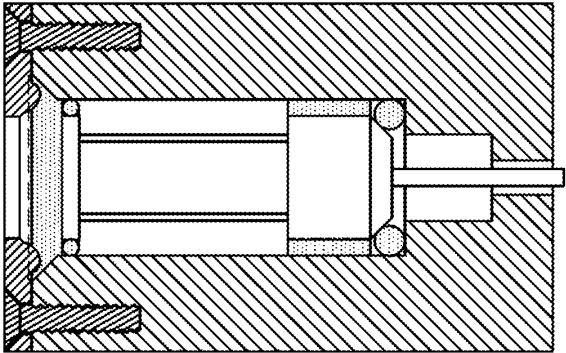


FIG. 14C

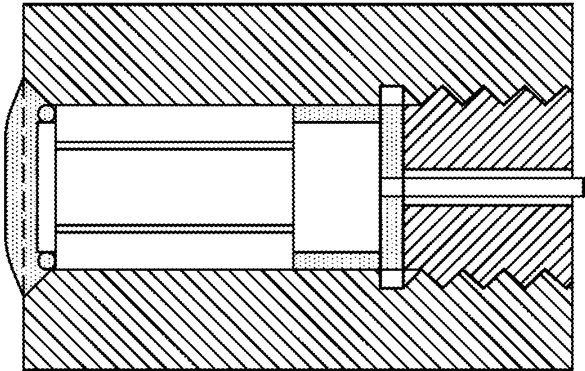


FIG. 14B

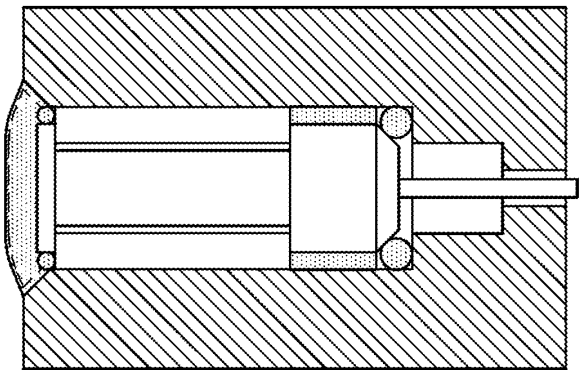


FIG. 14A

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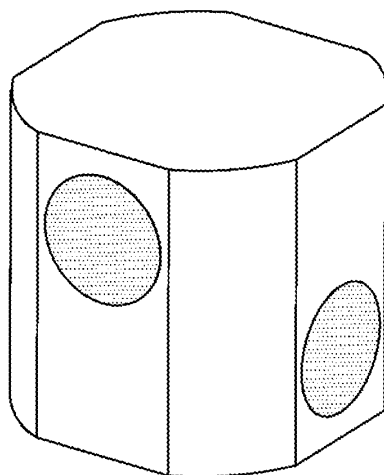


