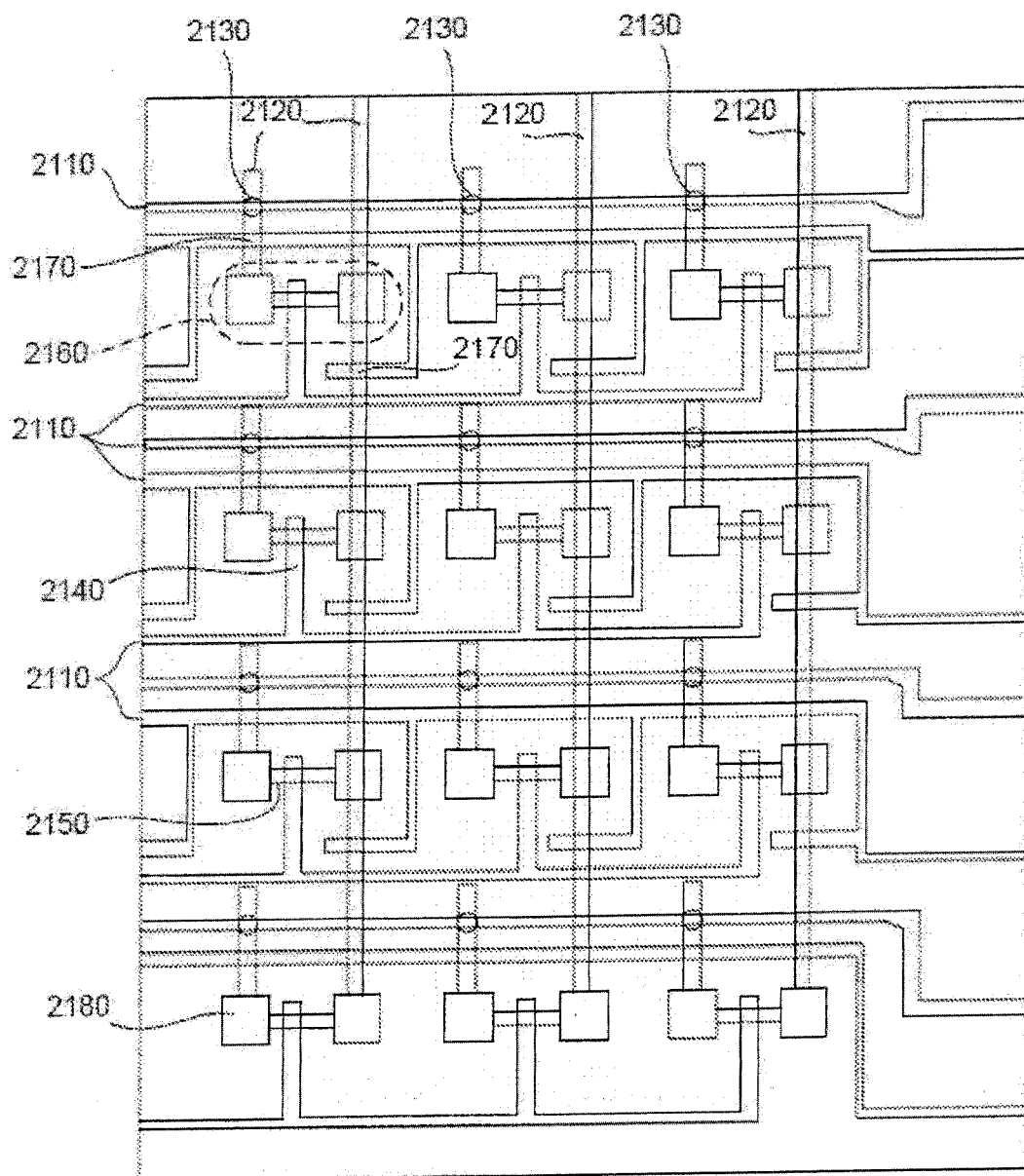


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**Fig. 1**

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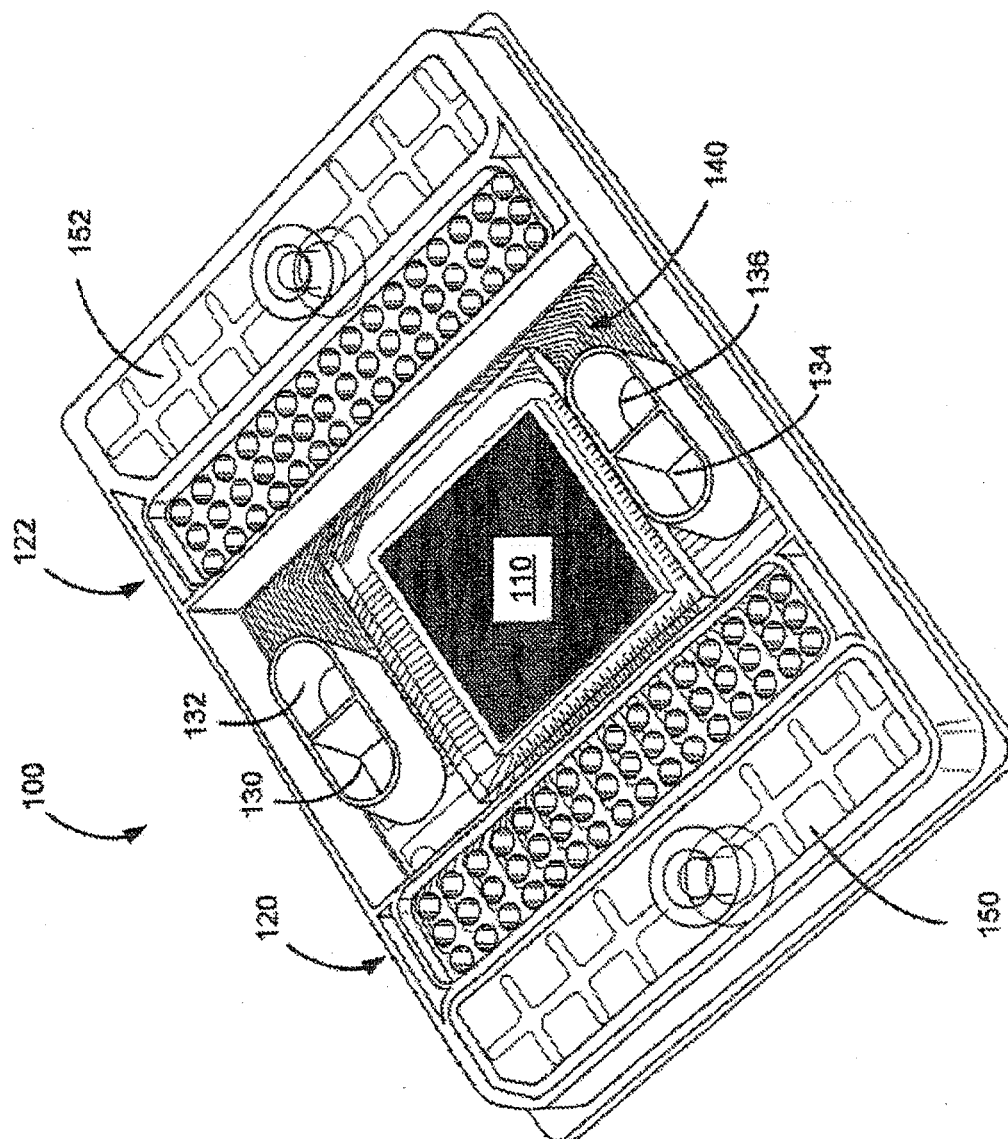
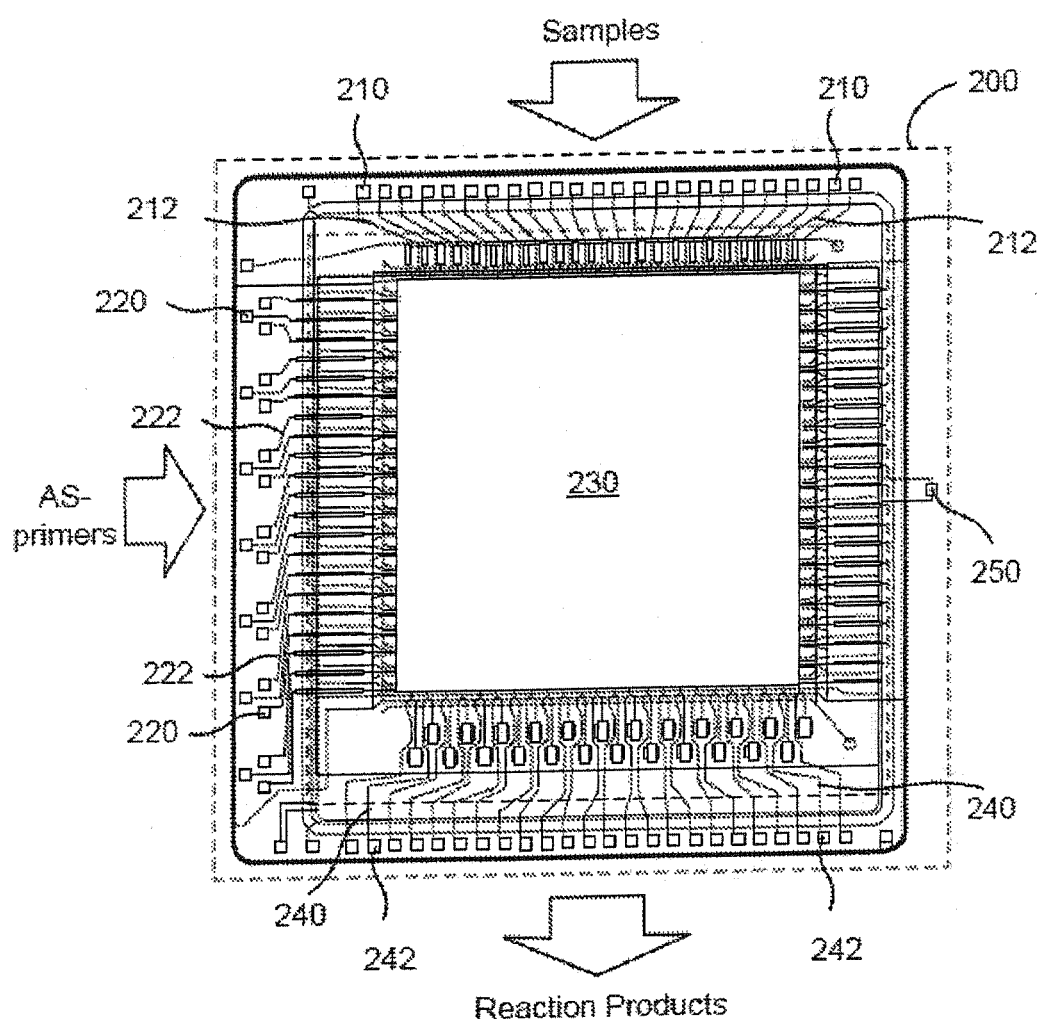
