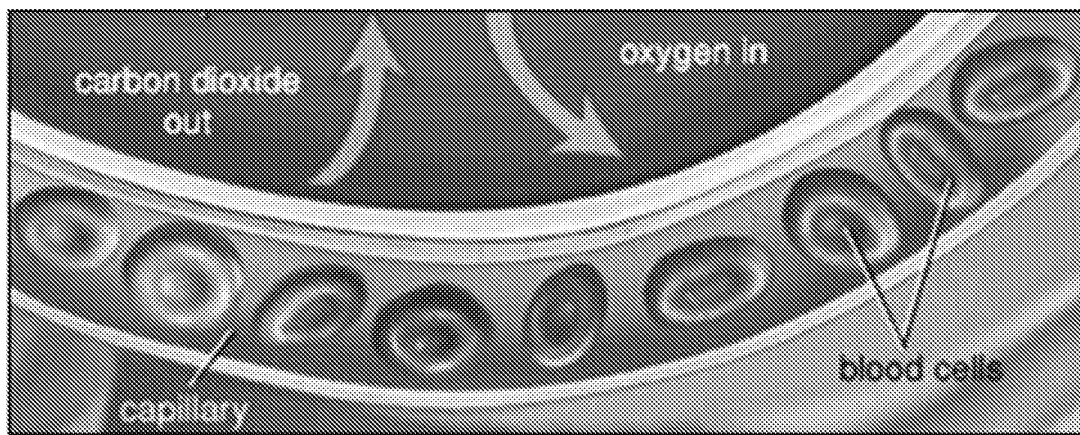




Natural Lung

FIG. 1

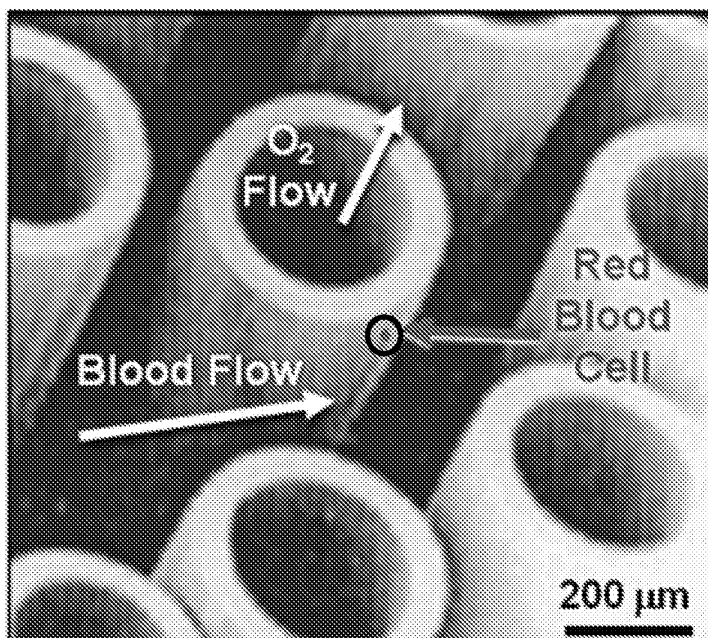


FIG. 2A