FIG. 15A

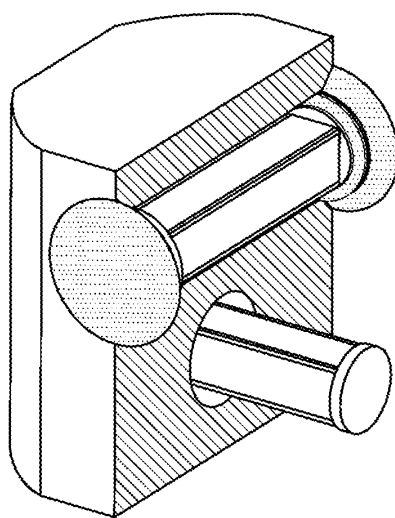


FIG. 15B

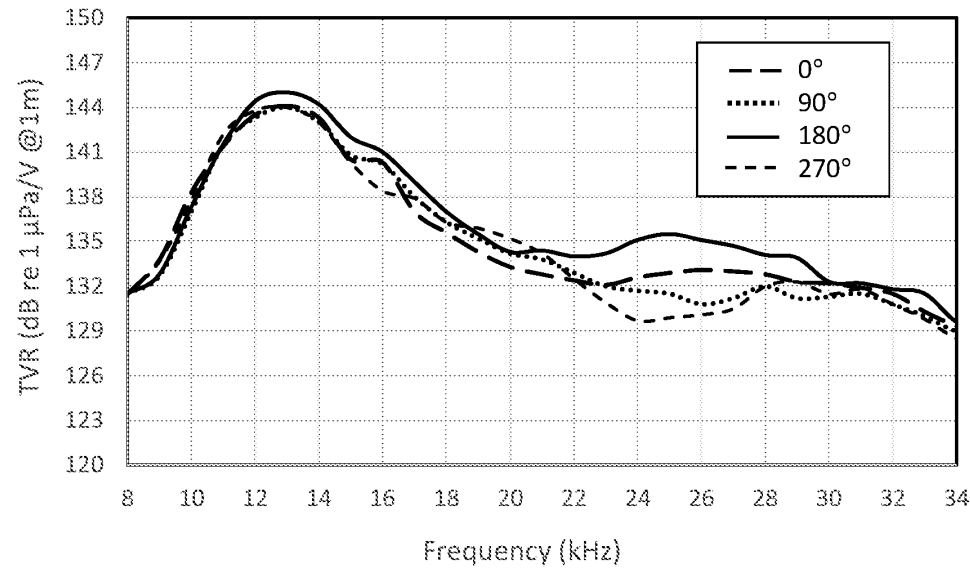


FIG. 16A

Horizontal Beam Pattern @ 13 kHz

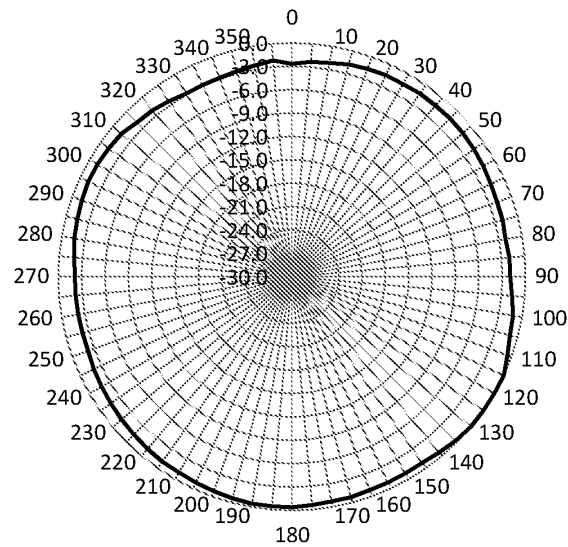


FIG. 16B

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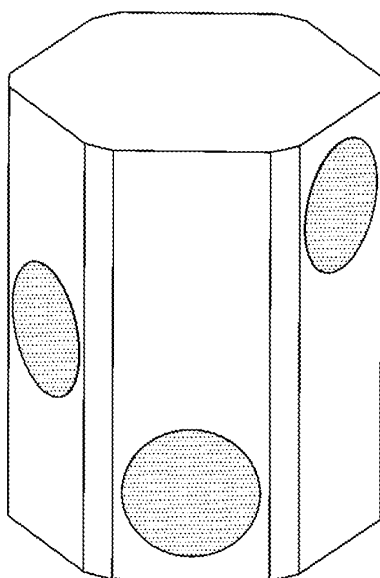


FIG. 17A

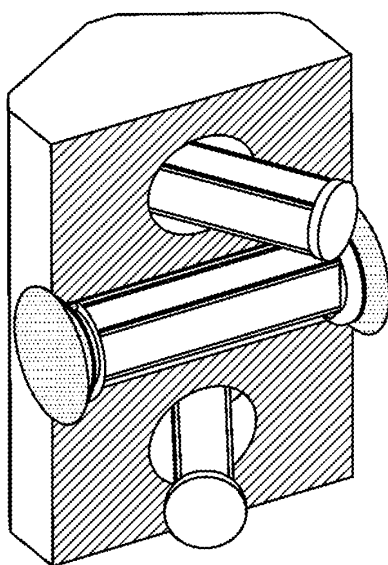


FIG. 17B

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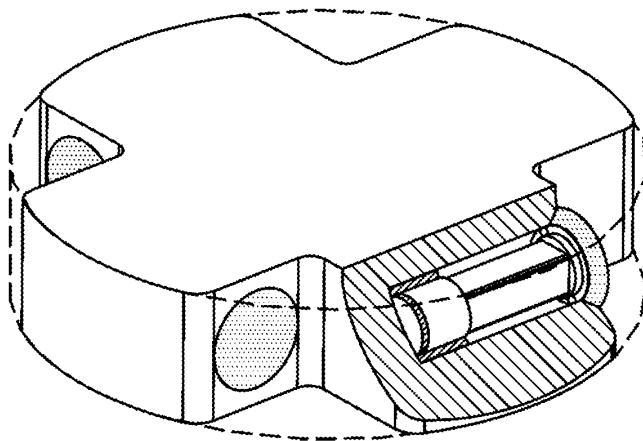