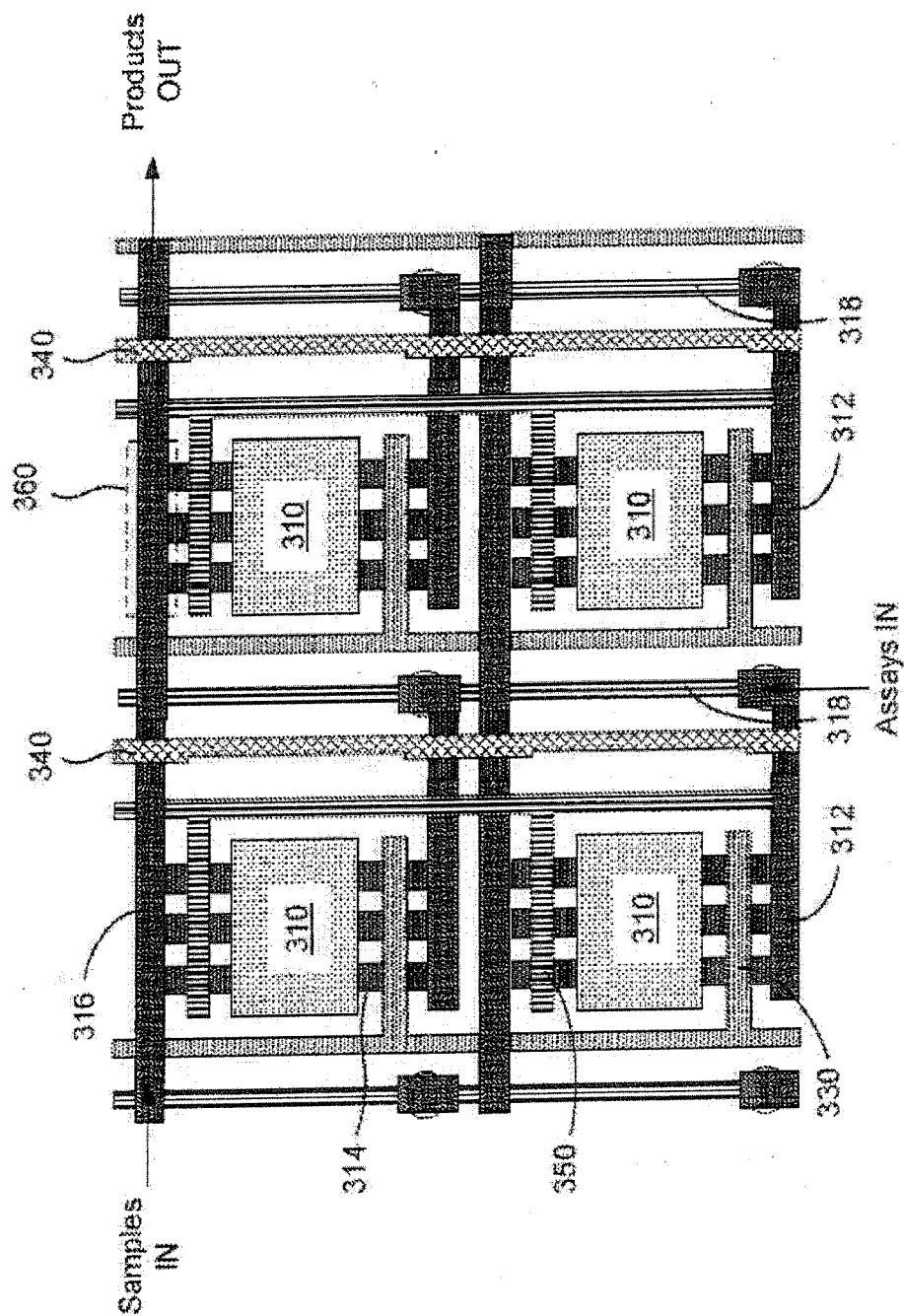


Fig. 2

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**Fig. 3**

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**Fig. 4**

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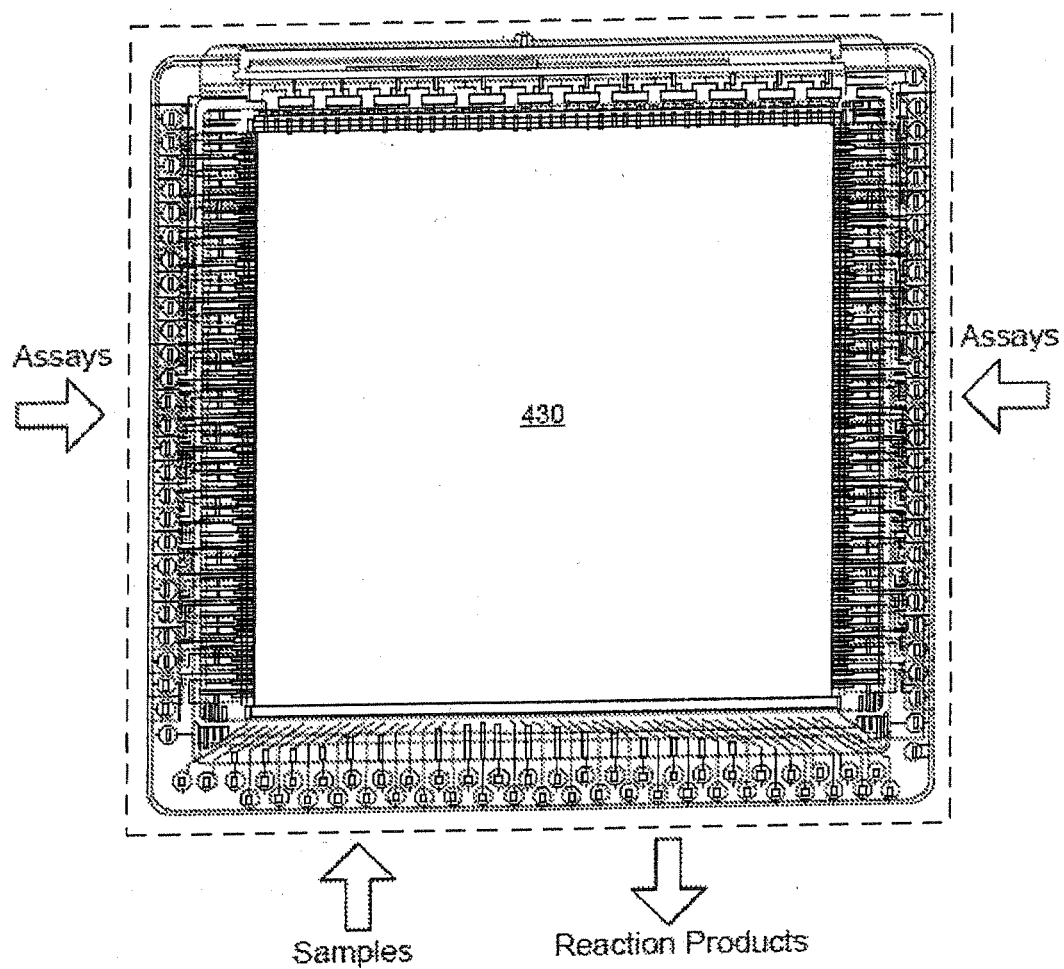


