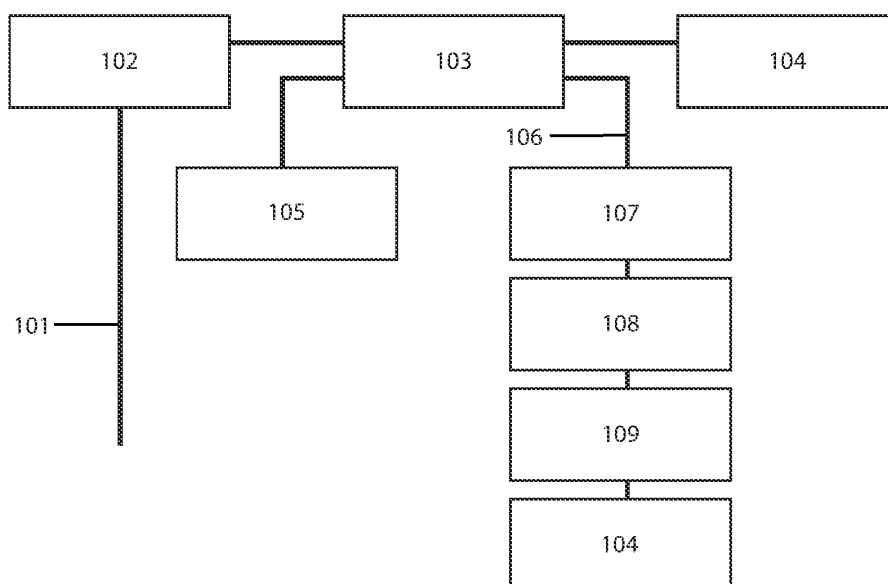
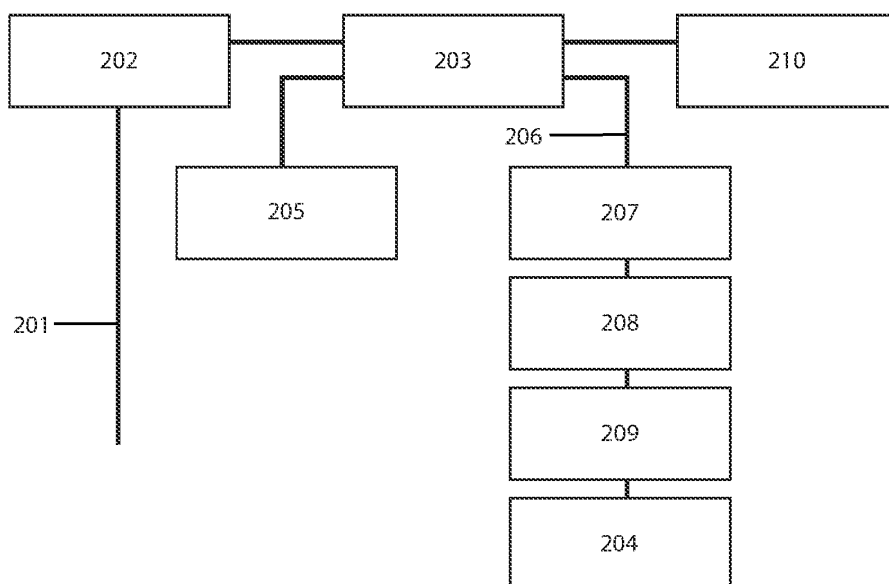
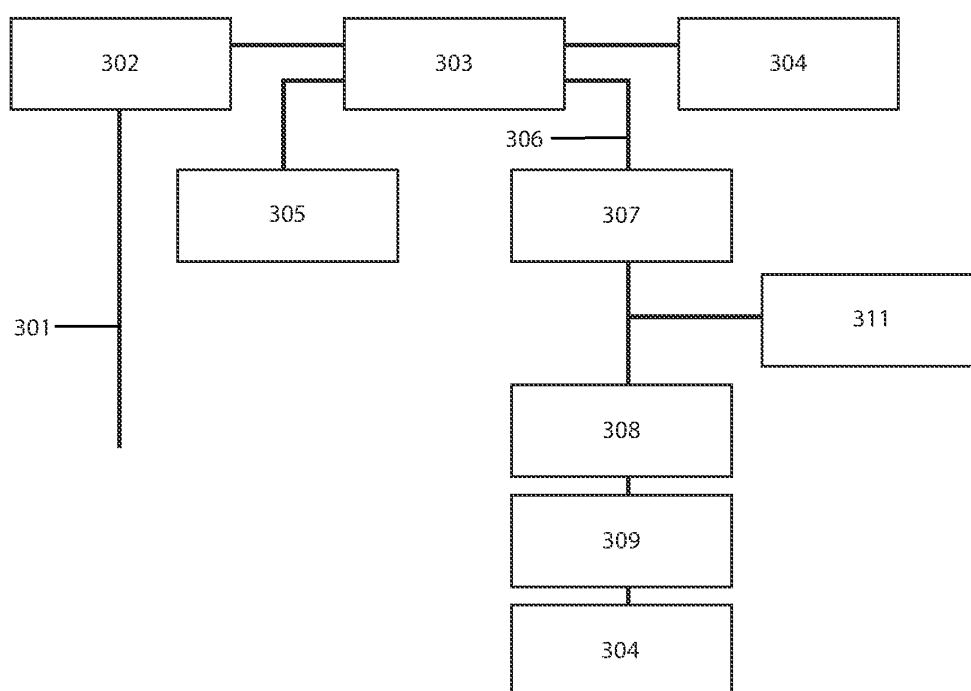