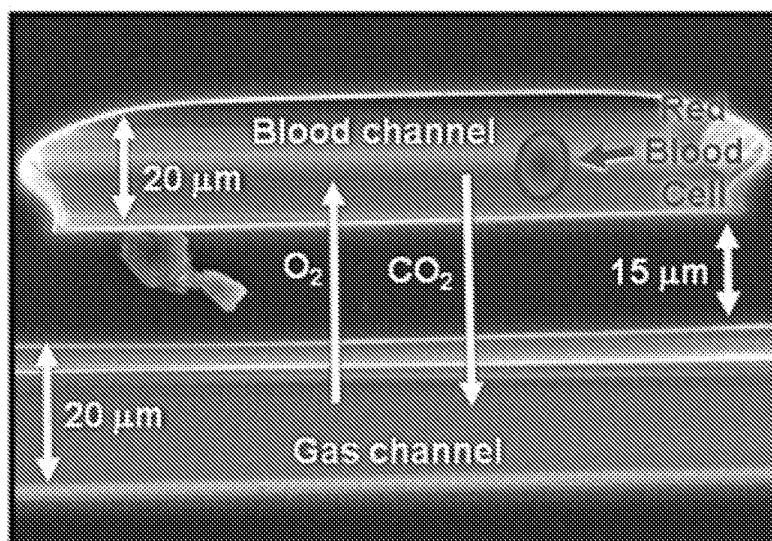
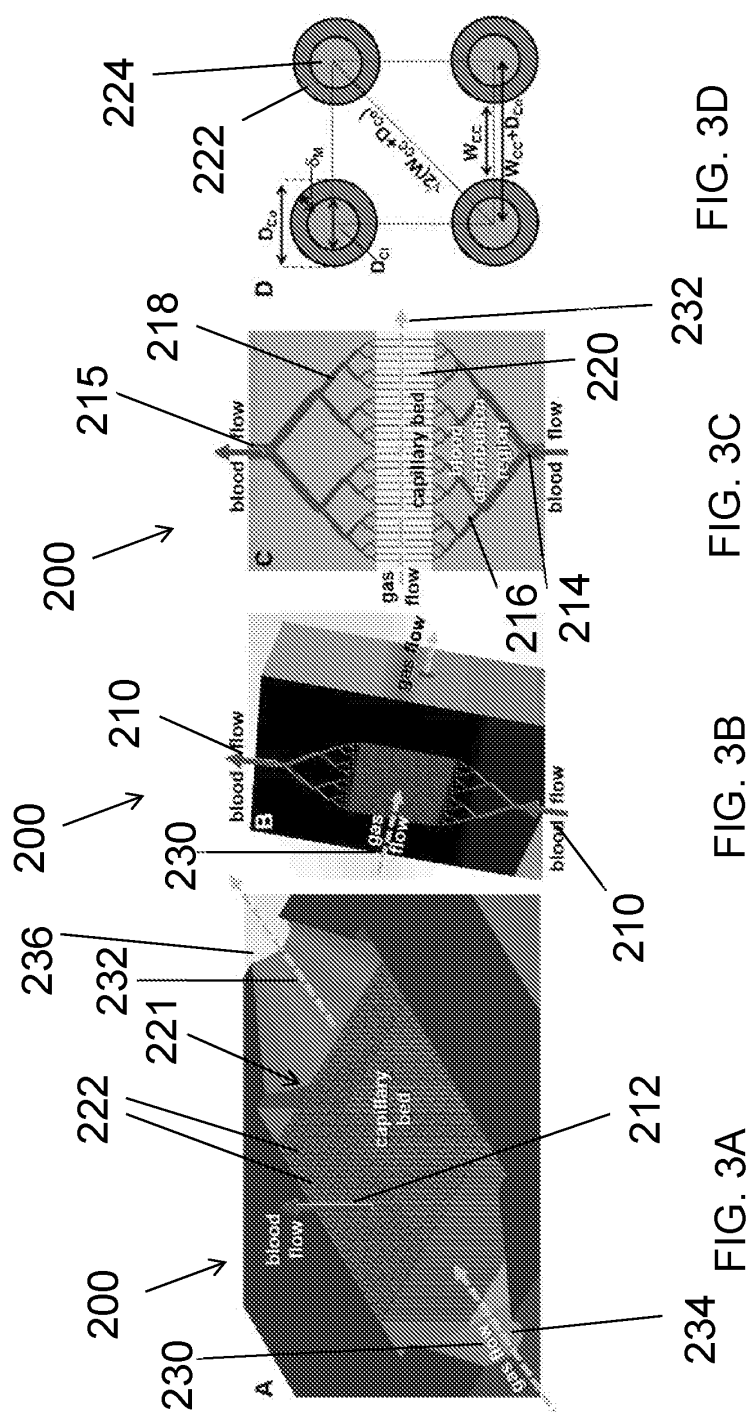
Conventional Artificial Lung