Fig. 5A

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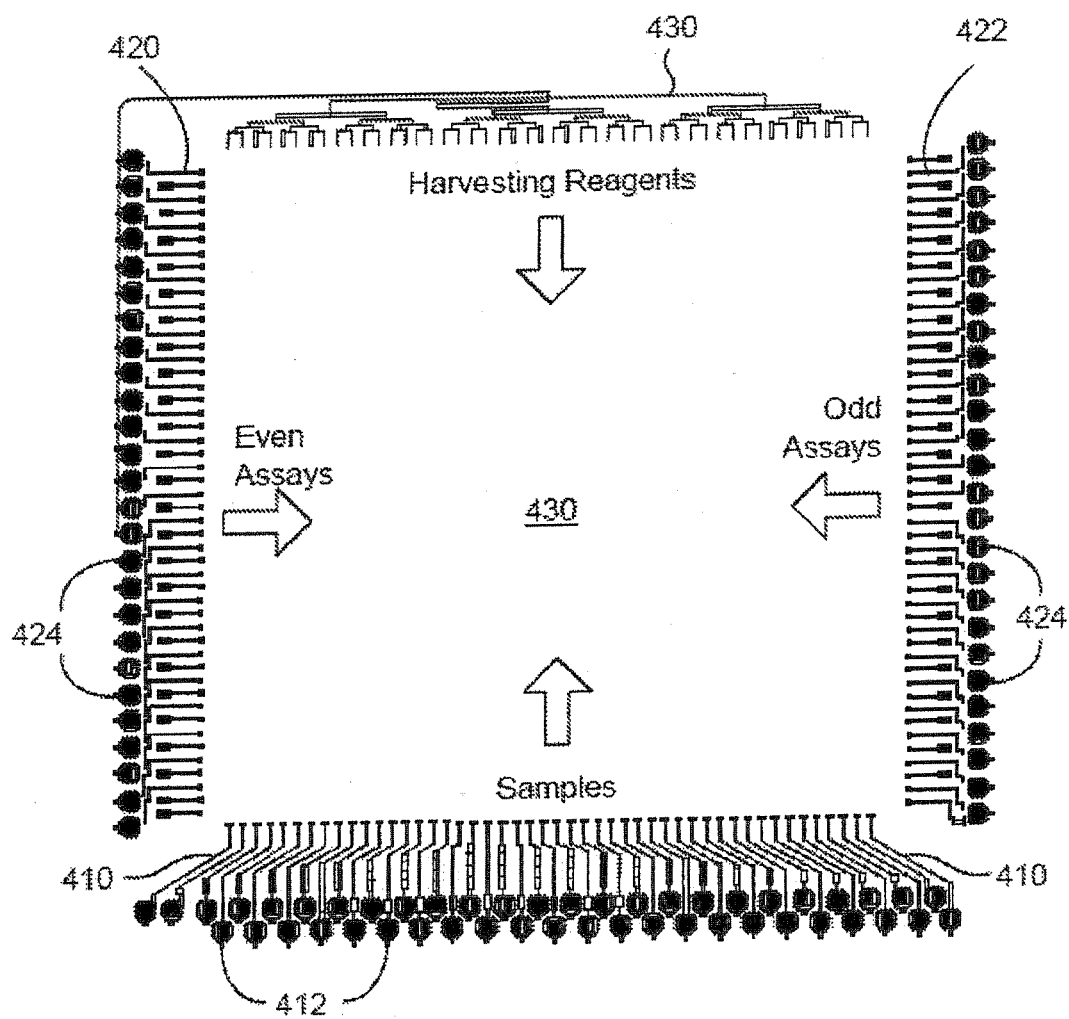
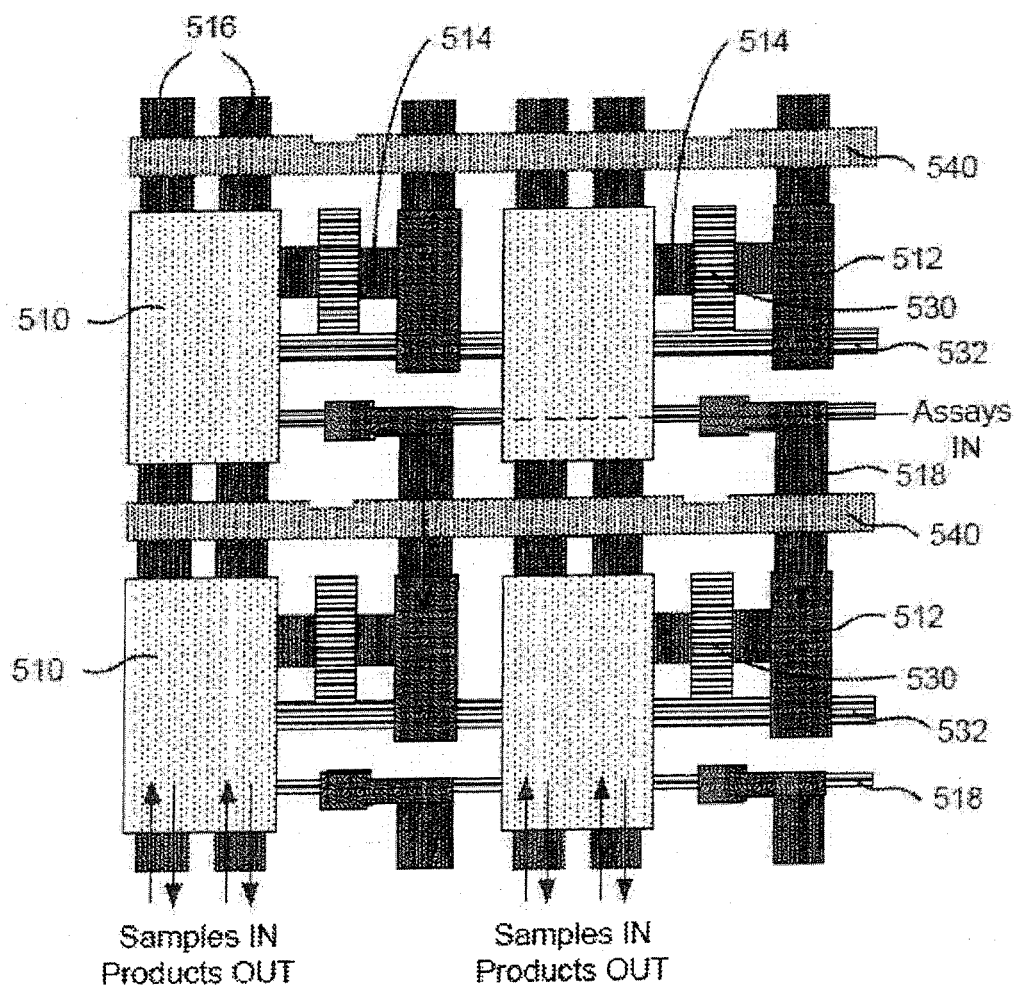
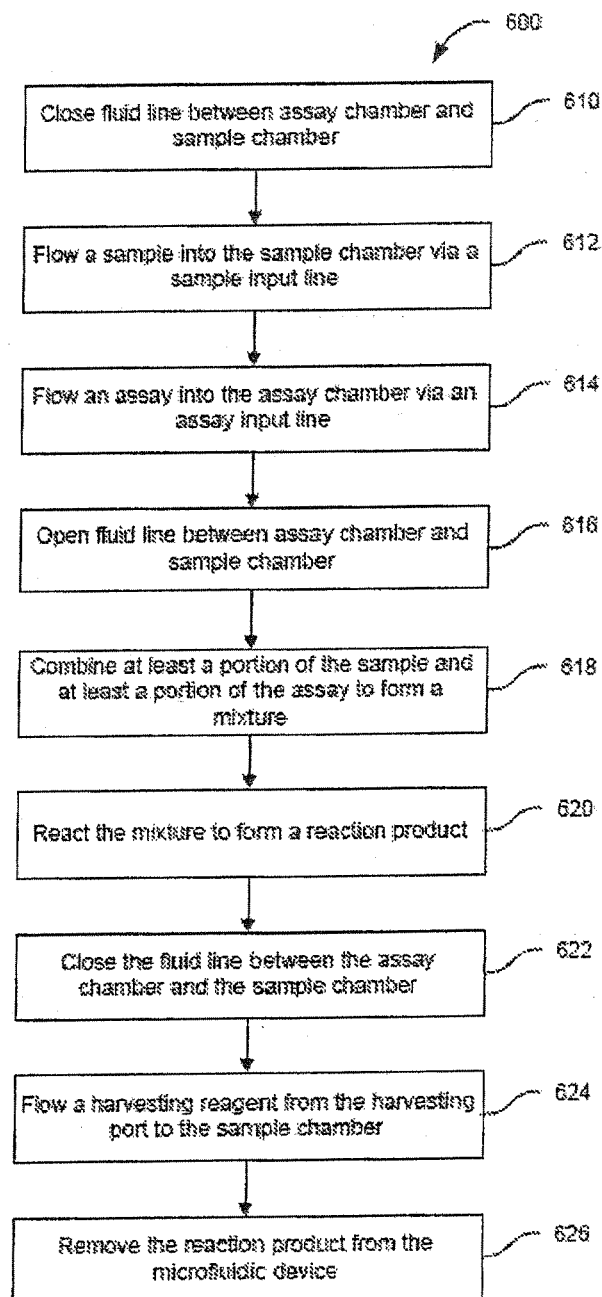


