

1/25

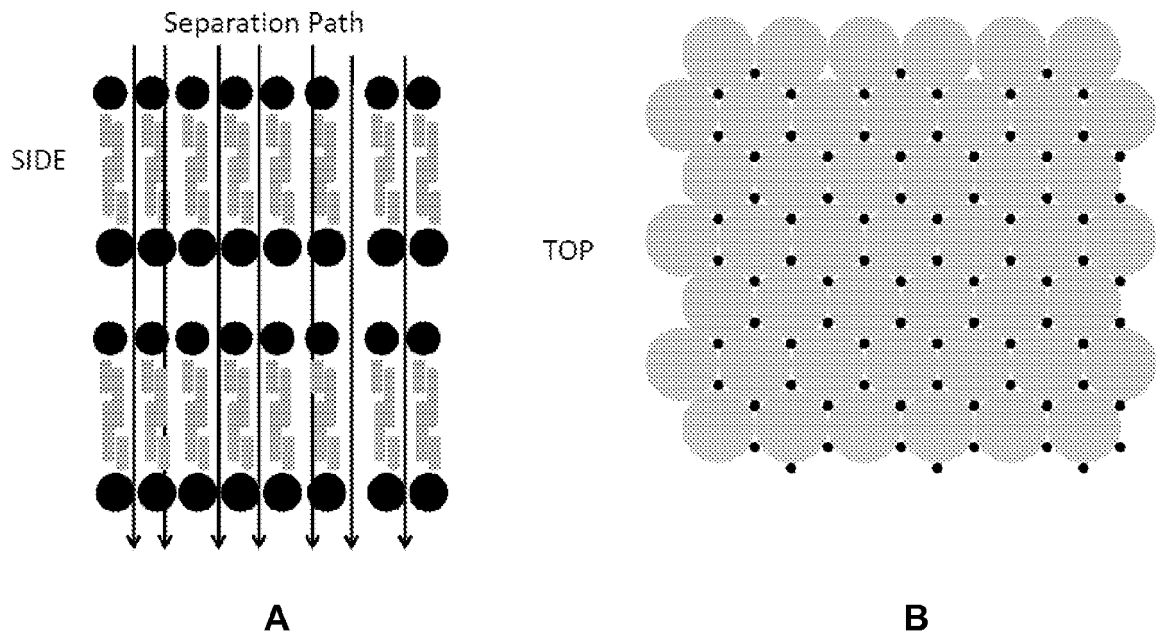


FIG. 1

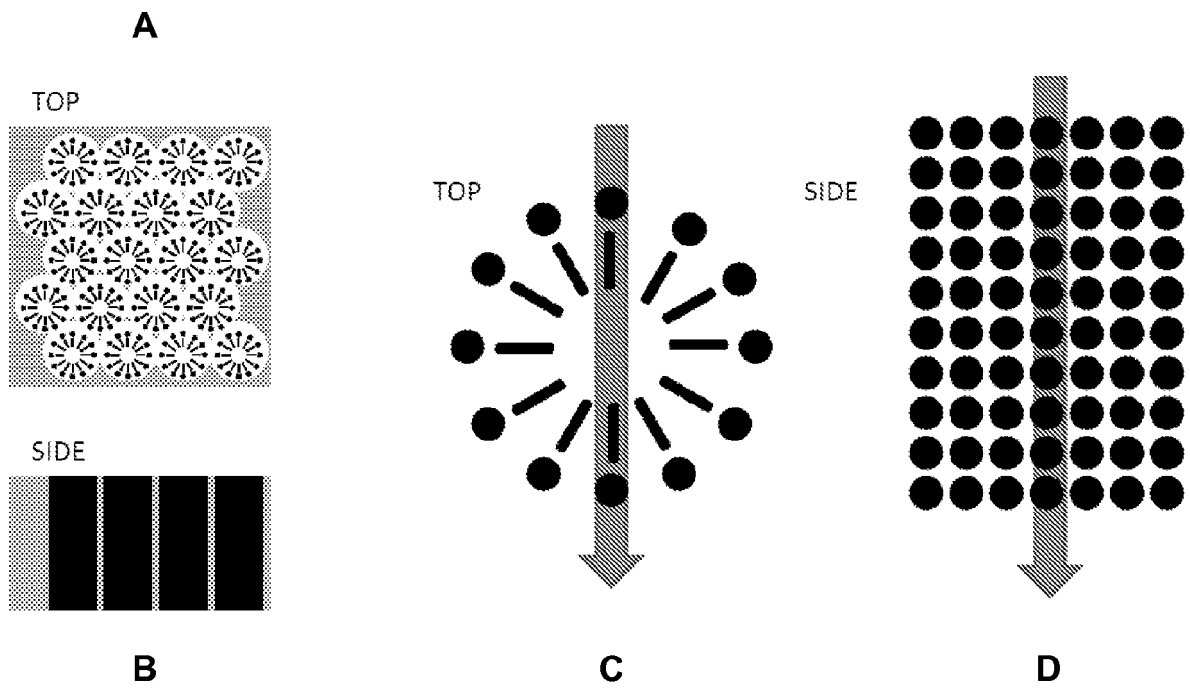


FIG. 2

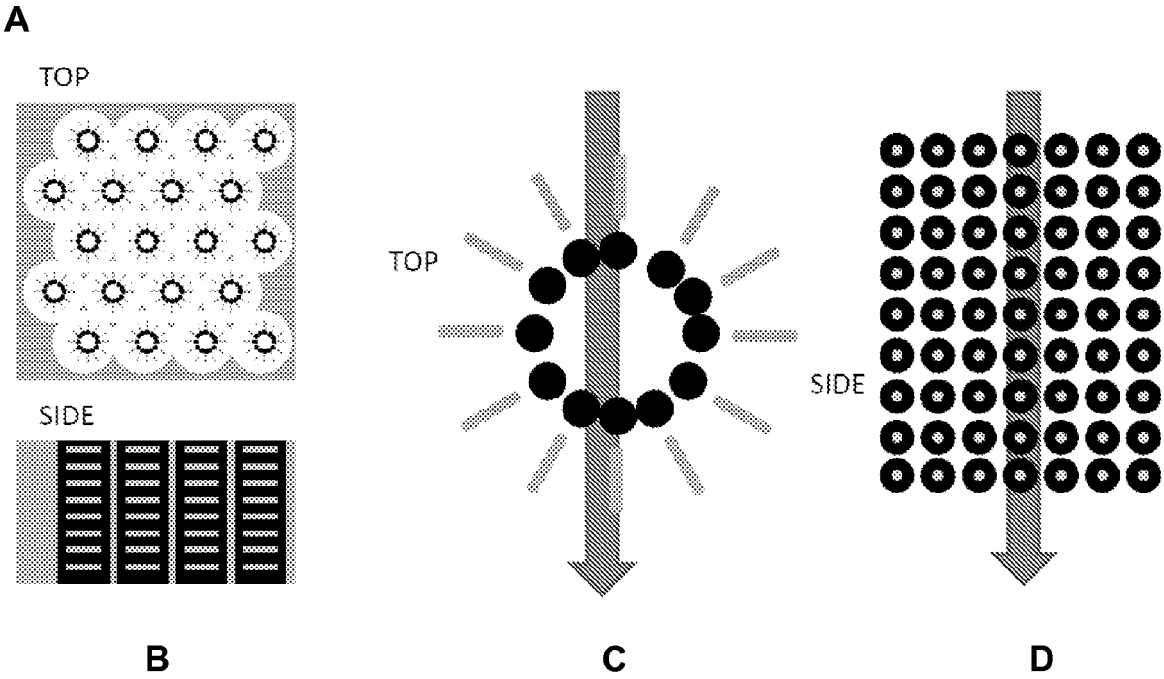


FIG. 3

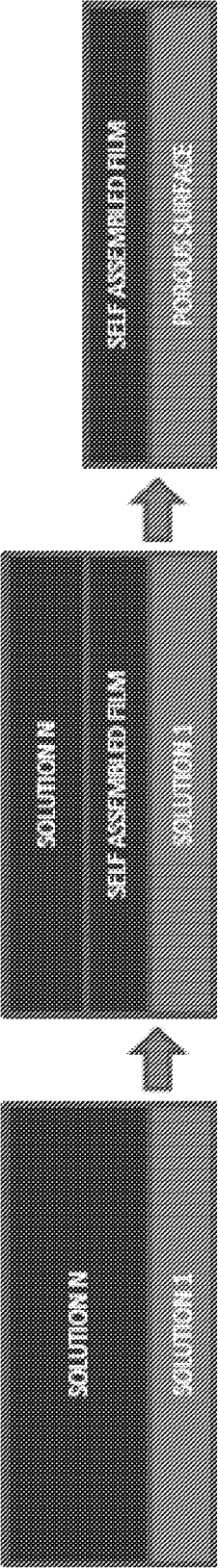


FIG. 4

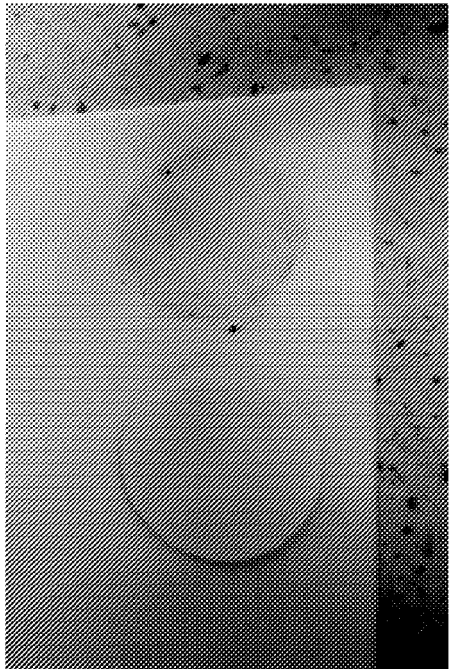
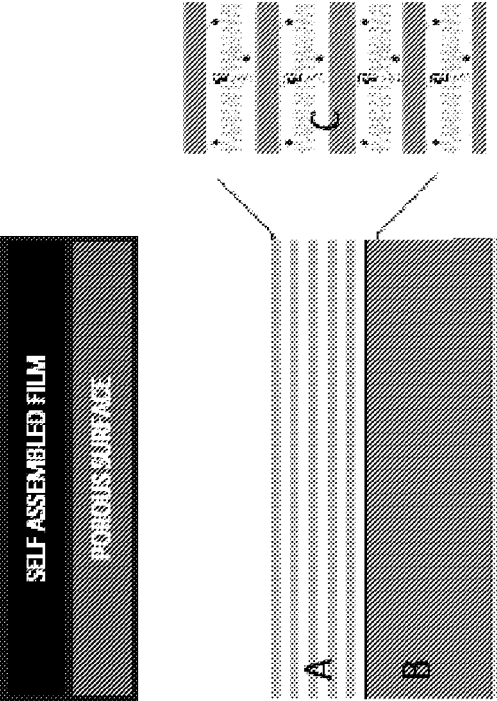