FIG. 2B

Microchannel Artificial Lung



234 FIG. 3A

FIG. 3B

FIG. 3C

FIG. 3D

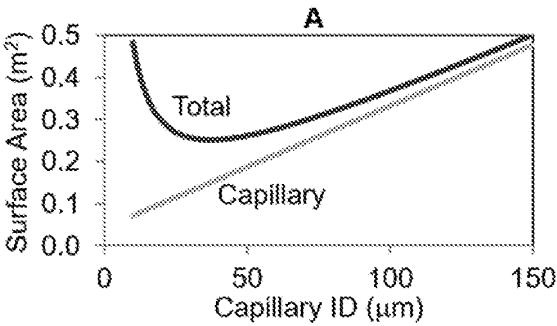


FIG. 4A

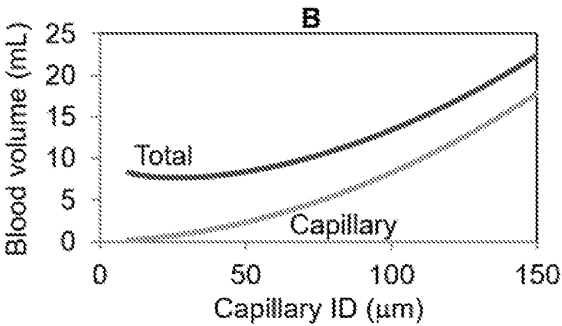


FIG. 4B

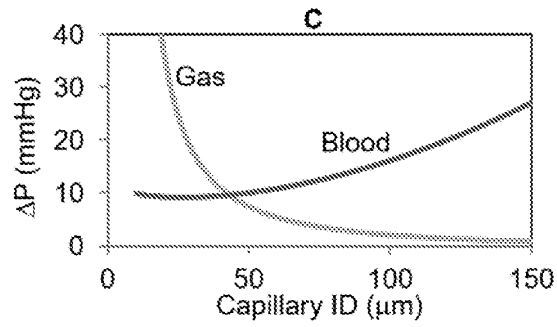


FIG. 4C

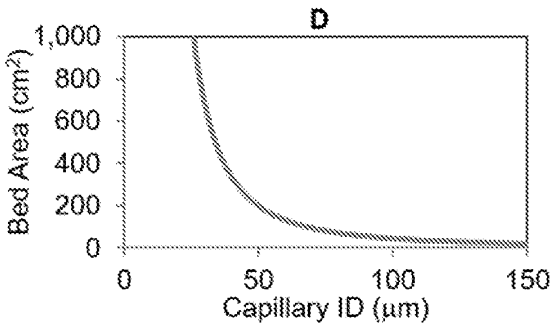


FIG. 4D

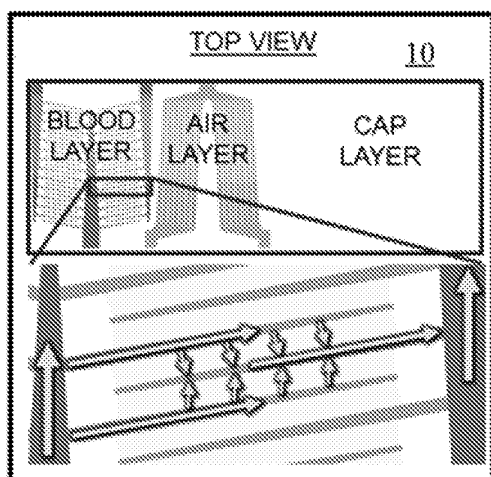


FIG. 5A

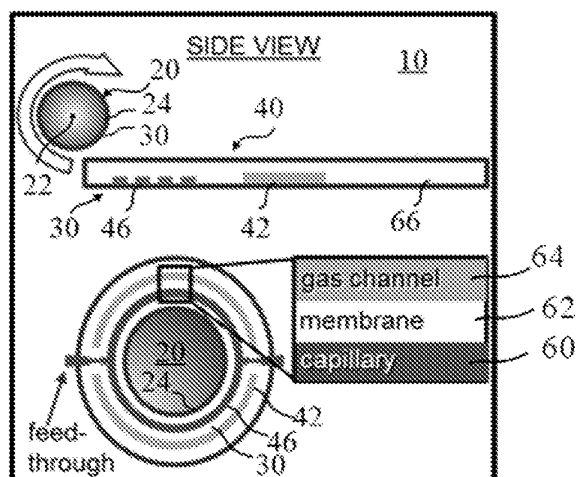


FIG. 5B

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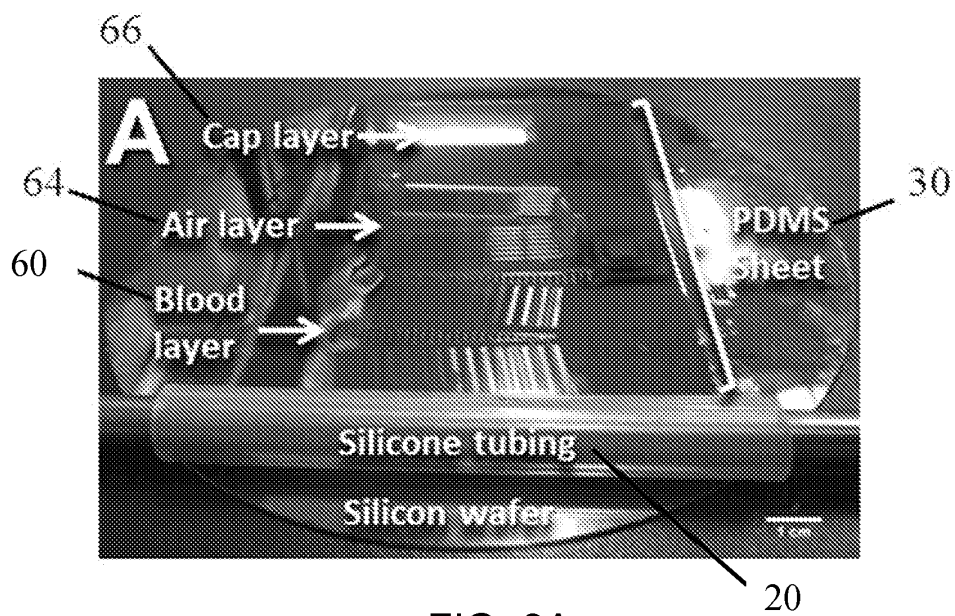