Fig. 5B

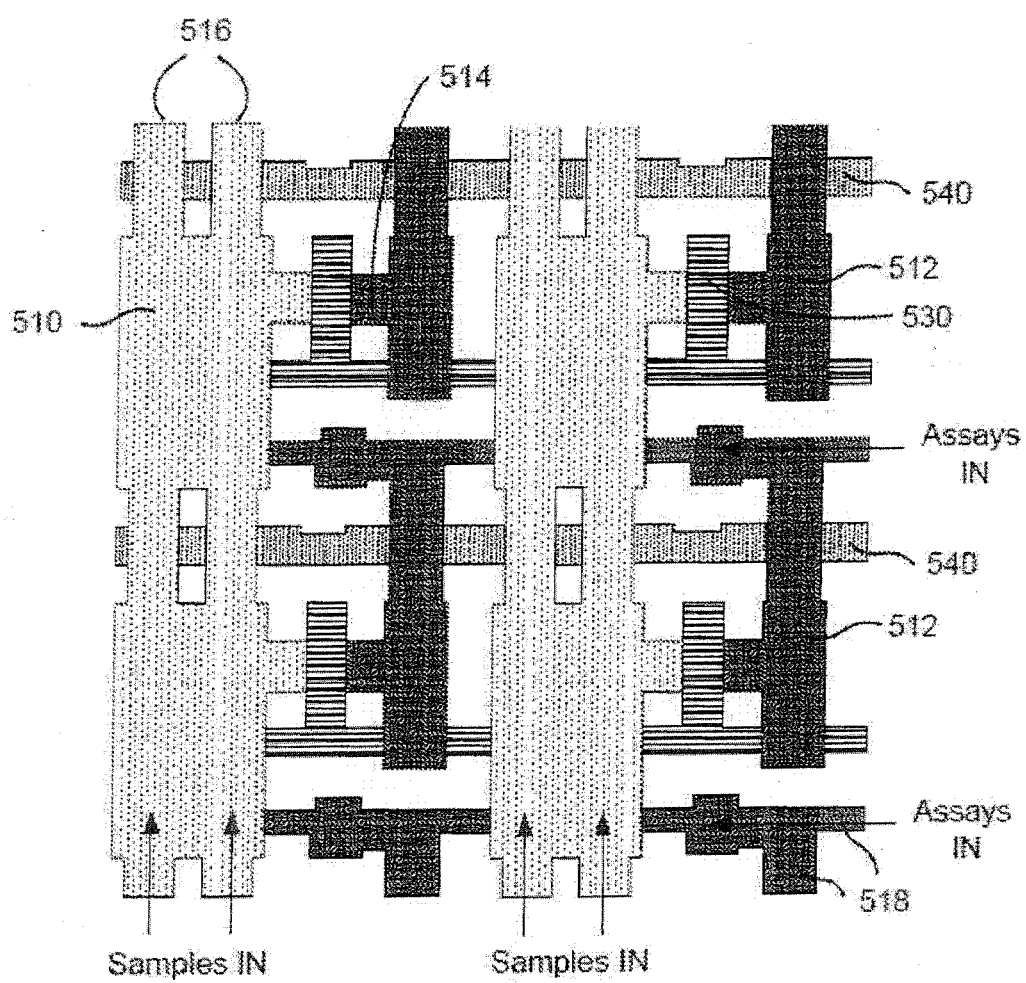
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**Fig. 6**

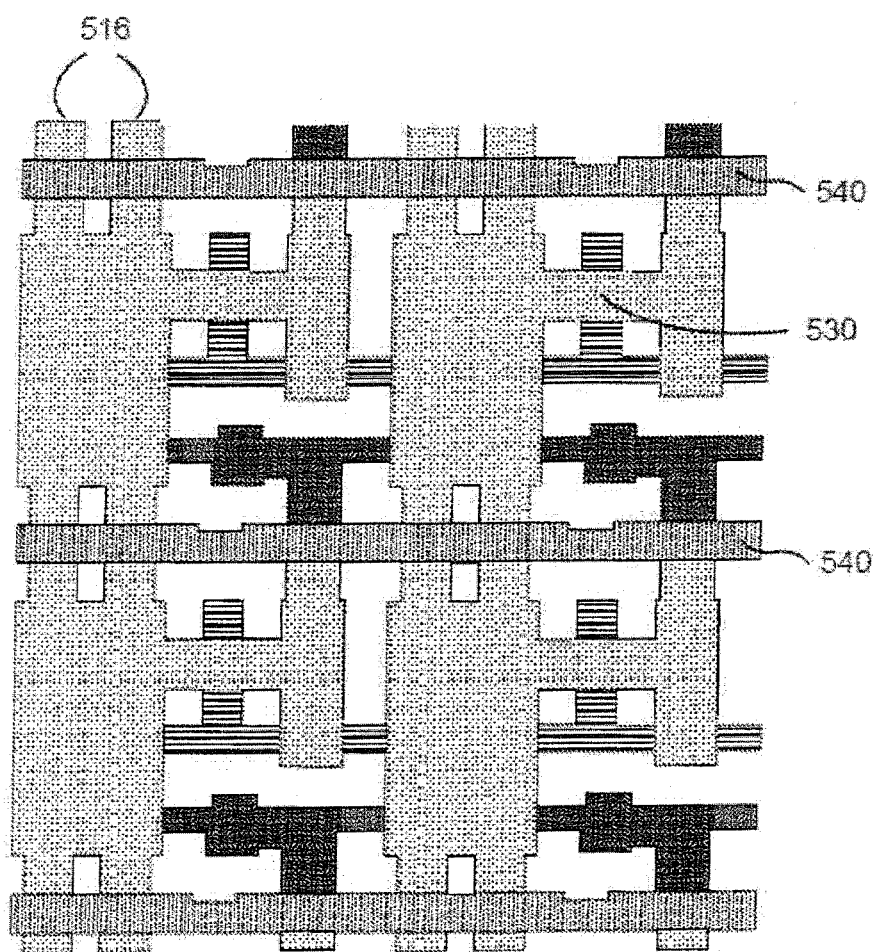
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**Fig. 7**

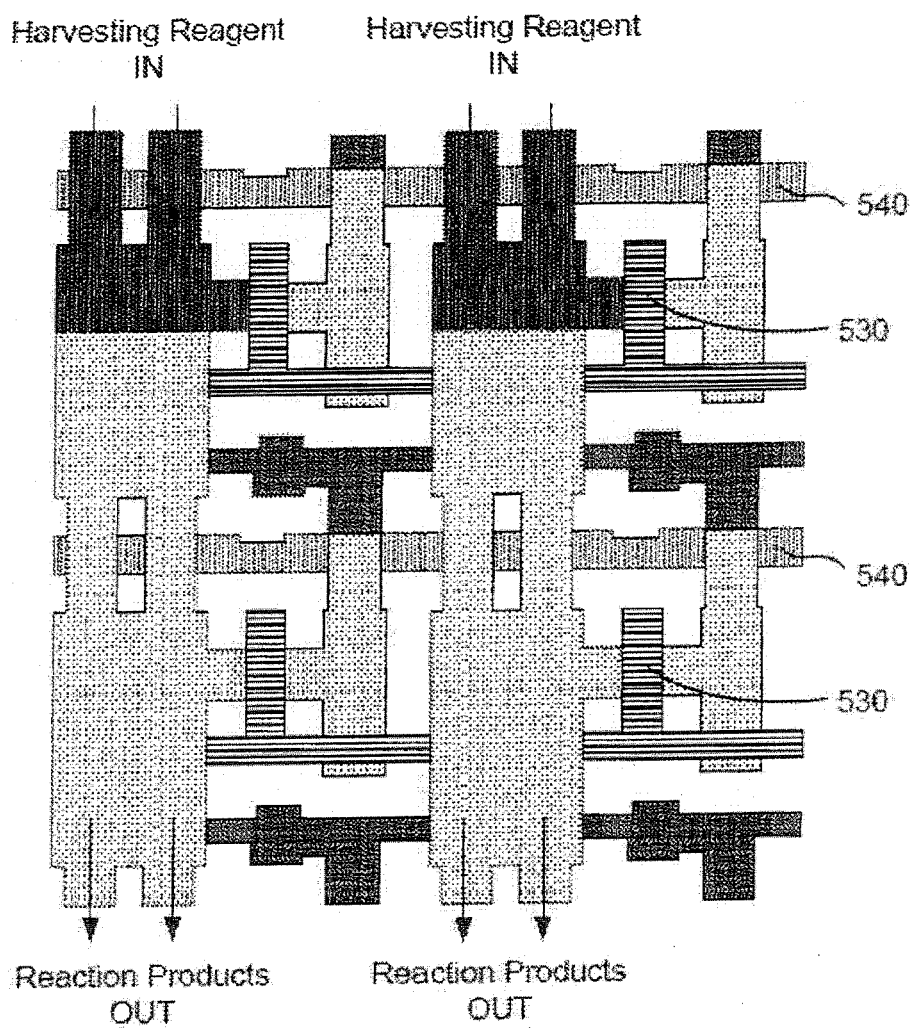
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**Fig. 8A**