FIG. 18A

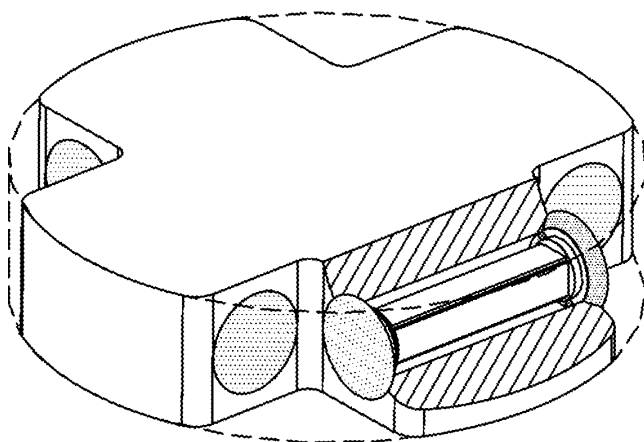


FIG. 18B

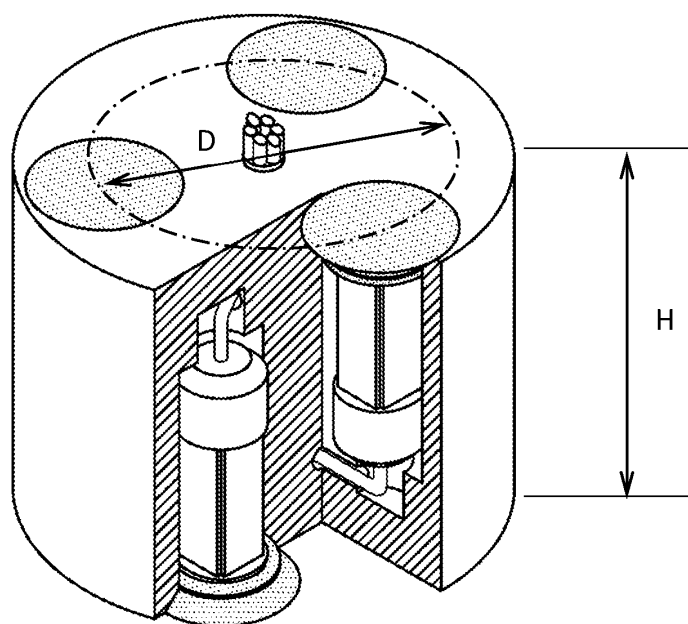


FIG. 19

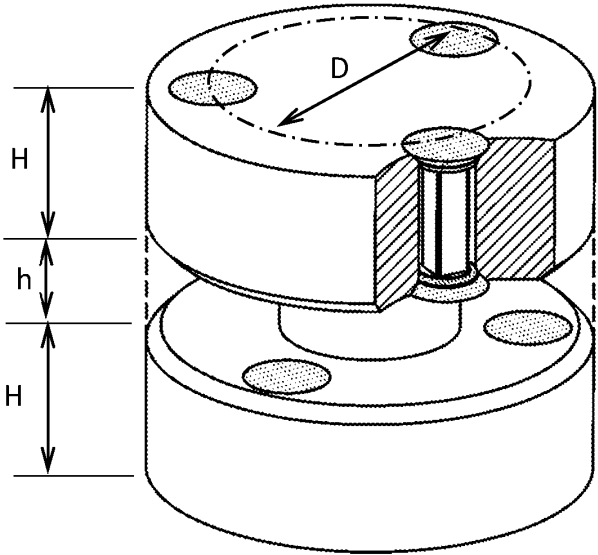


FIG. 20A