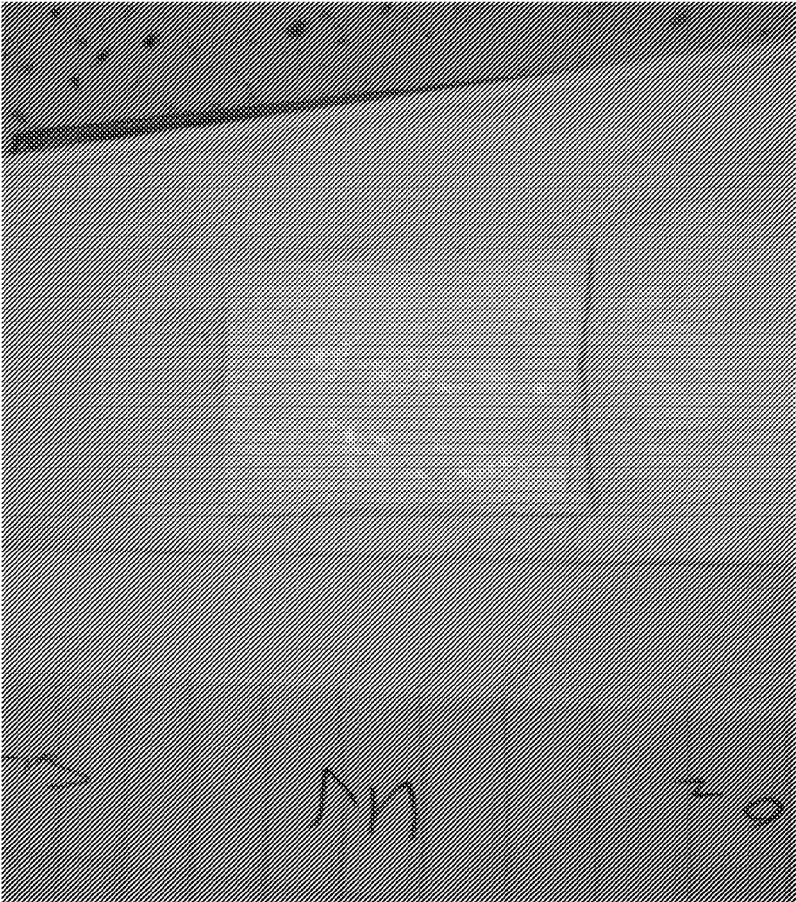


FIG. 5

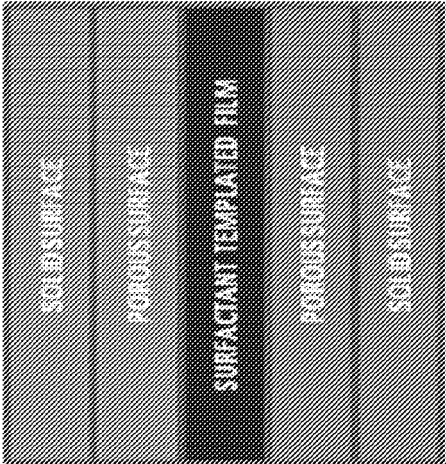


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B

FIG. 6



A

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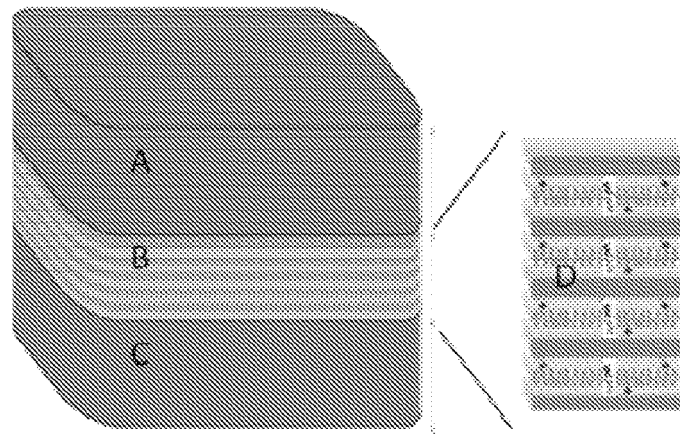
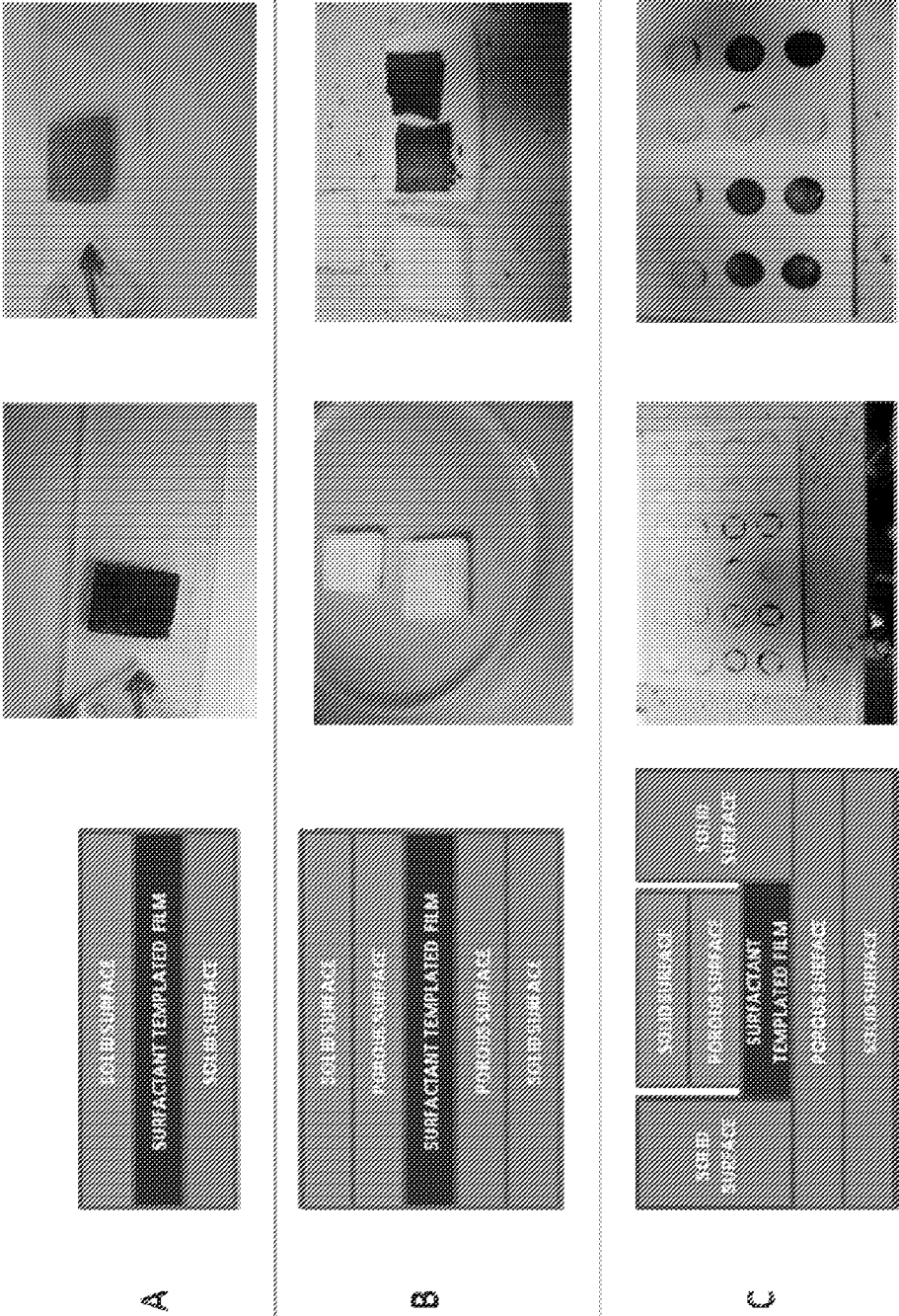