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**Fig. 8B**

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**Fig. 8C**

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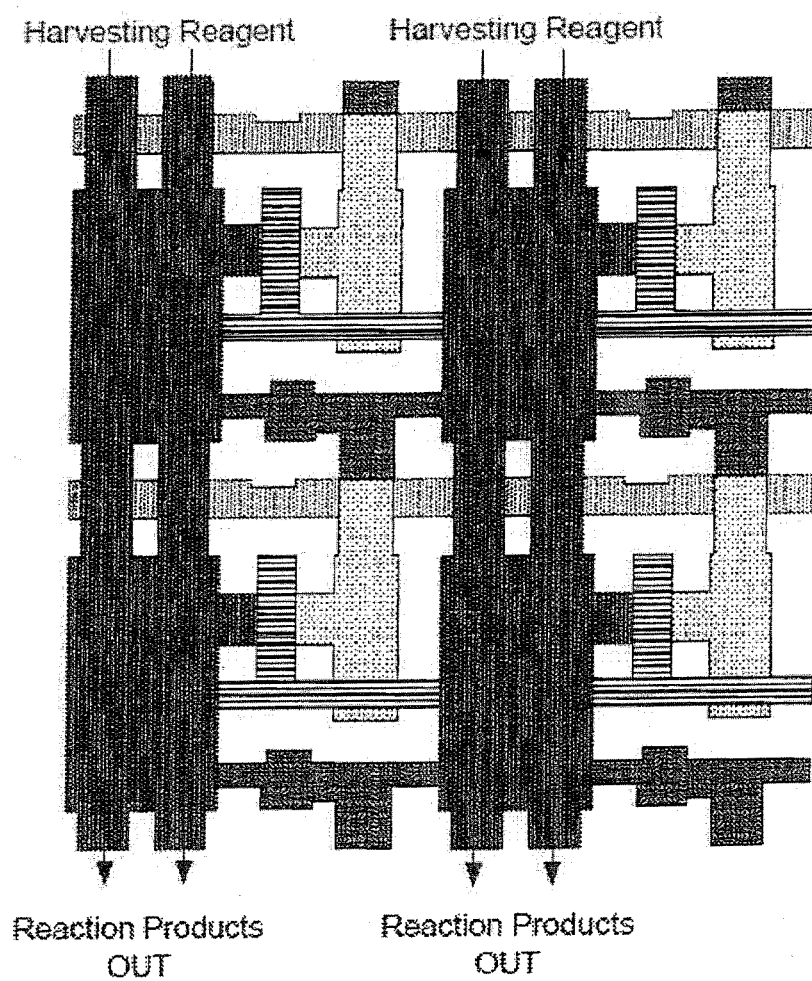


Fig. 8D

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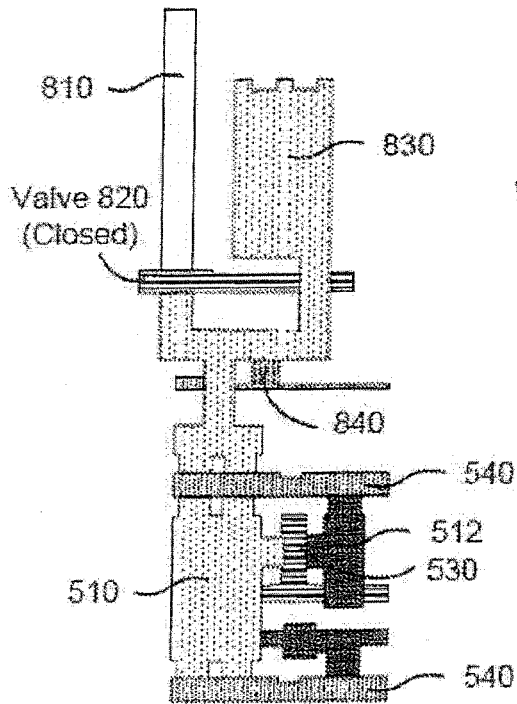
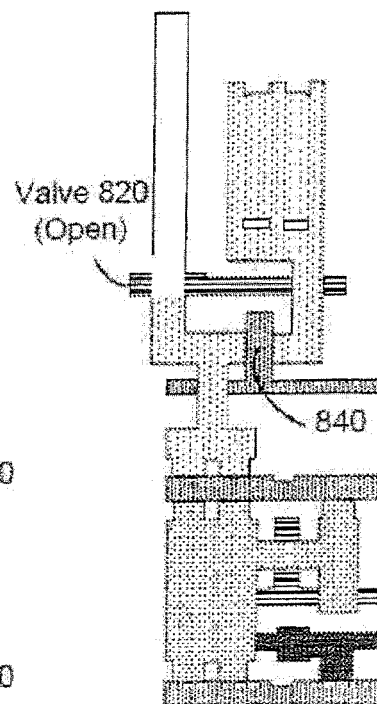
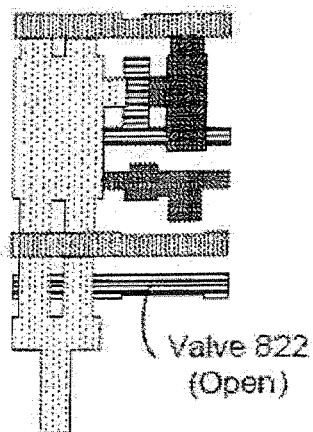
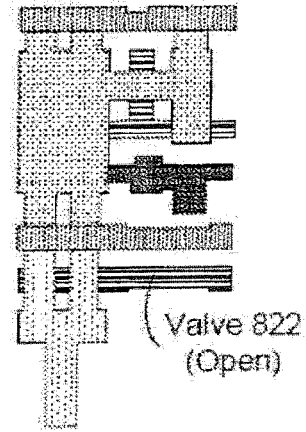
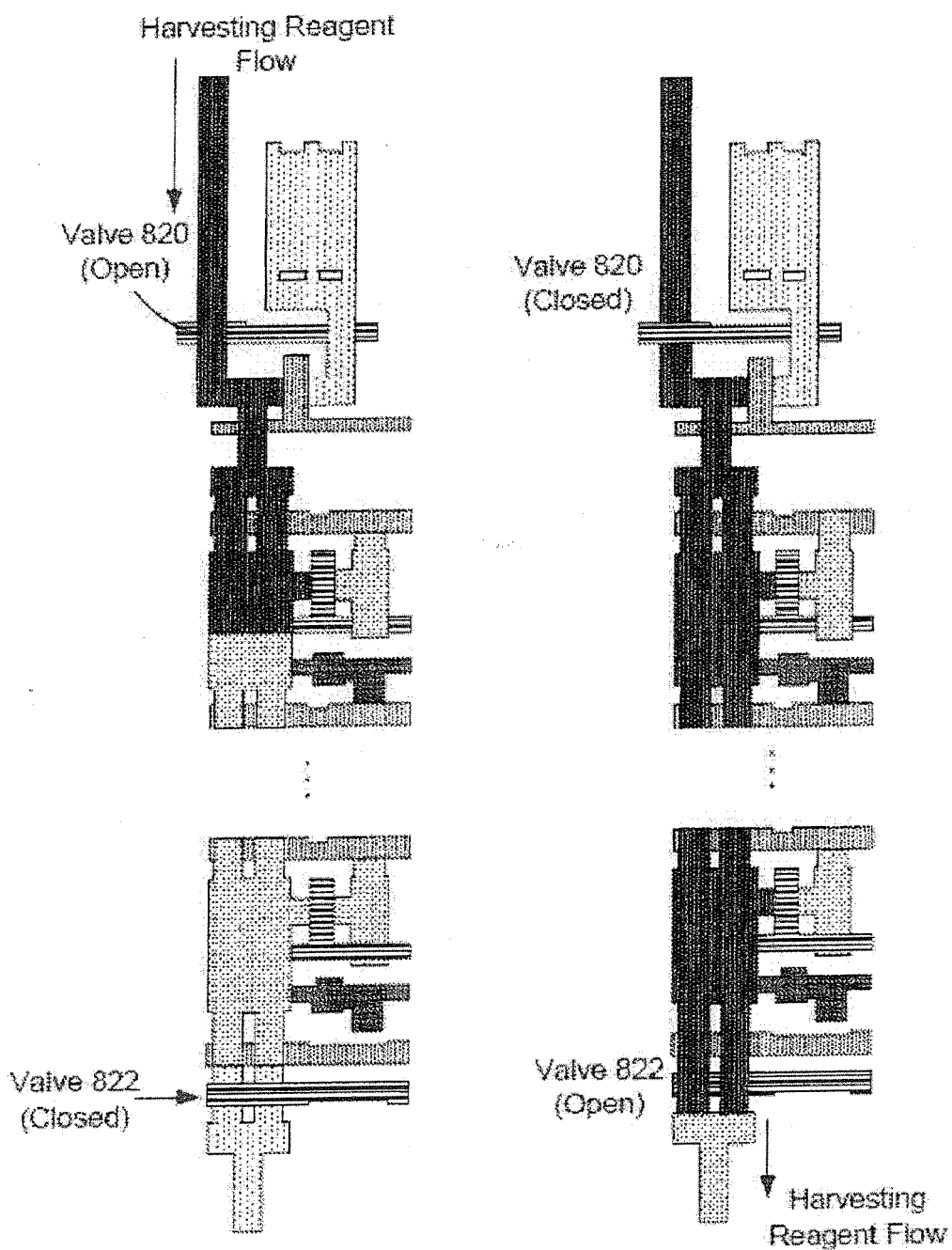