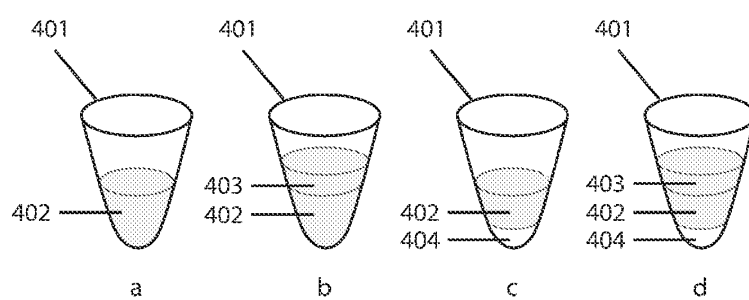
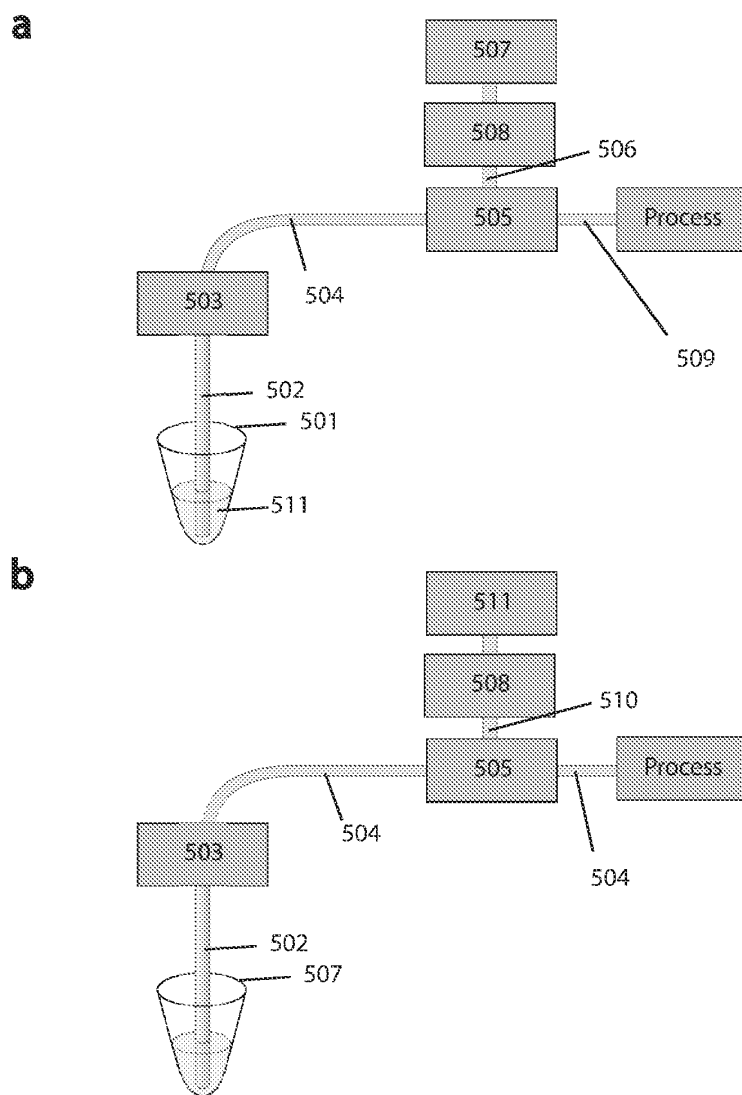