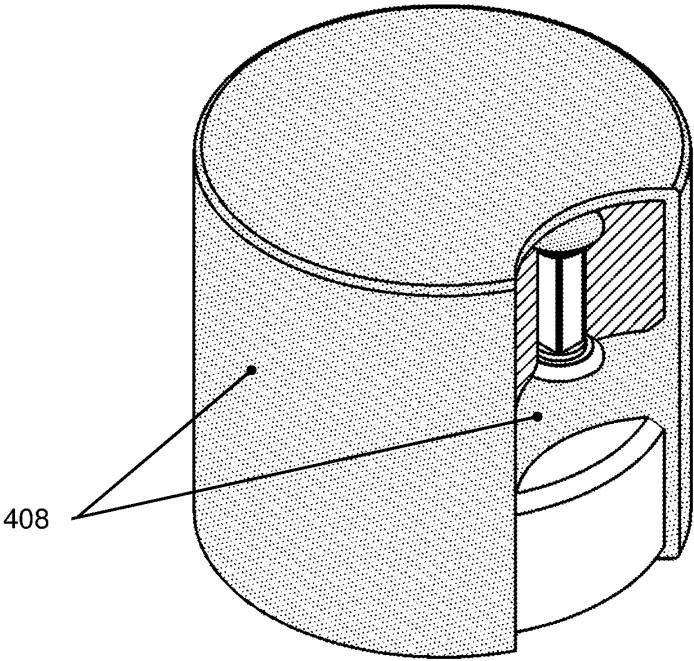


FIG. 20B

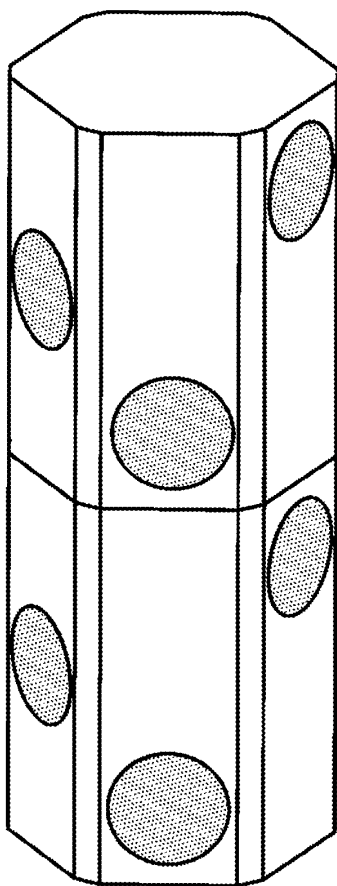


FIG. 21

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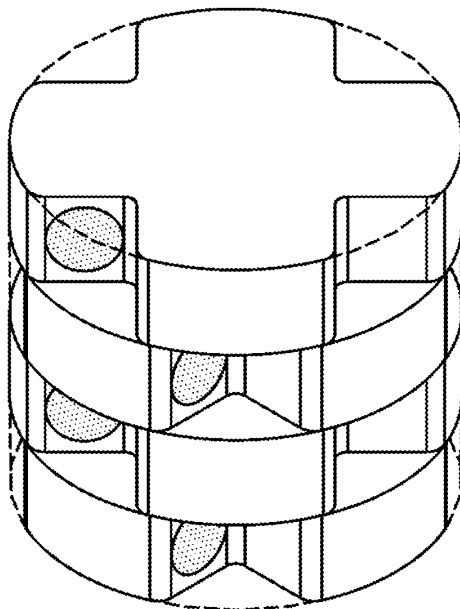