FIG. 7

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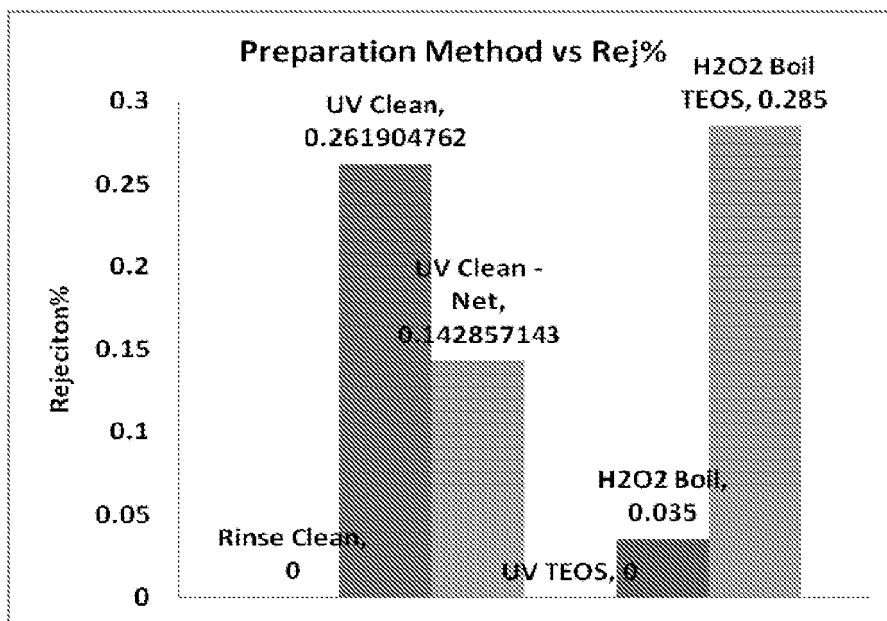
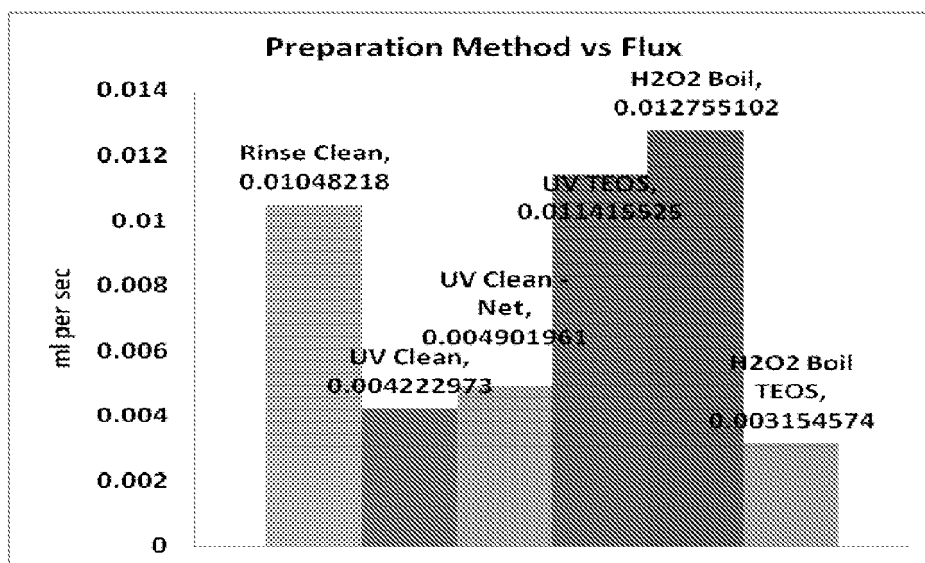


FIG. 9A

FIG.
9B

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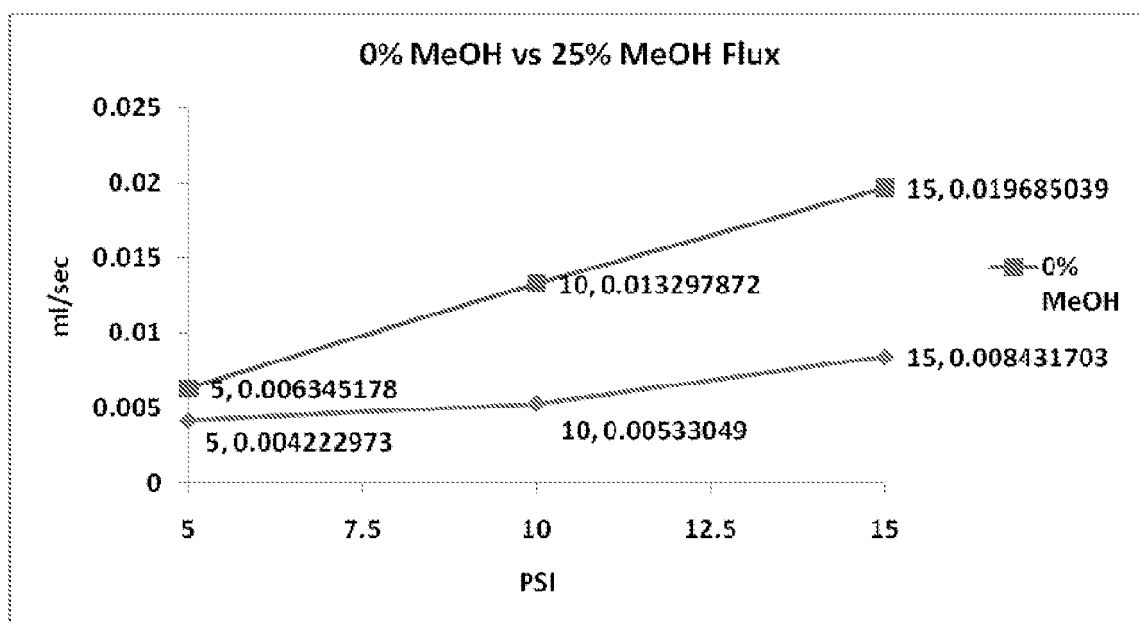
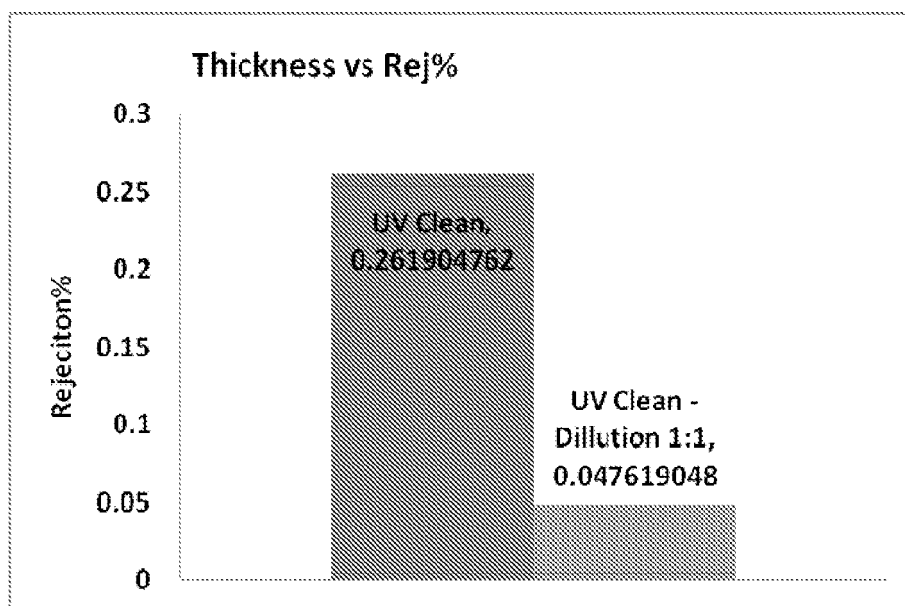
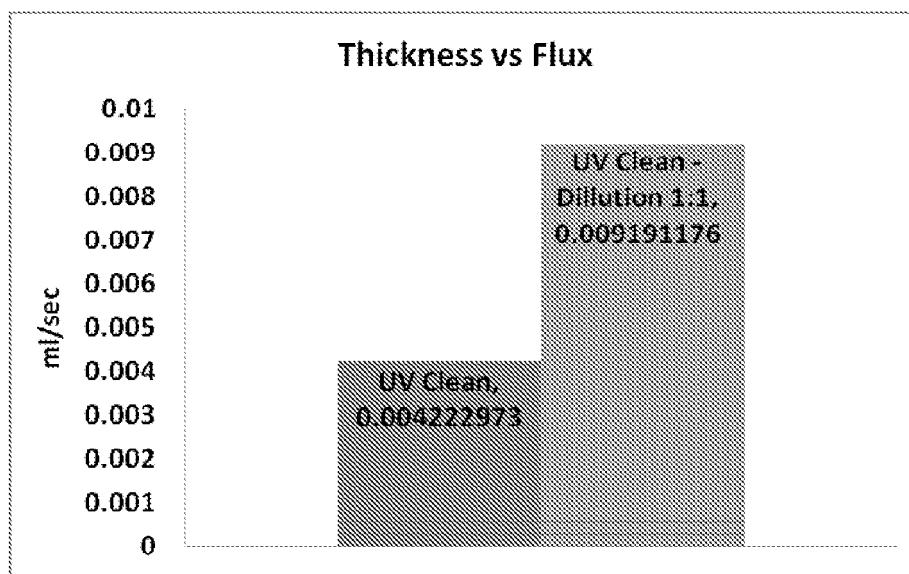
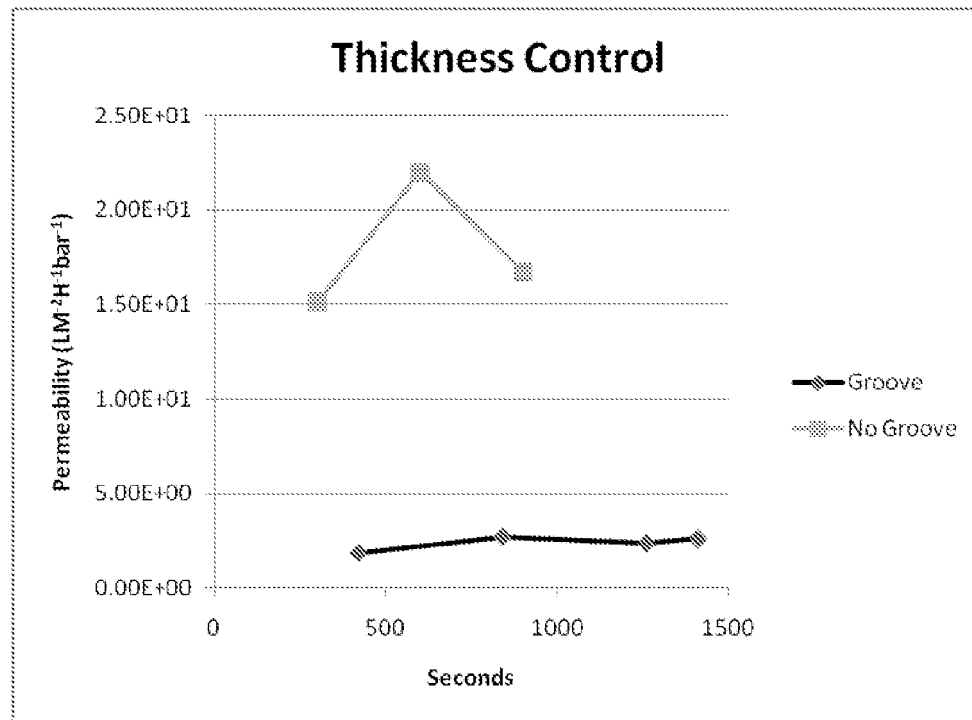
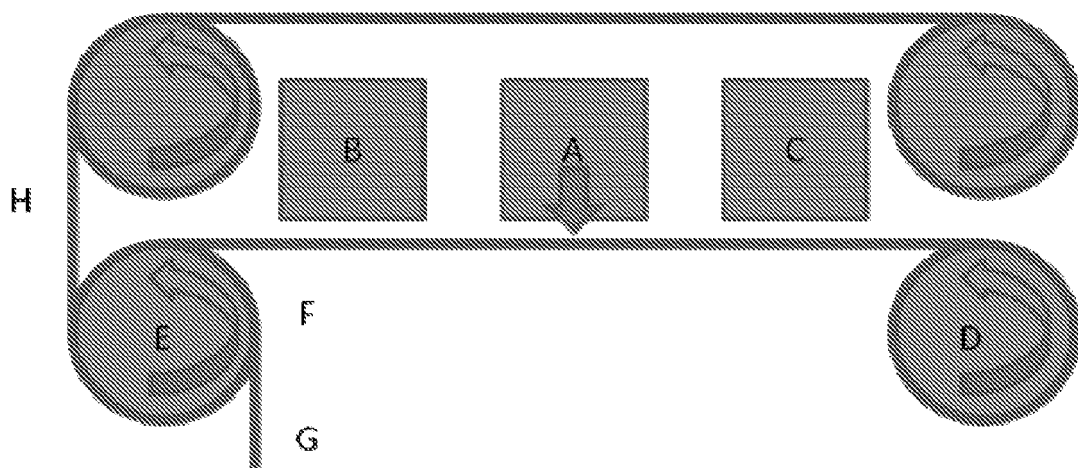