FIG. 6A

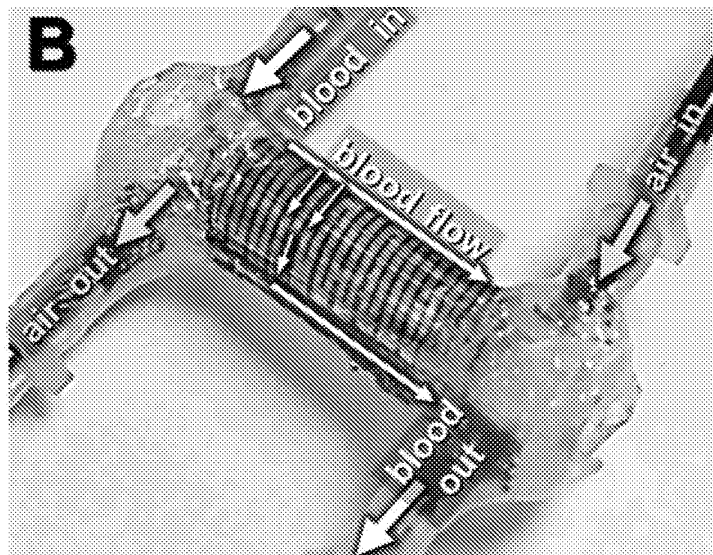


FIG. 6B

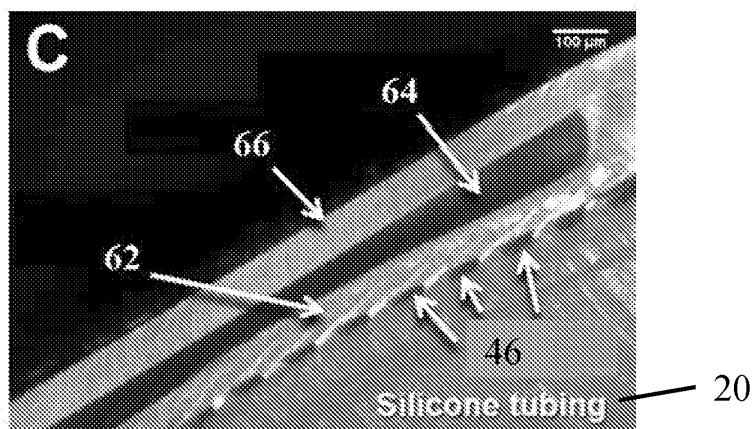


FIG. 6C

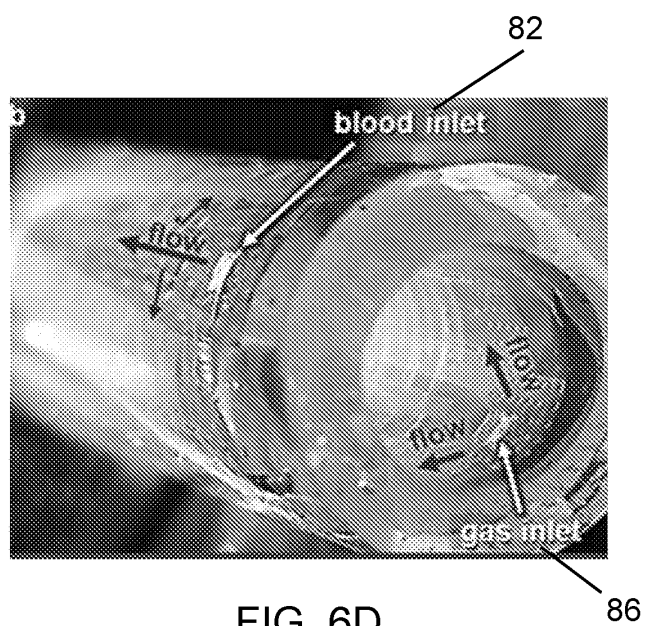


FIG. 6D

FIG. 7A

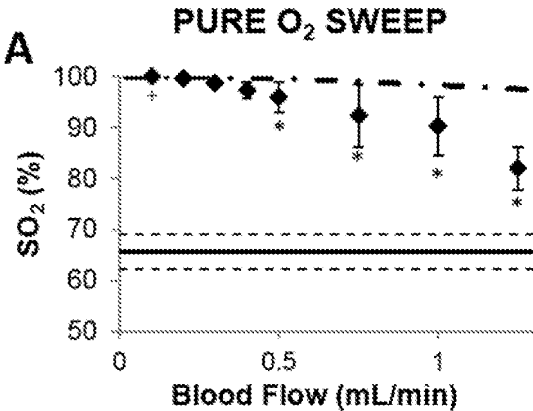


FIG. 7B