FIG. 22A

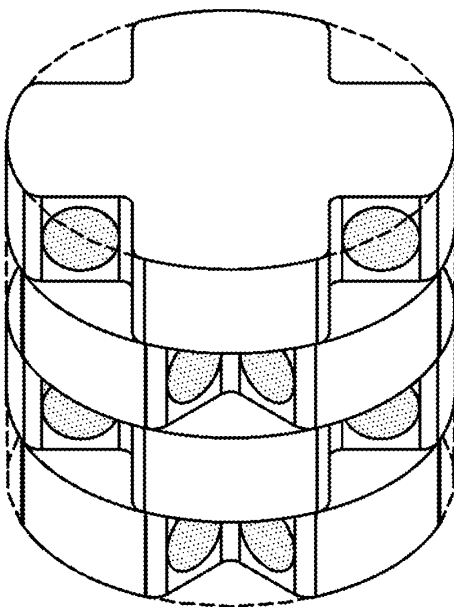


FIG. 22B

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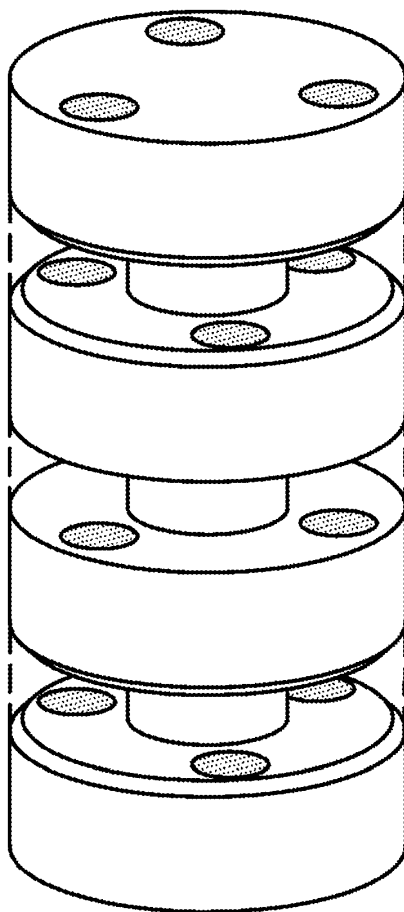


FIG. 23

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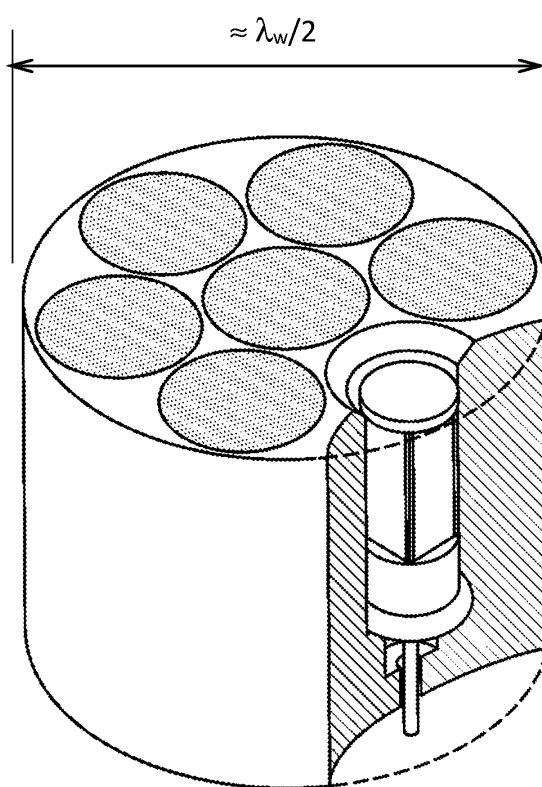


FIG. 24

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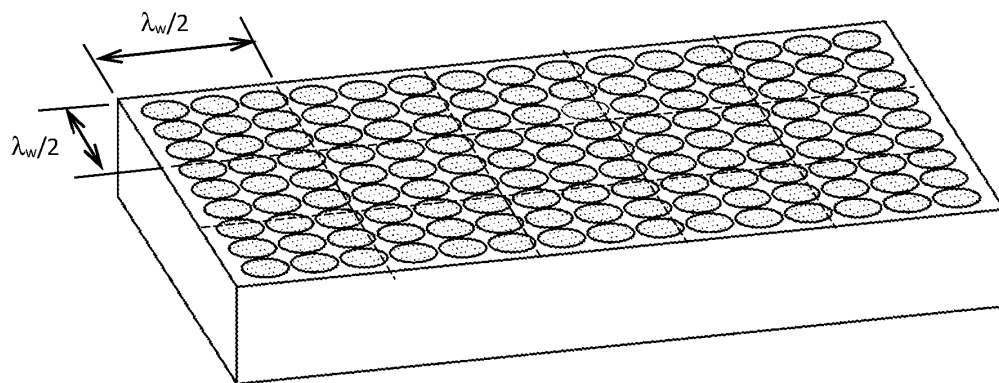