FIG. 10

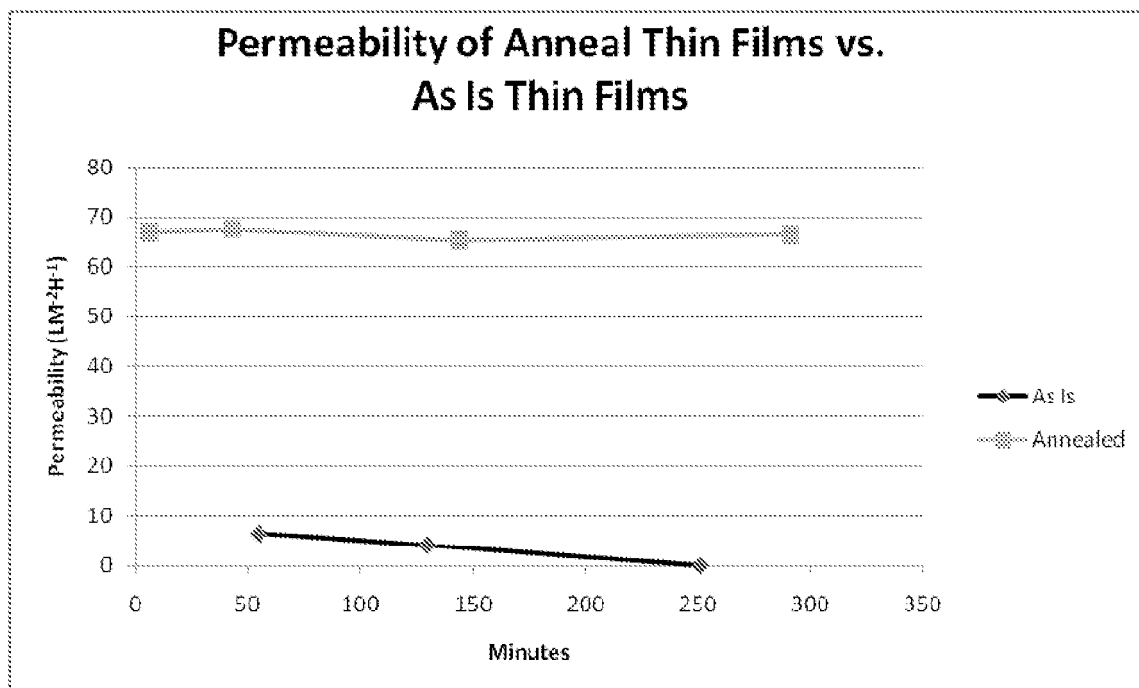
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*Fig 11A**Fig. 11B*

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**FIG. 12****FIG. 13**

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**FIG. 14**

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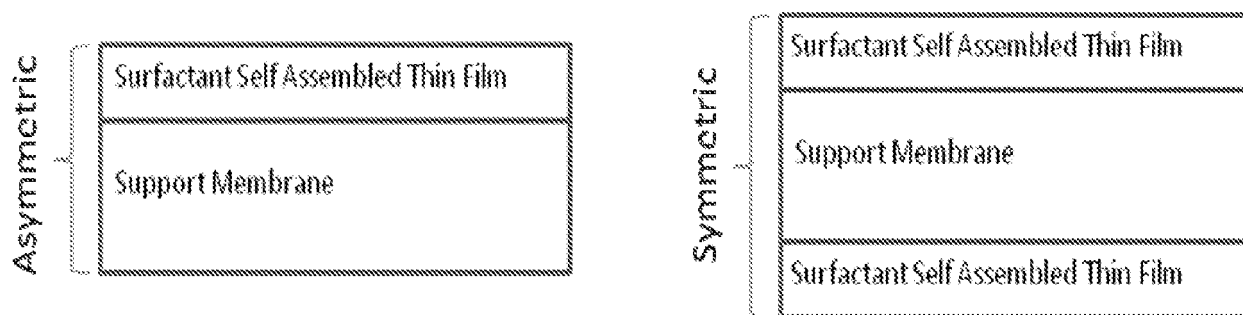