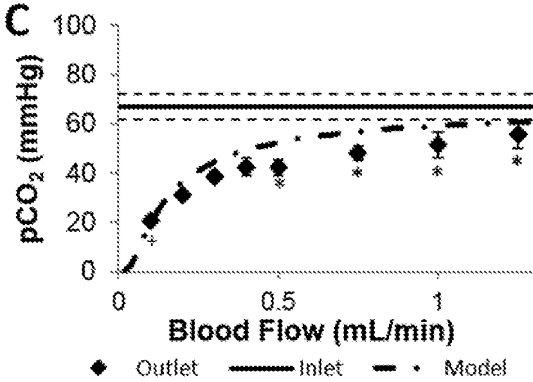
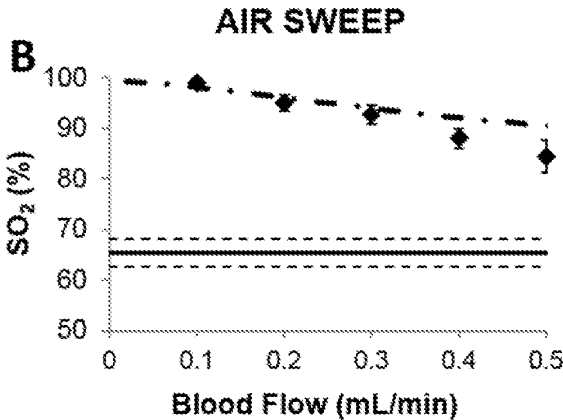


FIG. 7C

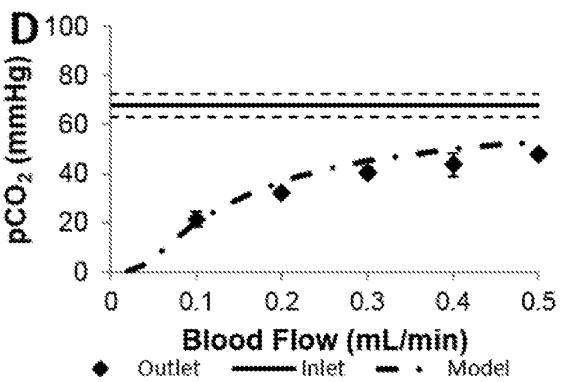


FIG. 7D

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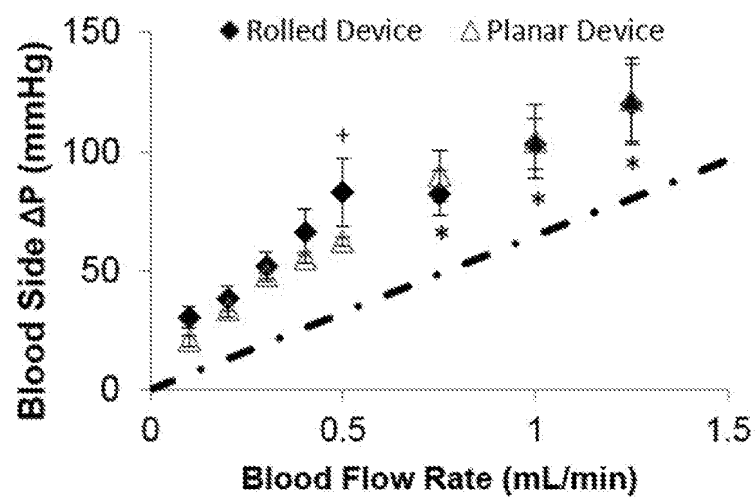