FIG. 25

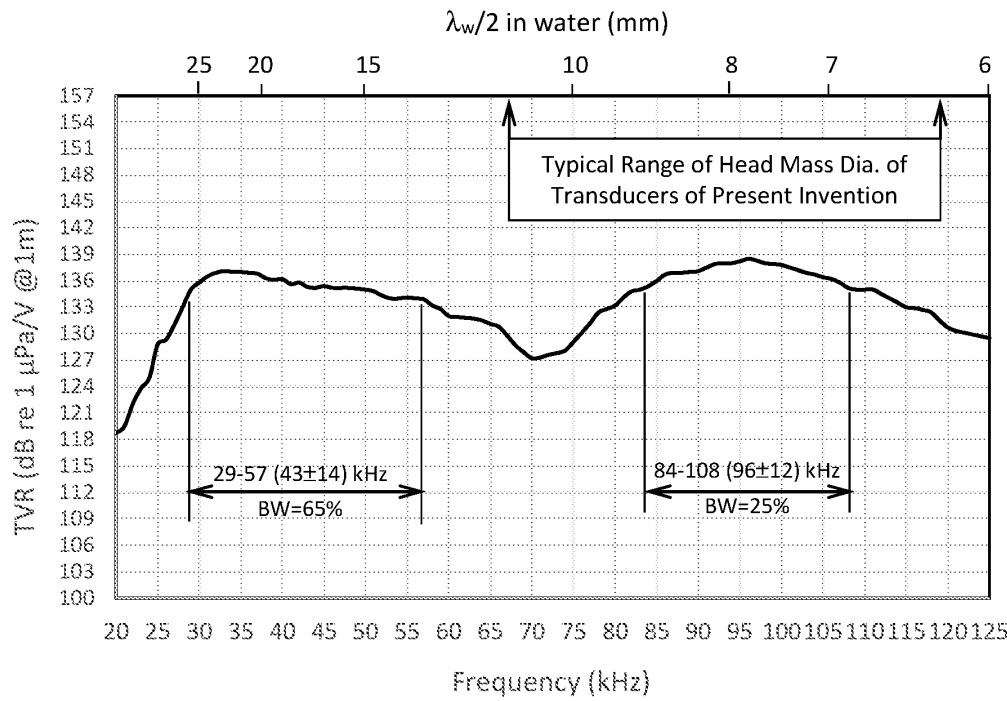


FIG. 26

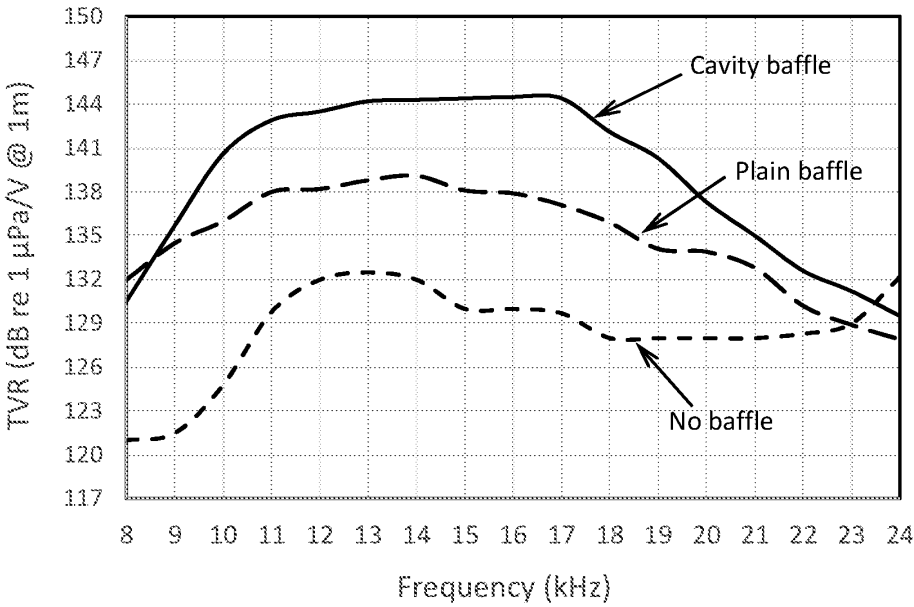


FIG. 27

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