**Figure 1**

**Figure 2**

**Figure 3**

**Figure 4**

**Figure 5**

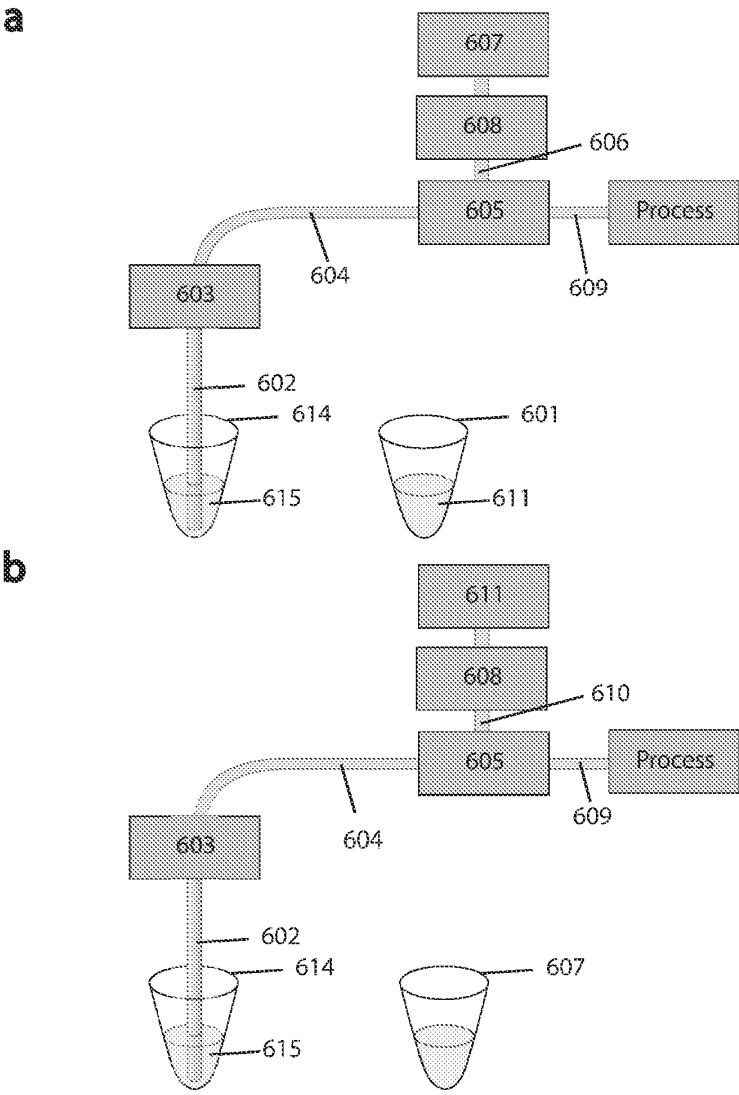