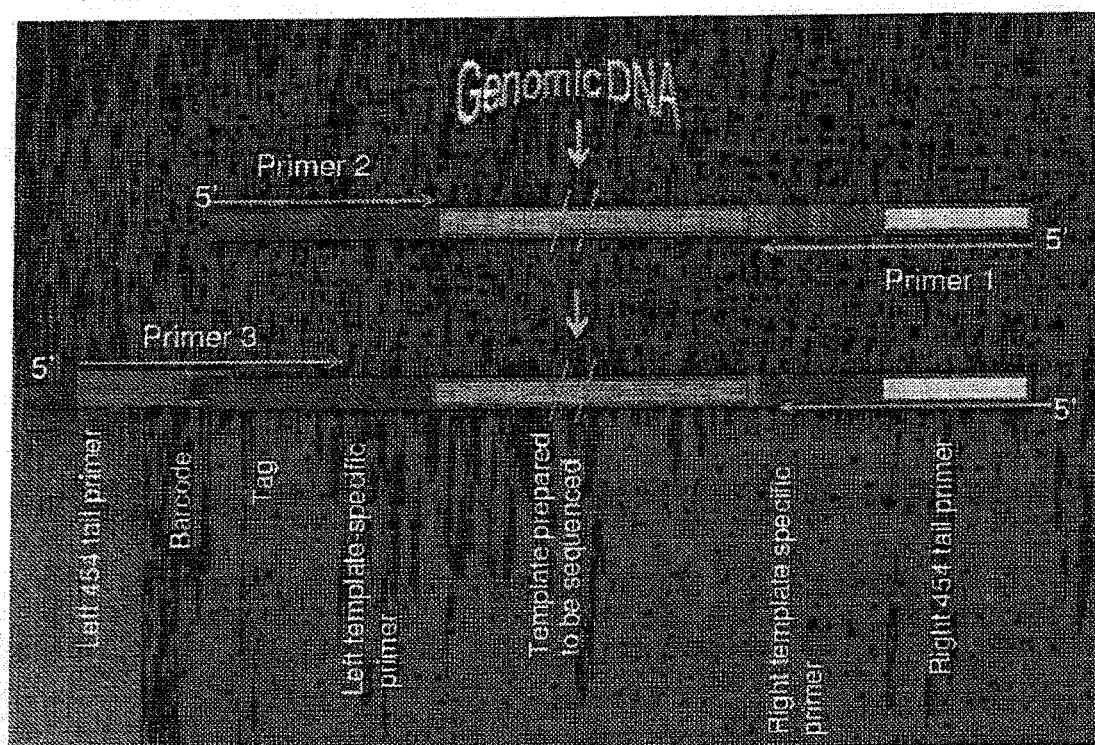
Fig. 9A

Fig. 9B

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**Fig. 9C****Fig. 9D**

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**Fig. 10**

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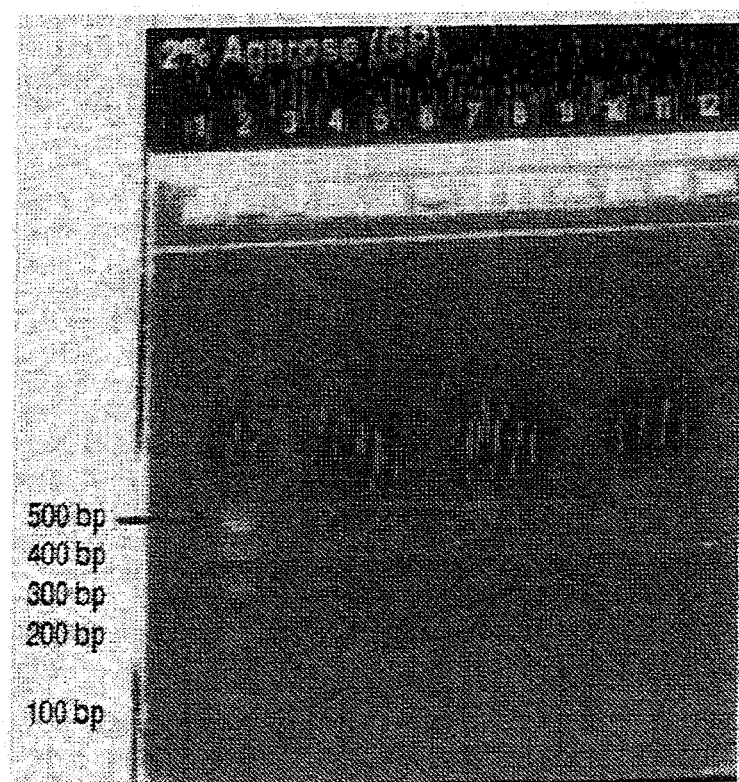


Fig. 11

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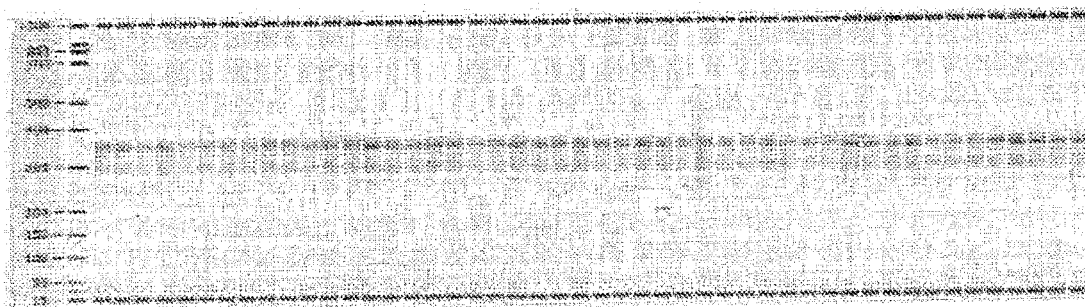
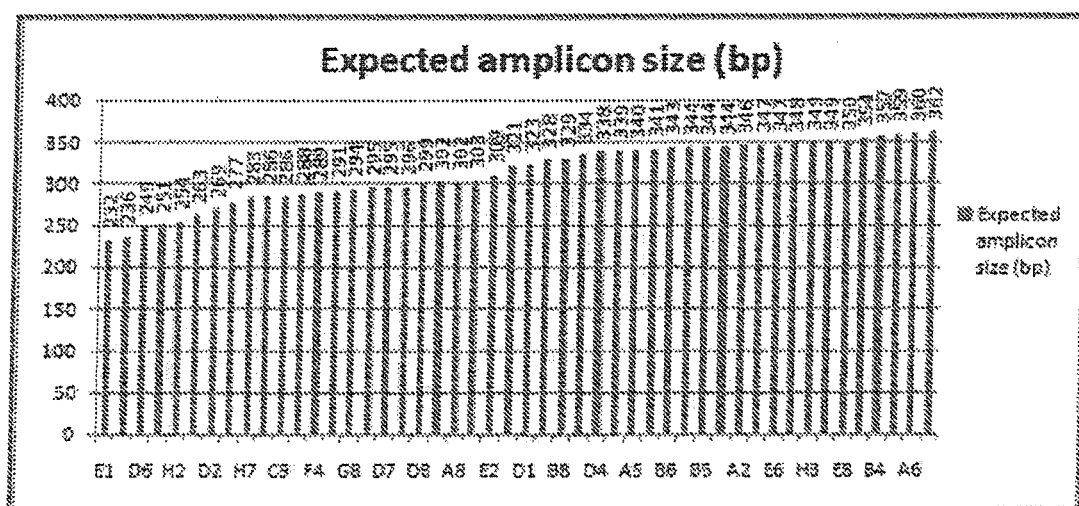
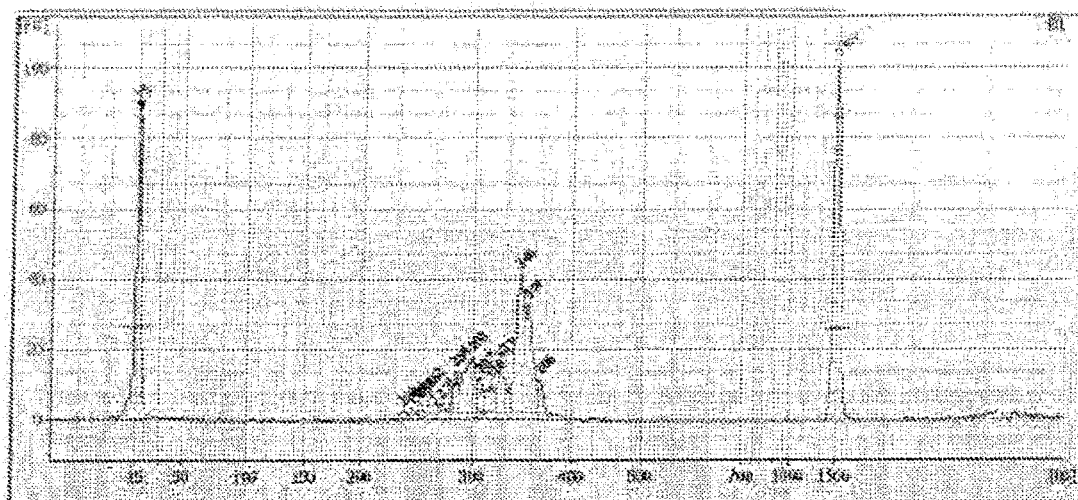
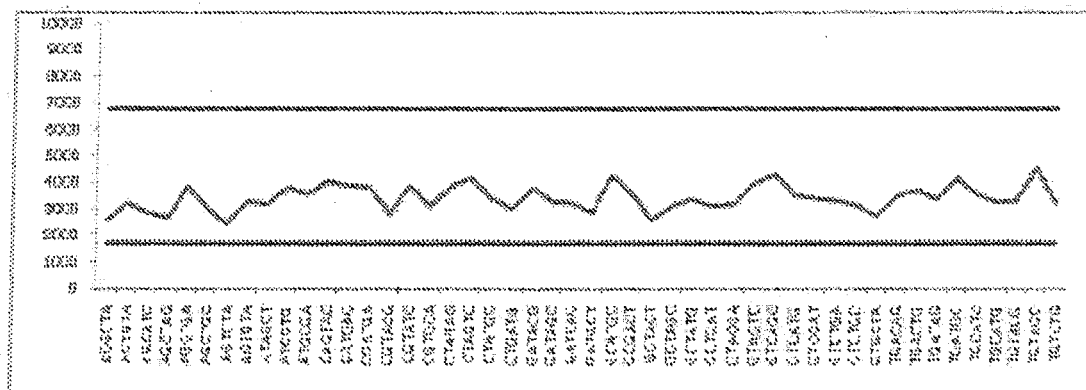
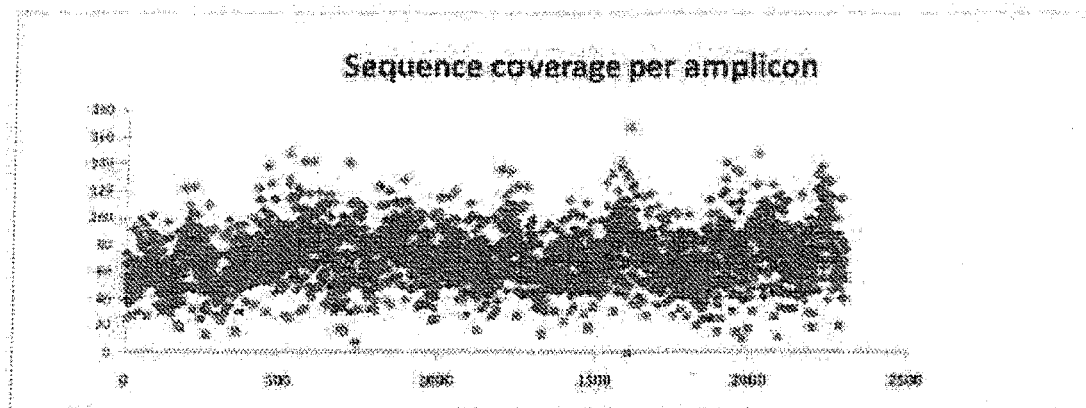