FIG. 8

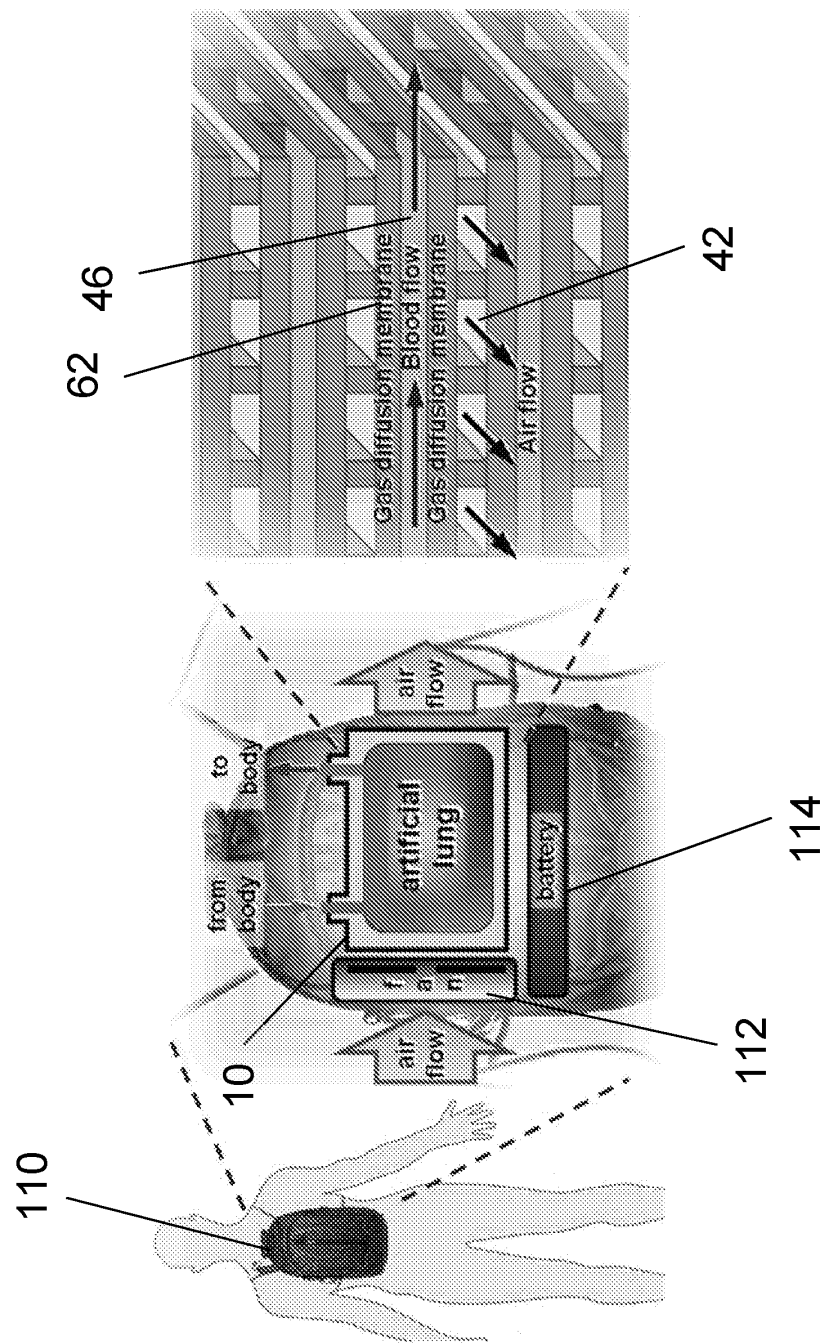


FIG. 9