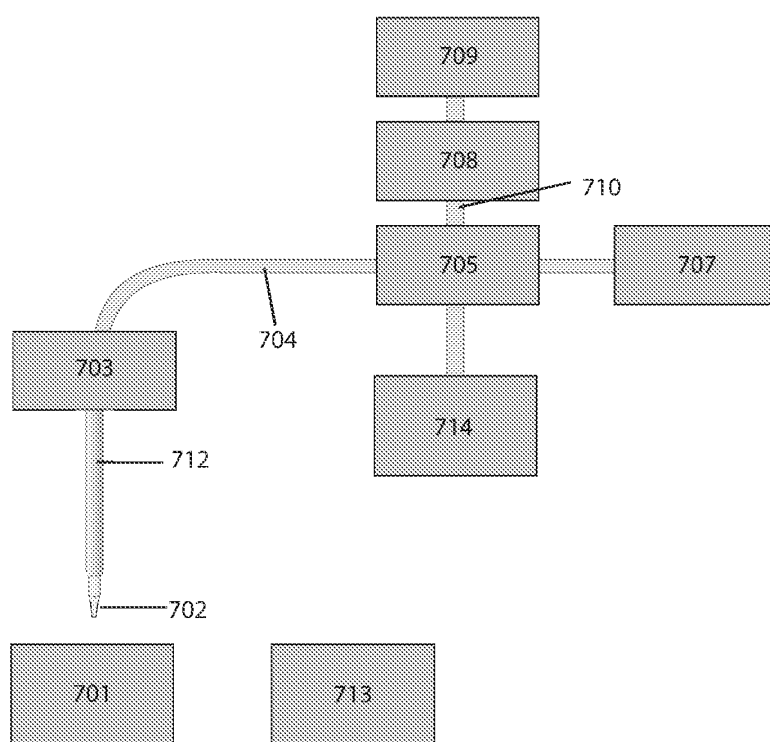
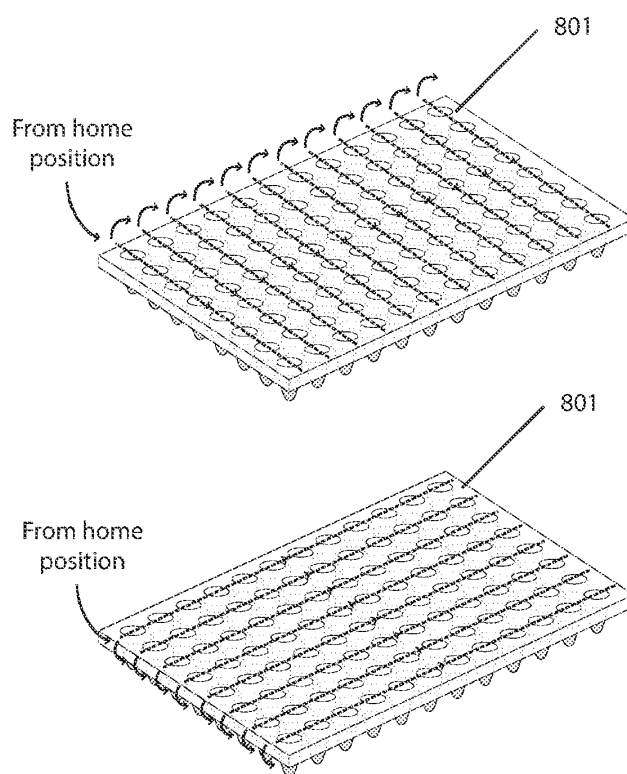
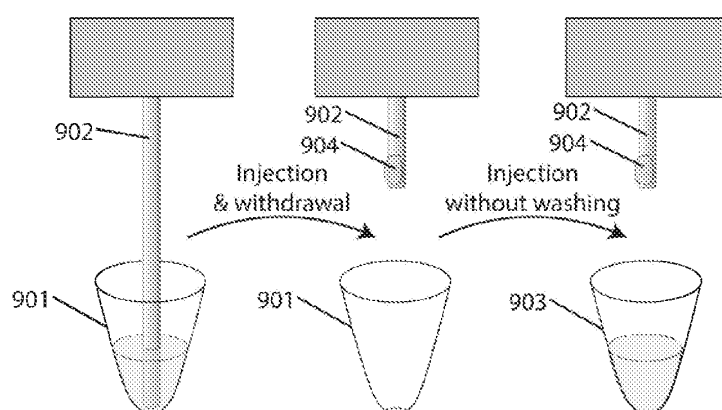
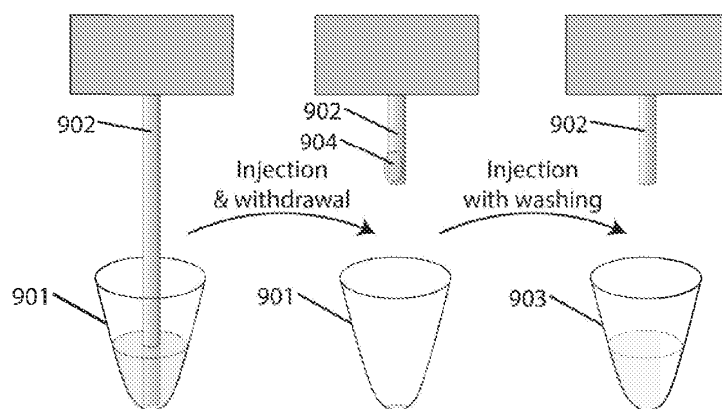