Fig. 12

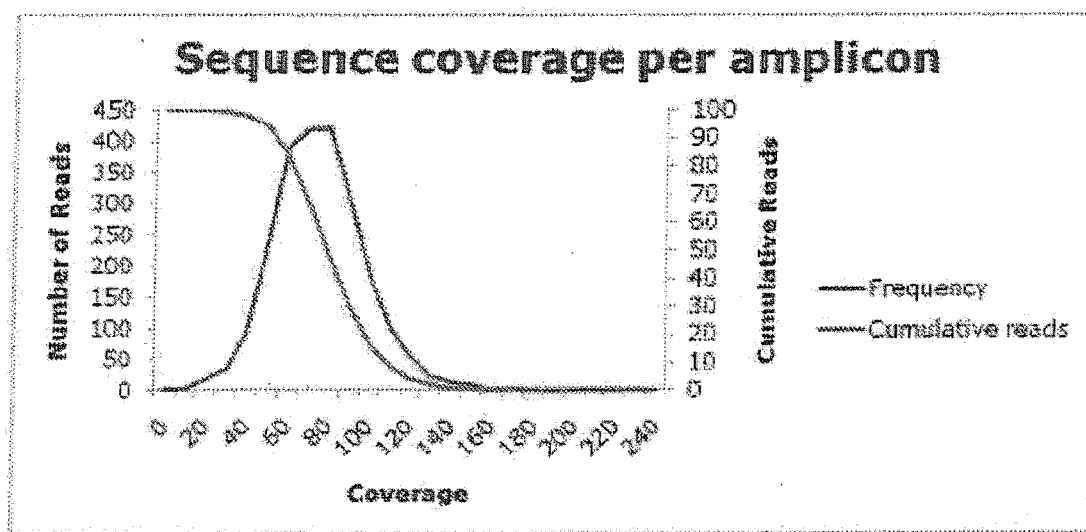
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A**B****Fig. 13A-B**

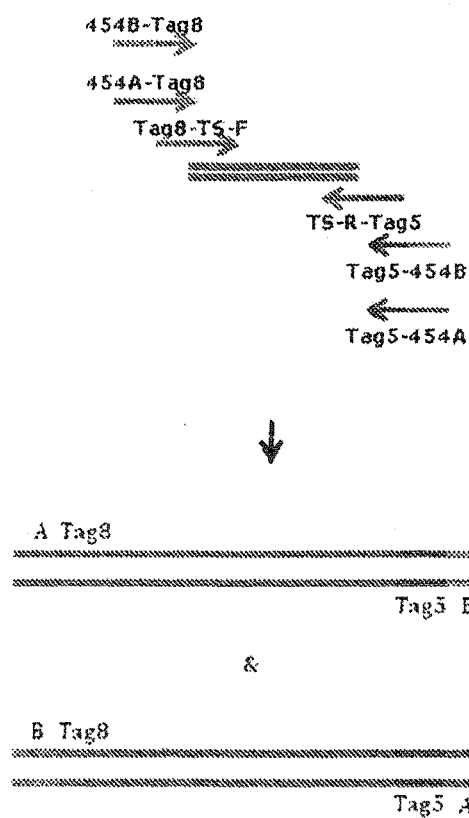
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A**B****Fig. 14A-B**

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**Fig. 14C**

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A

8A & 5B same amplicon
8B & 5A same amplicon

B**Fig. 15A-B**

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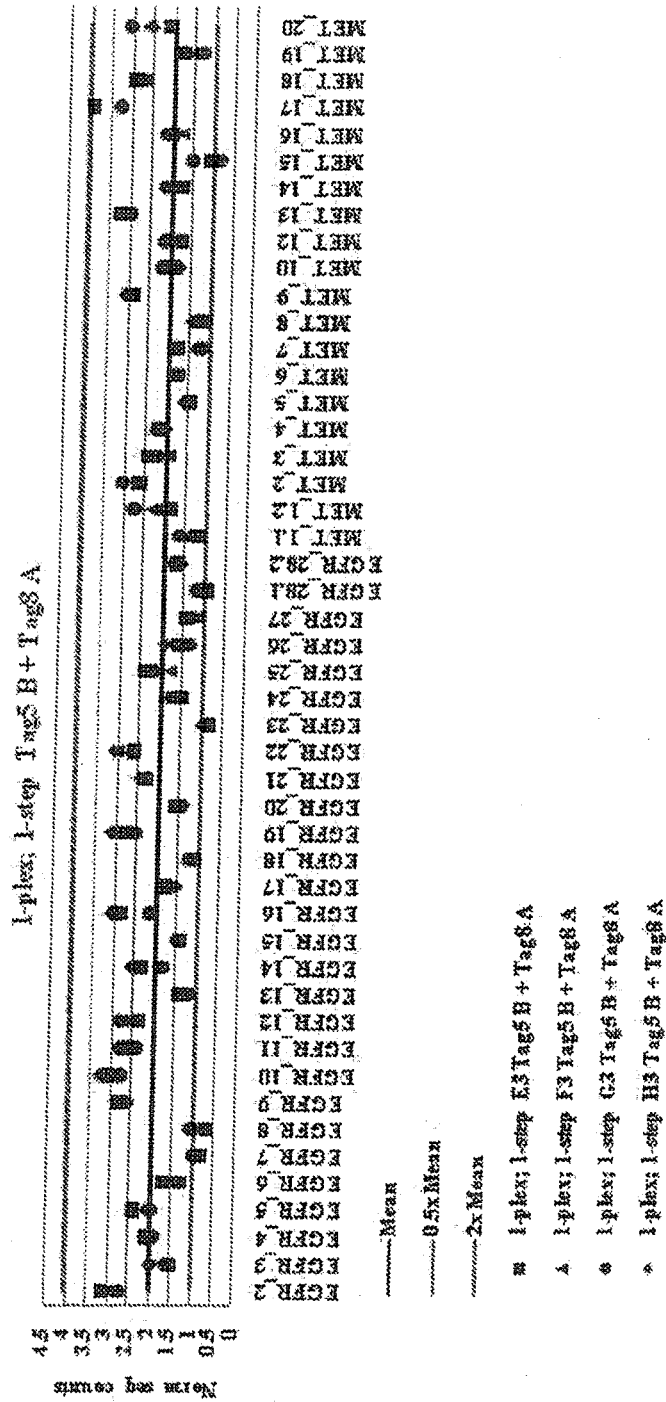