FIG. 15

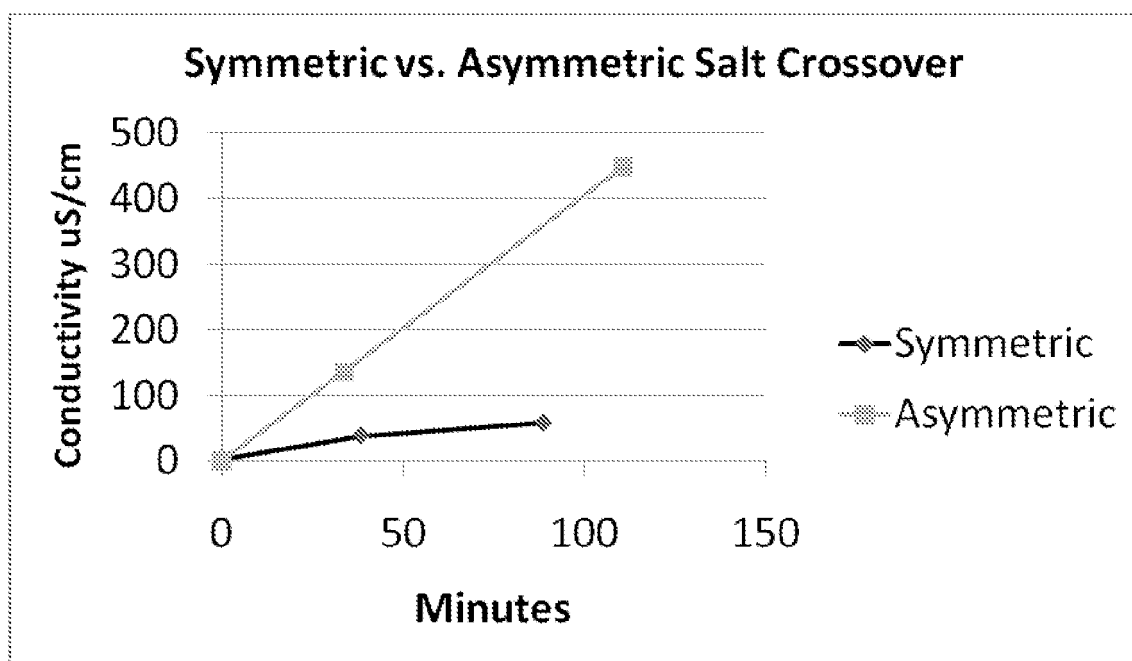


FIG. 16

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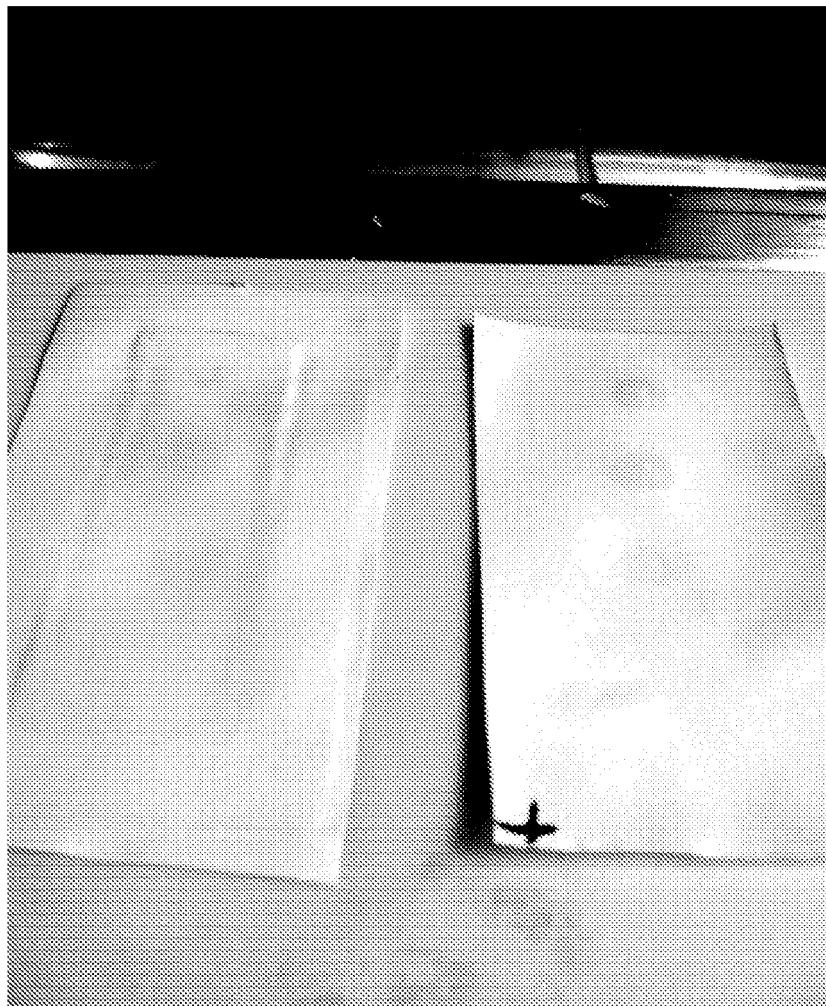


FIG. 17

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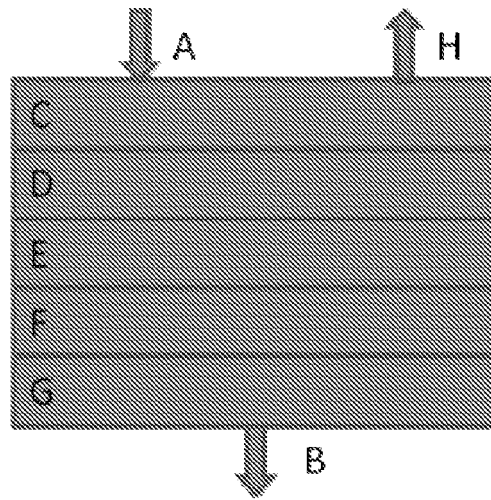


FIG. 18

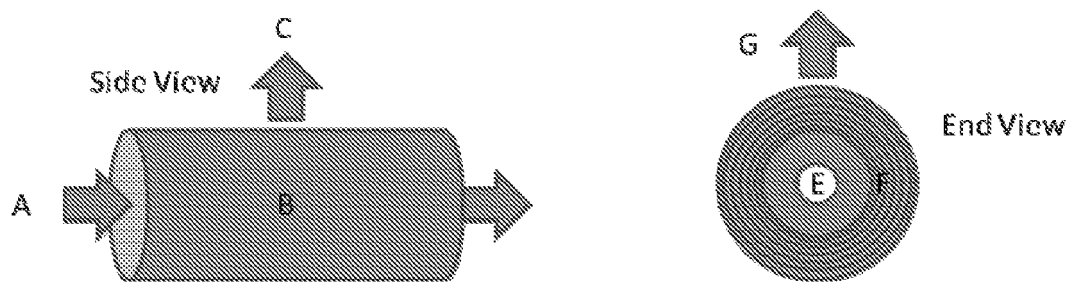


FIG. 19

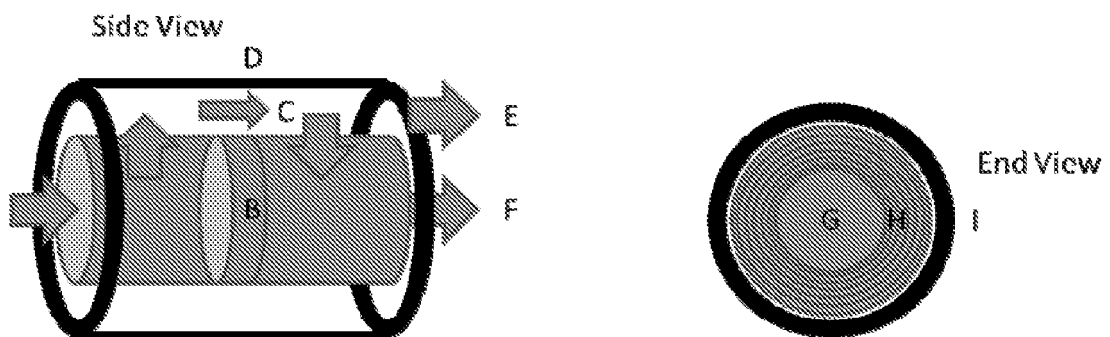
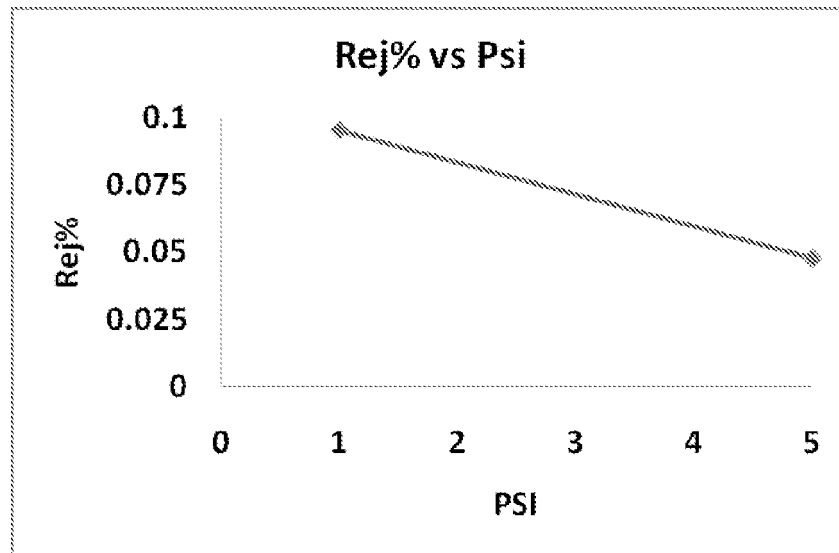
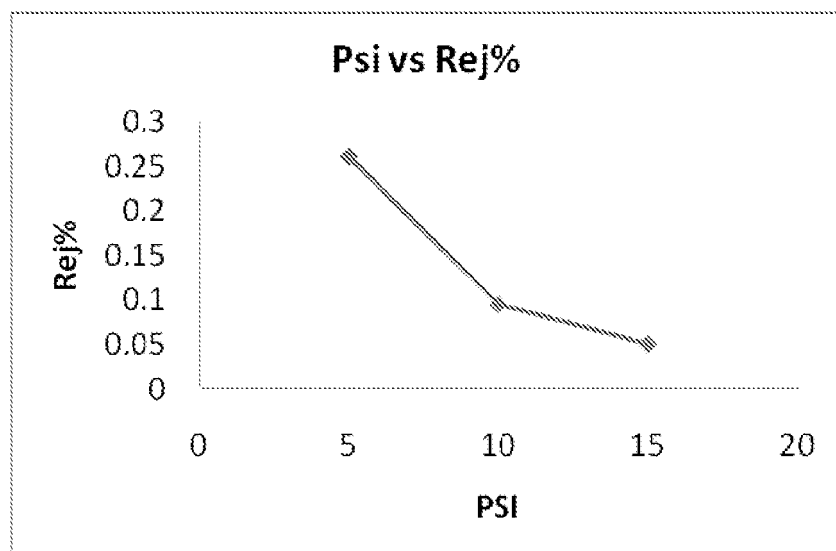
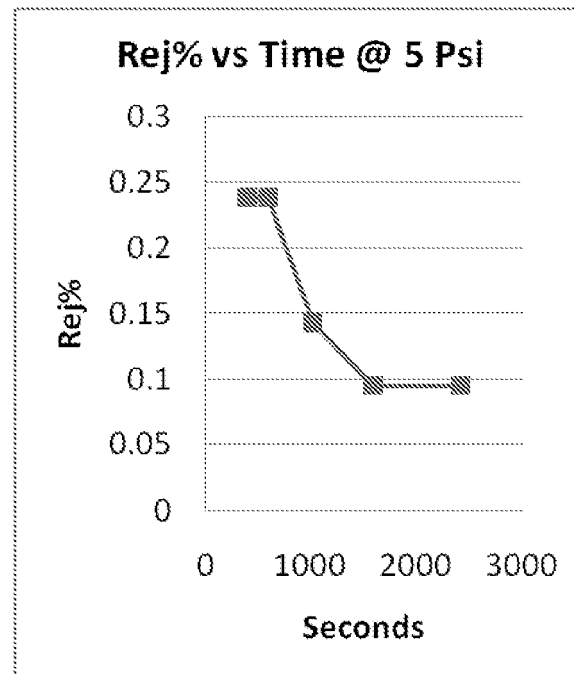
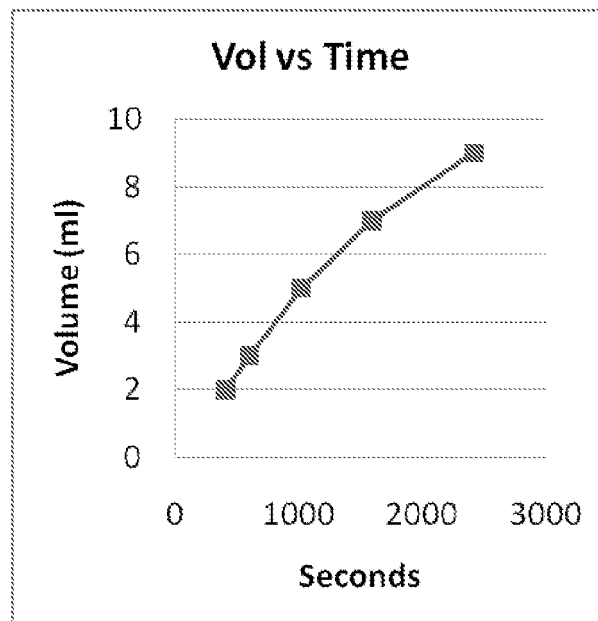