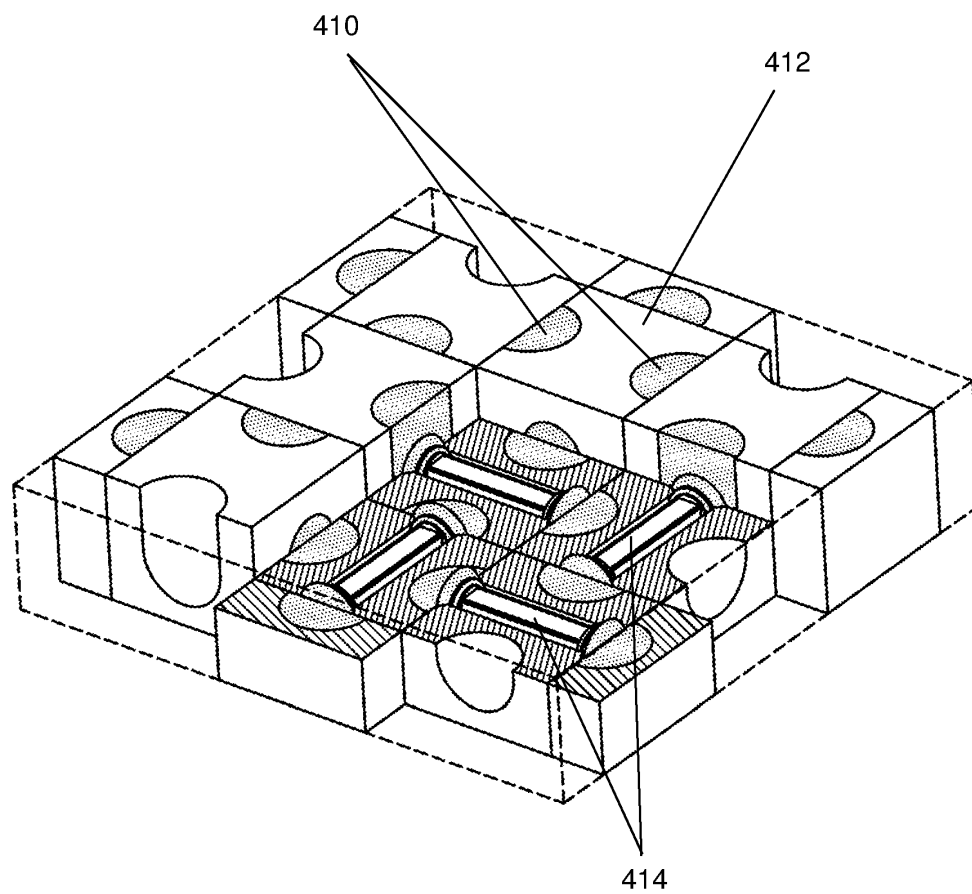


FIG. 28

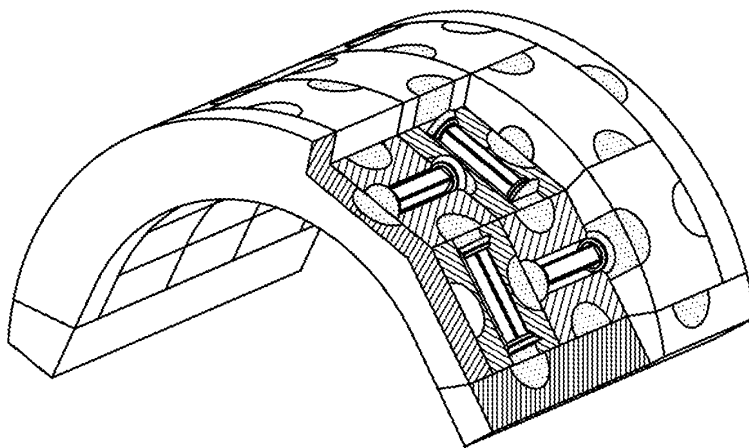


FIG. 29A

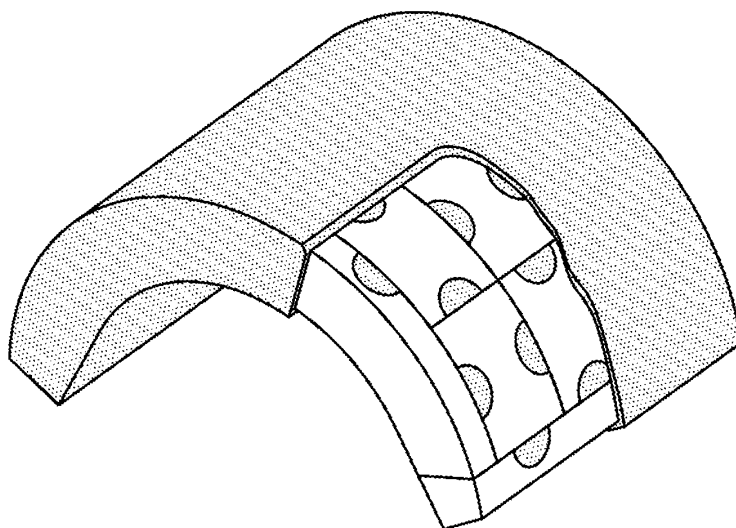


FIG. 29B