Fig. 16A

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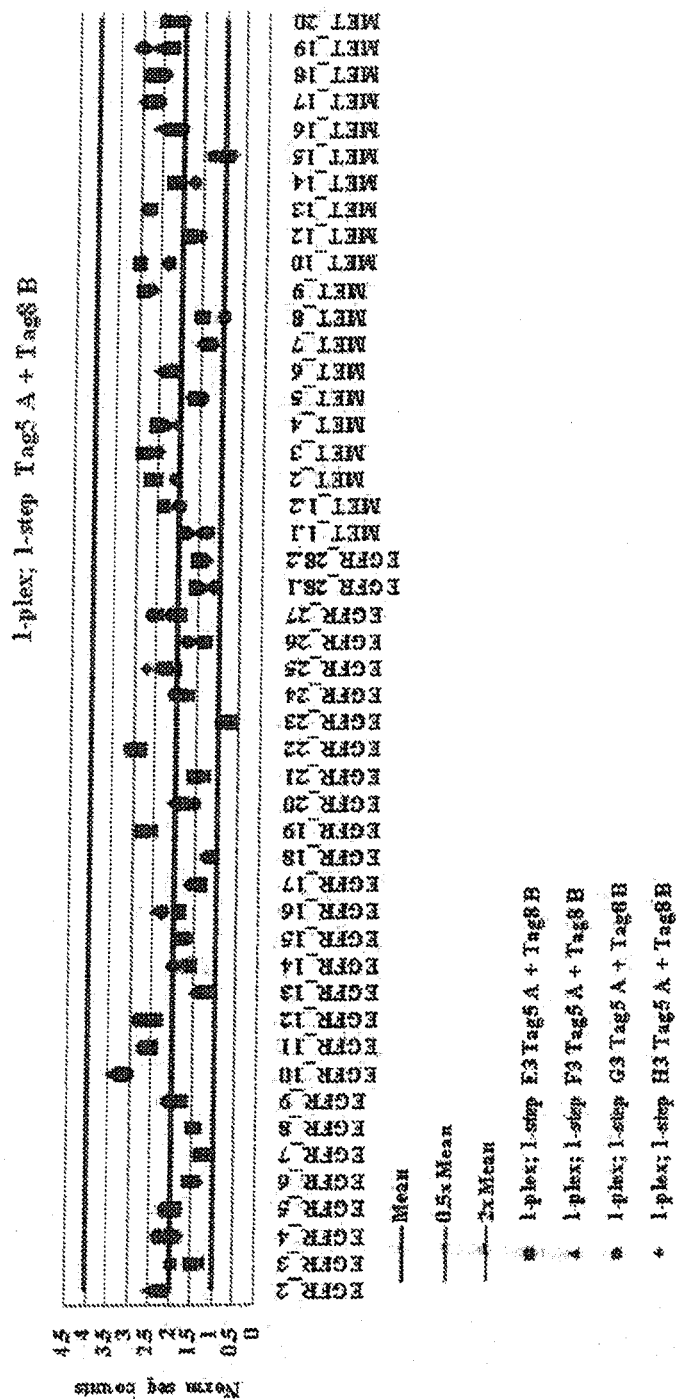


Fig. 16B

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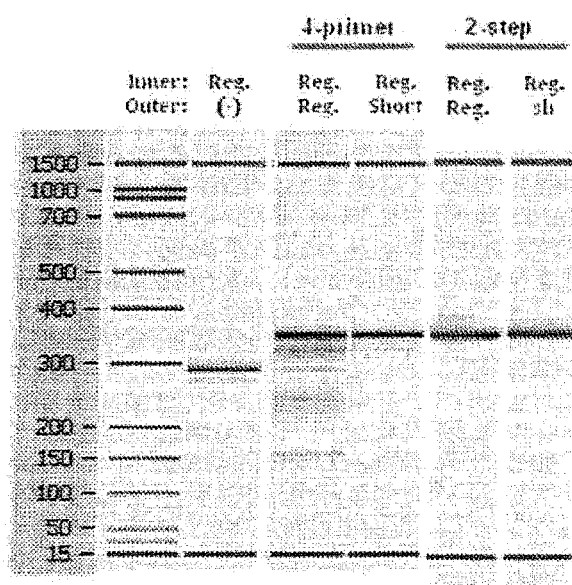
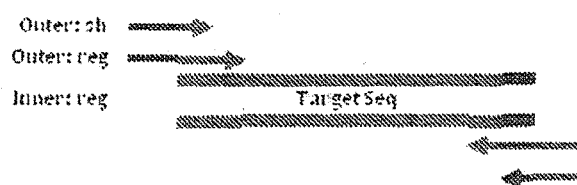


Fig. 17

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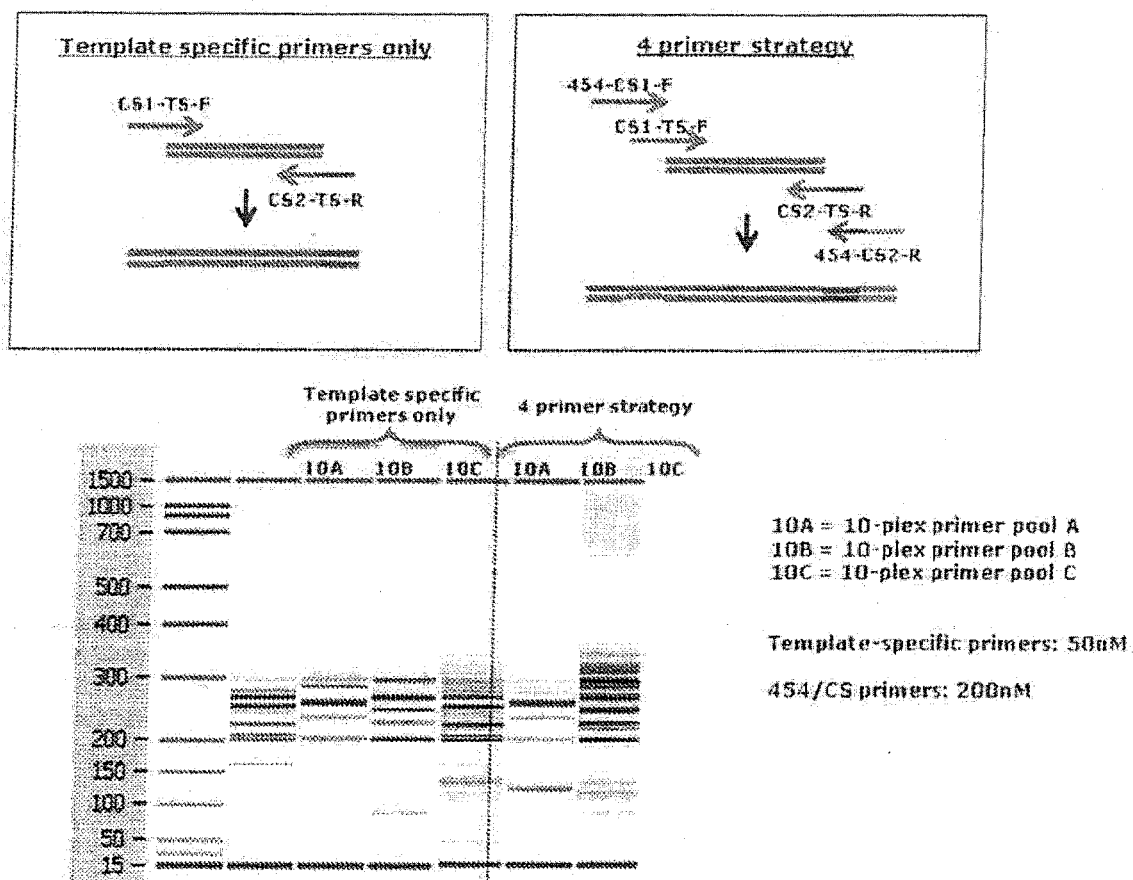
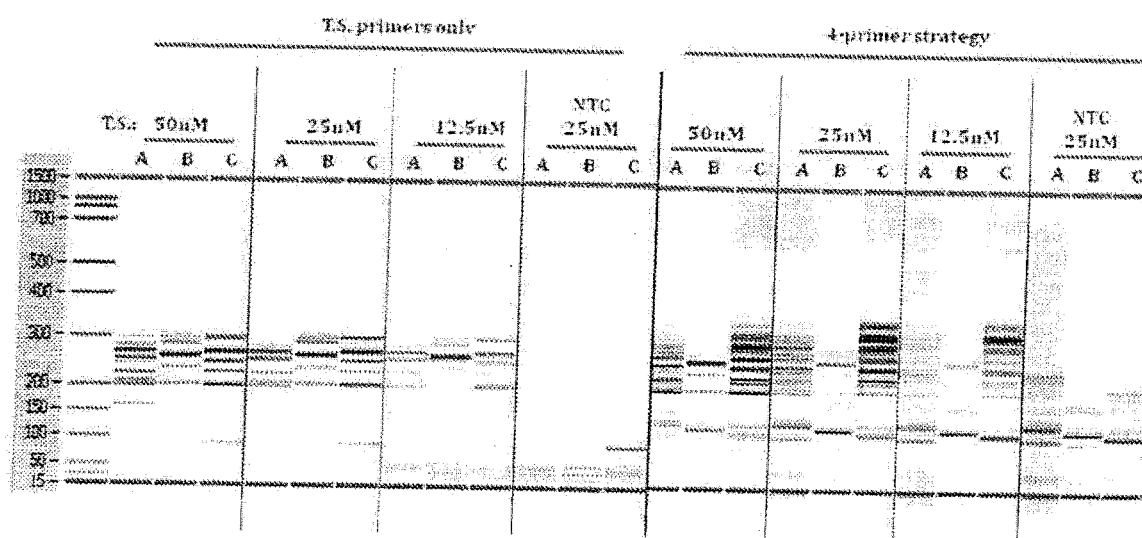


Fig. 18

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**Fig. 19**