FIG. 20

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**FIG. 21A****FIG. 21B**

16/25**FIG. 22A****FIG. 22B**

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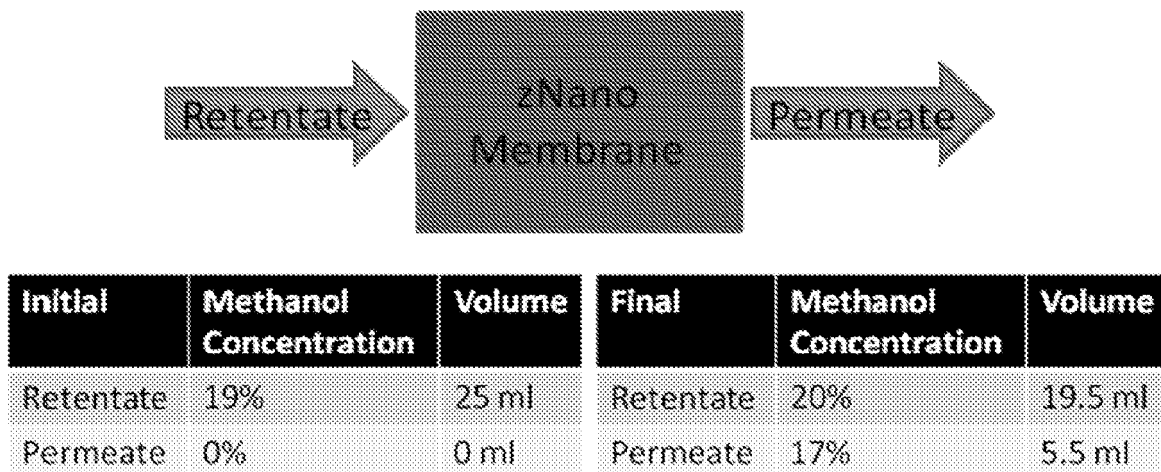
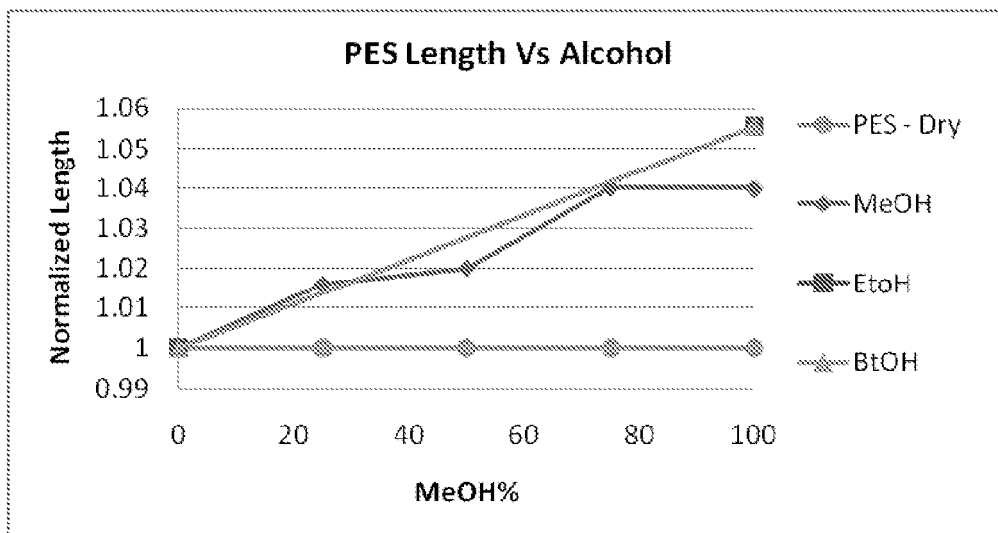
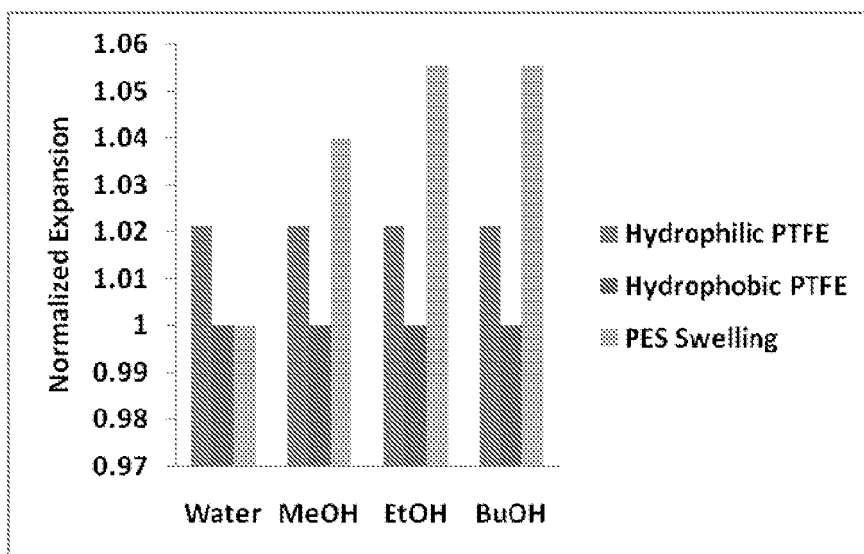


FIG. 23

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**FIG. 24A****FIG. 24B**

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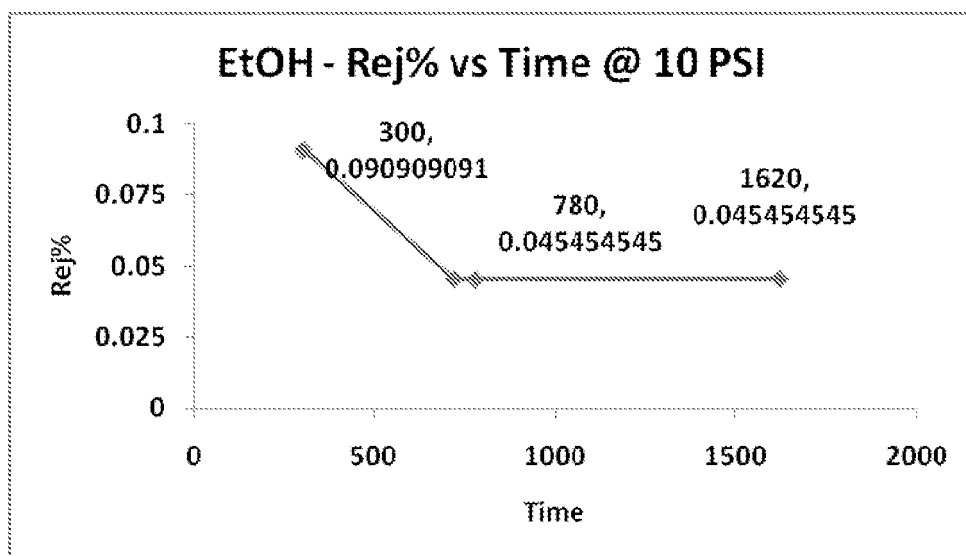


FIG. 25A

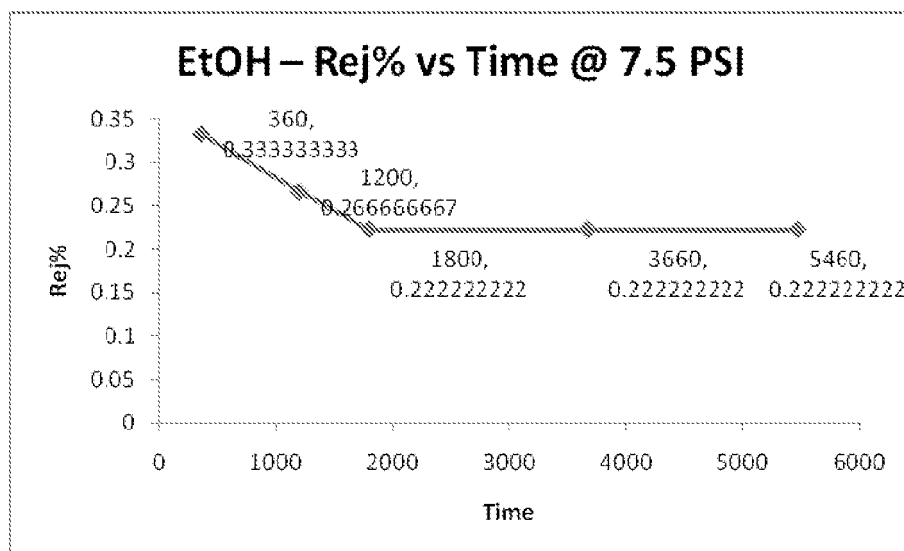


FIG. 25B

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Initial	Ethanol Concentration	Volume	Final	Ethanol Concentration	Volume
Retentate	20.5%	25 ml	Retentate	21%	17.5 ml
Permeate	0%	0 ml	Permeate	19.2% (Average)	7.4 ml