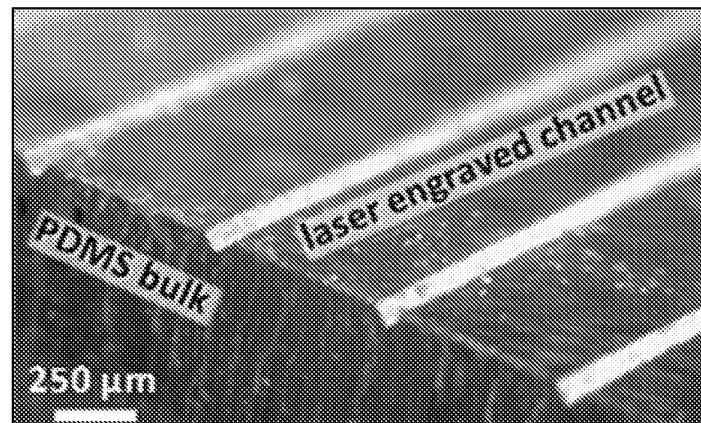
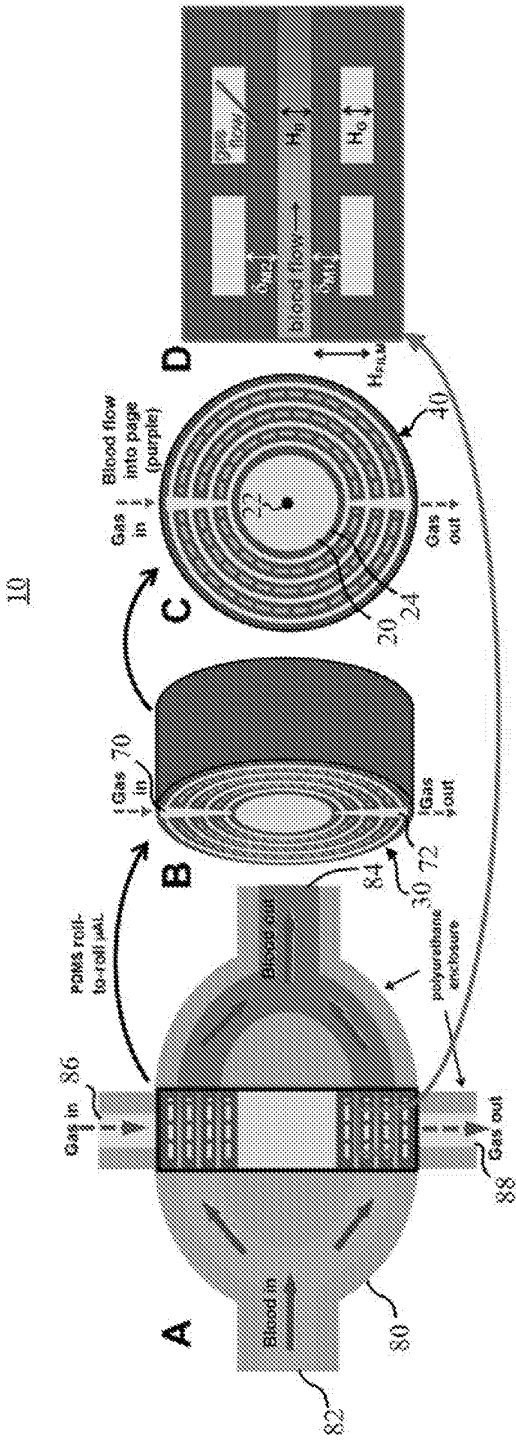