FIG. 26

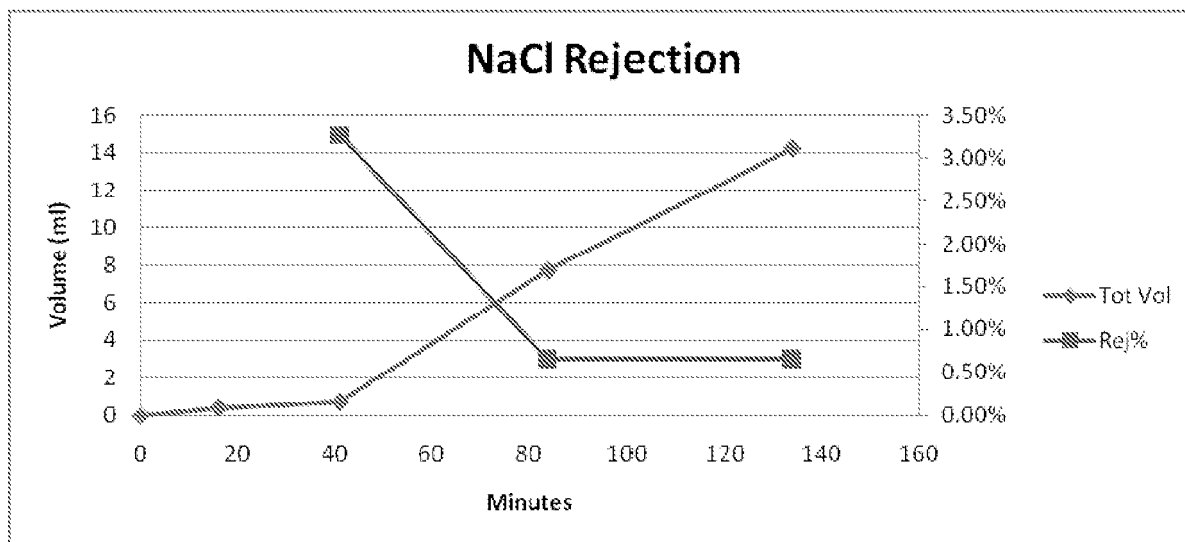


FIG. 27

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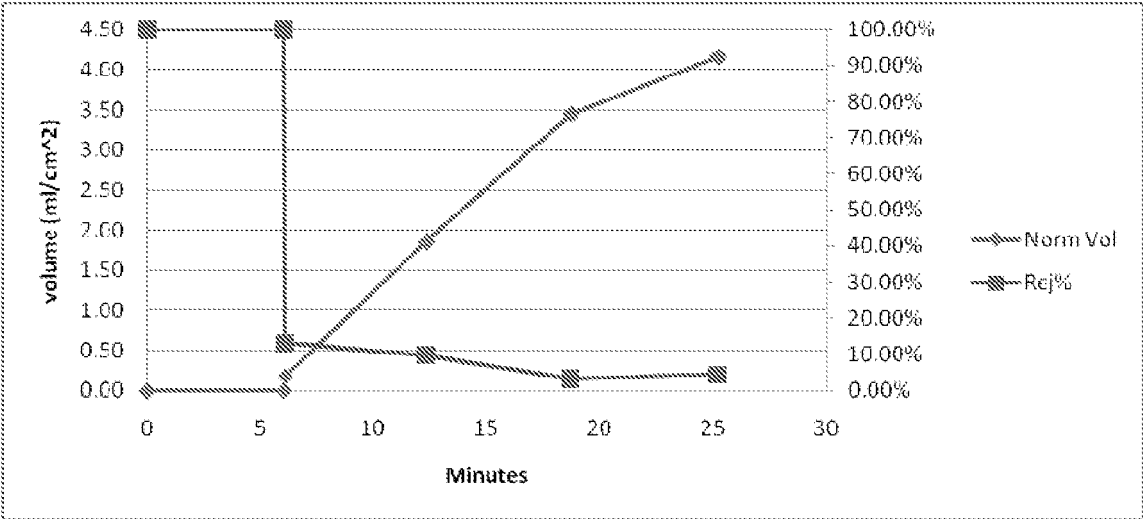


FIG.28

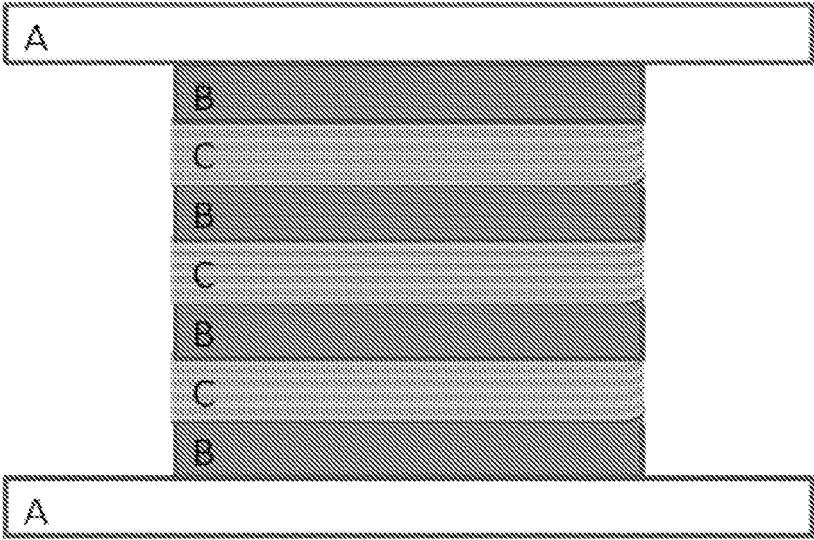
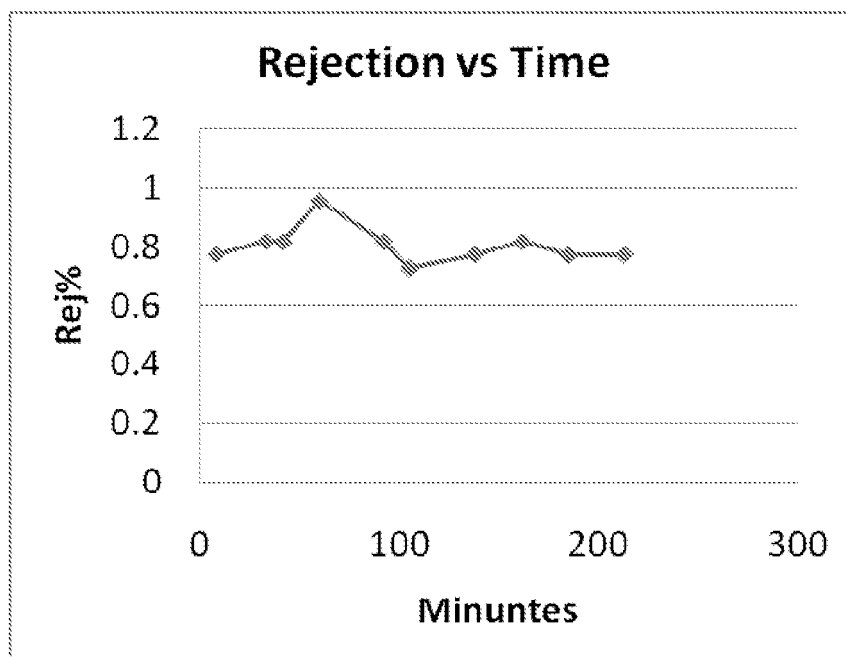
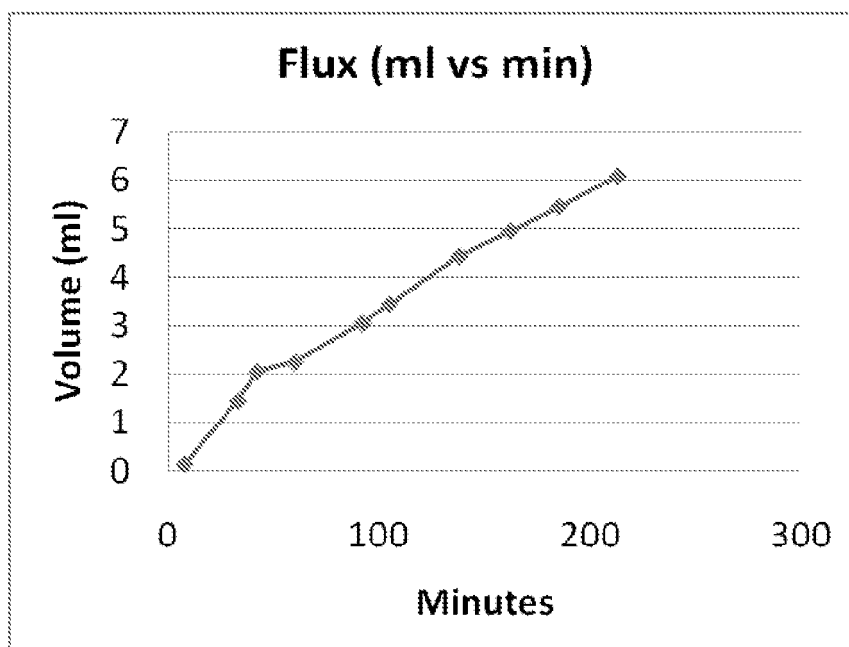


FIG. 29

22/25**FIG. 30A****FIG. 30B**

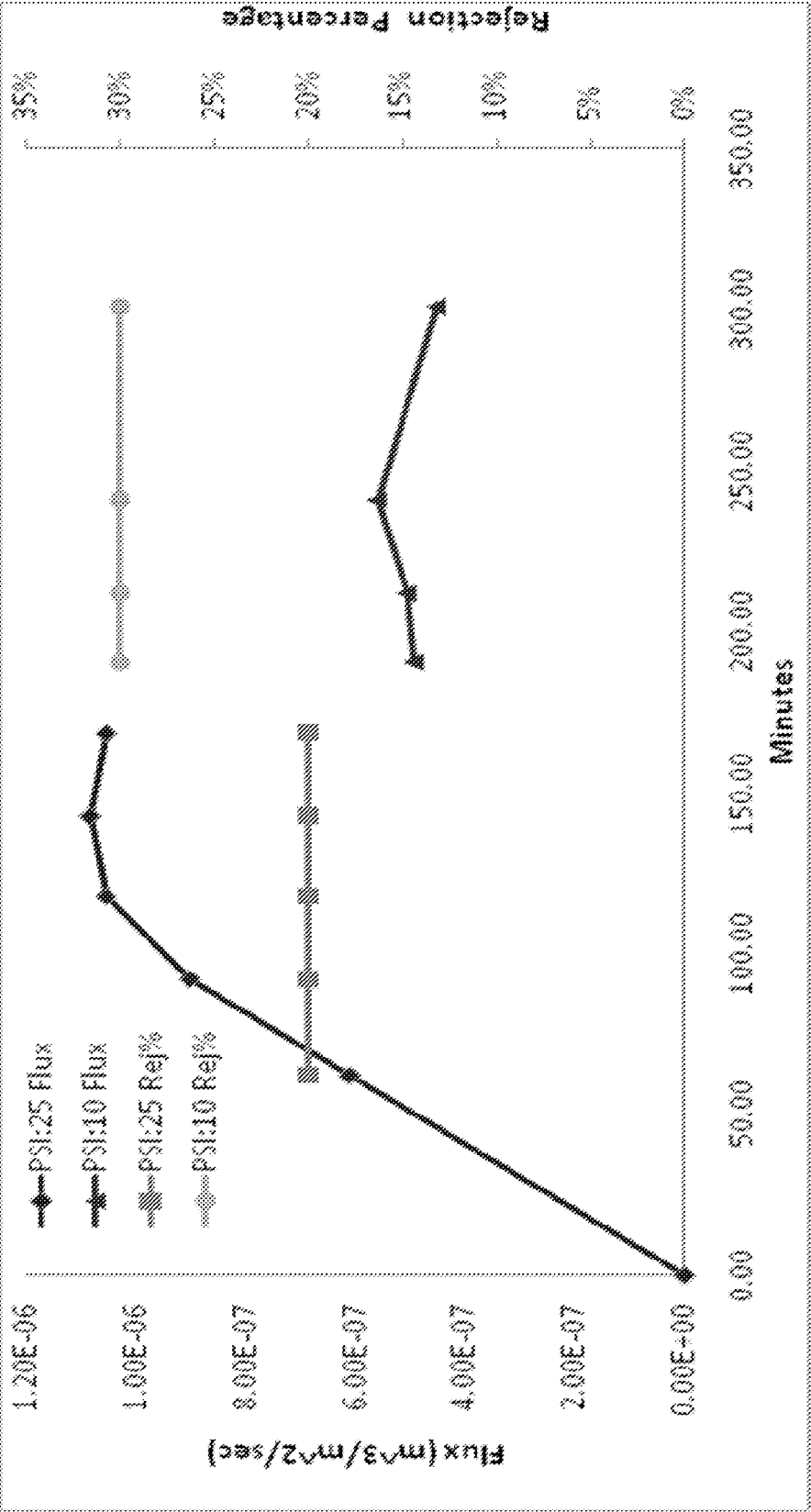


FIG.
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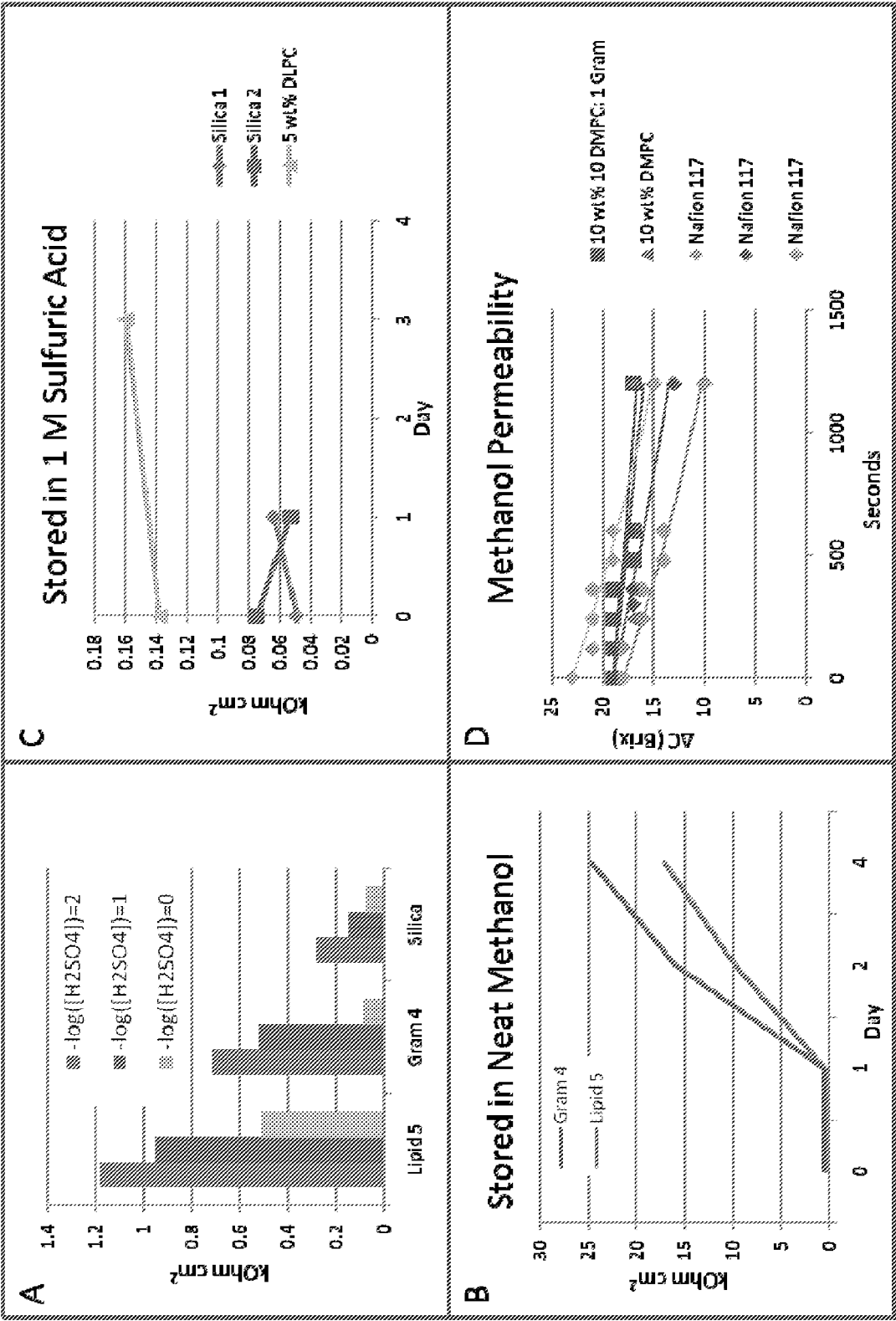


FIG. 32

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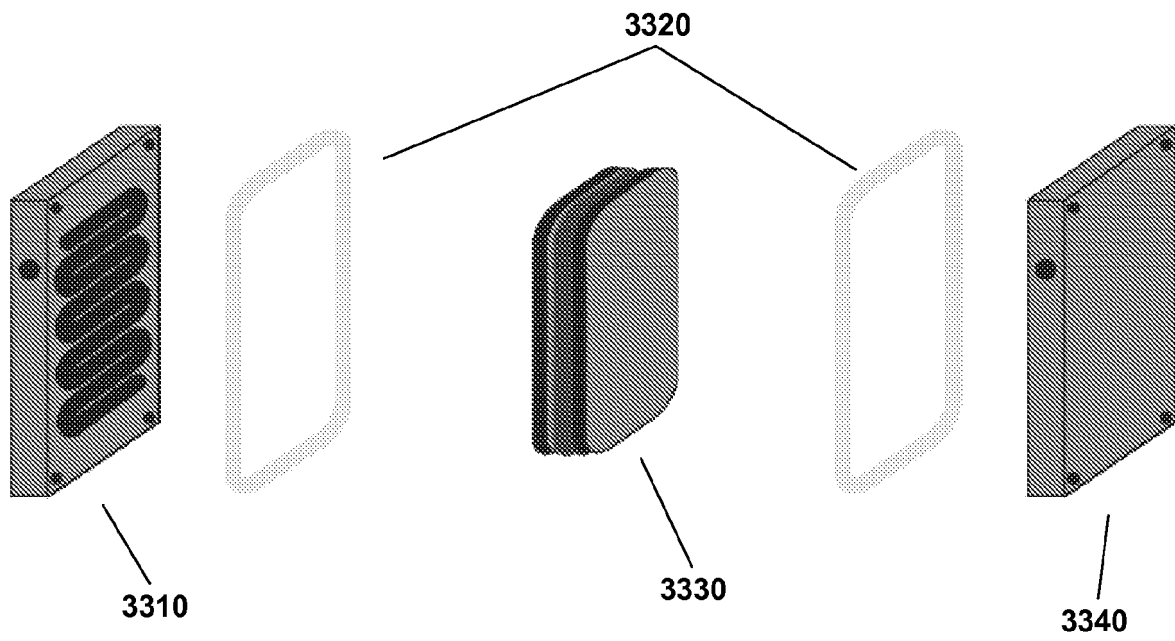


FIG. 33