FIG. 10



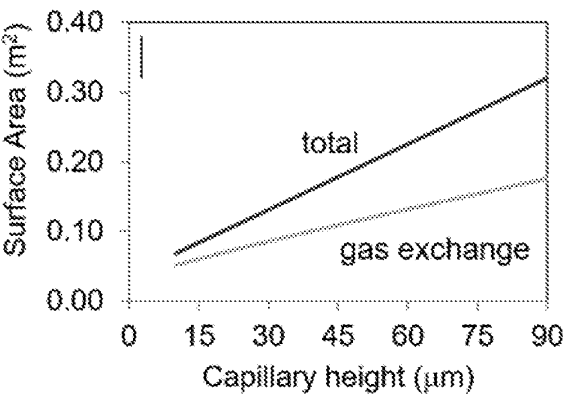


FIG. 11E

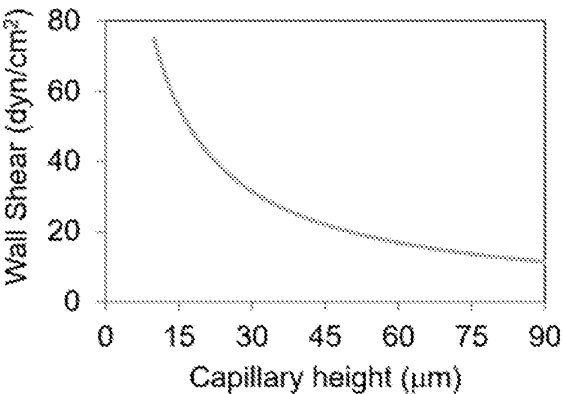


FIG. 11F

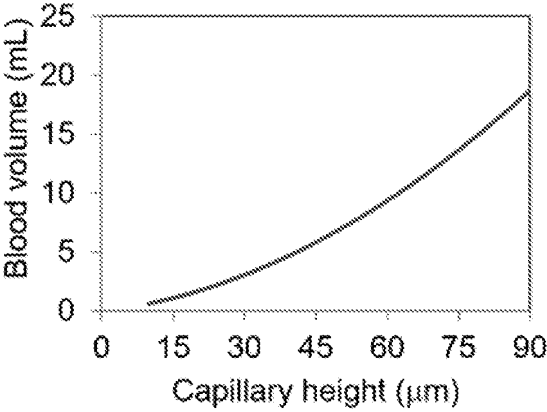


FIG. 11G

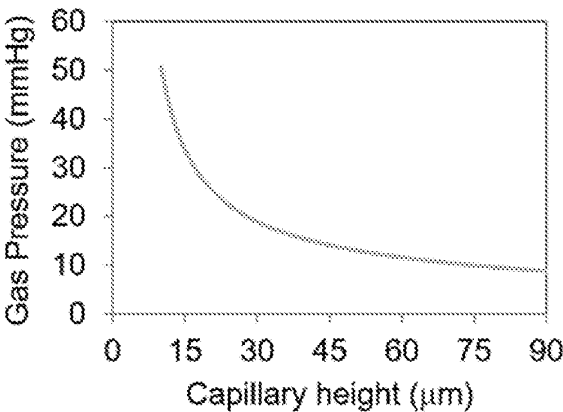


FIG. 11H

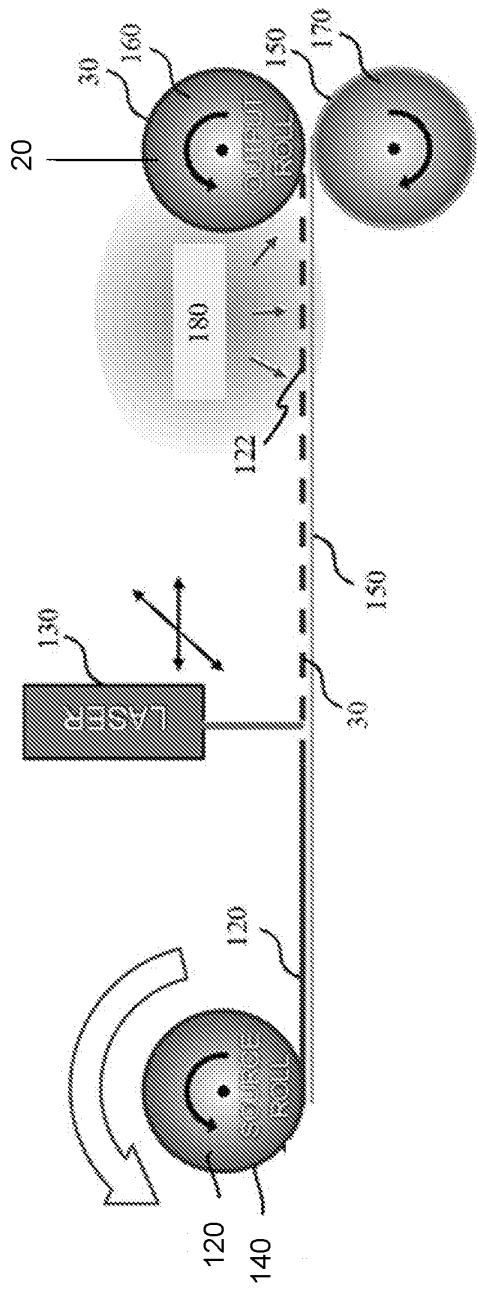


FIG. 12

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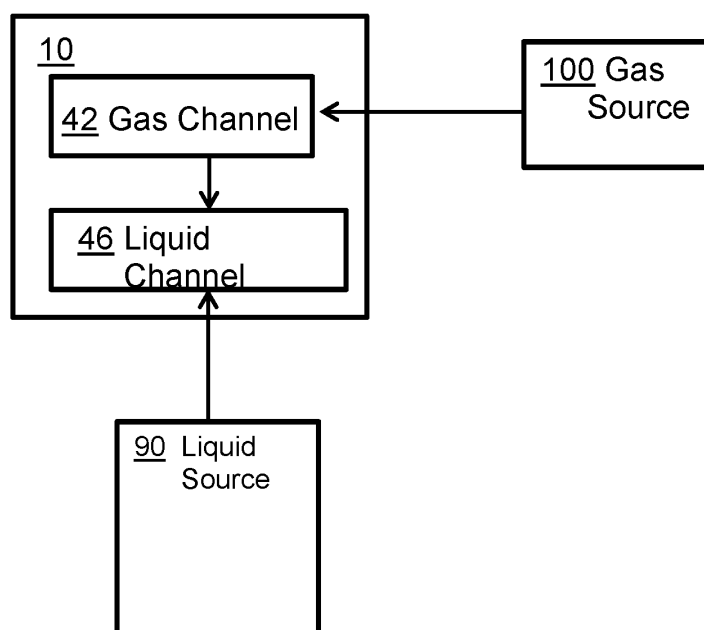


FIG. 13