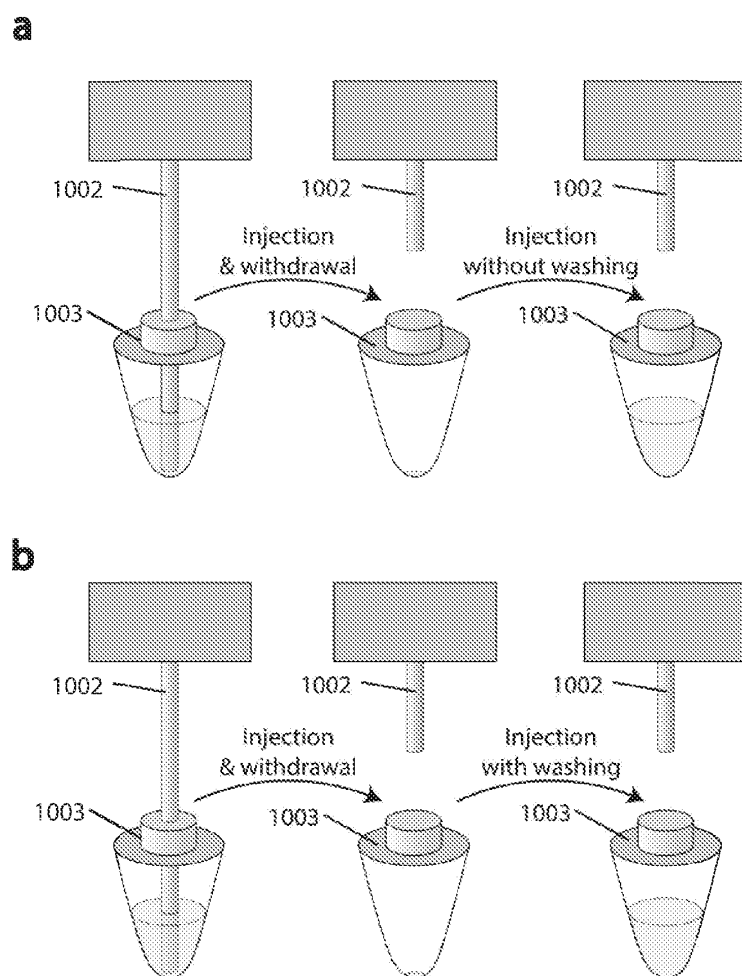


Figure 6

**Figure 7**

**Figure 8**

a**b****Figure 9**

**Figure 10**

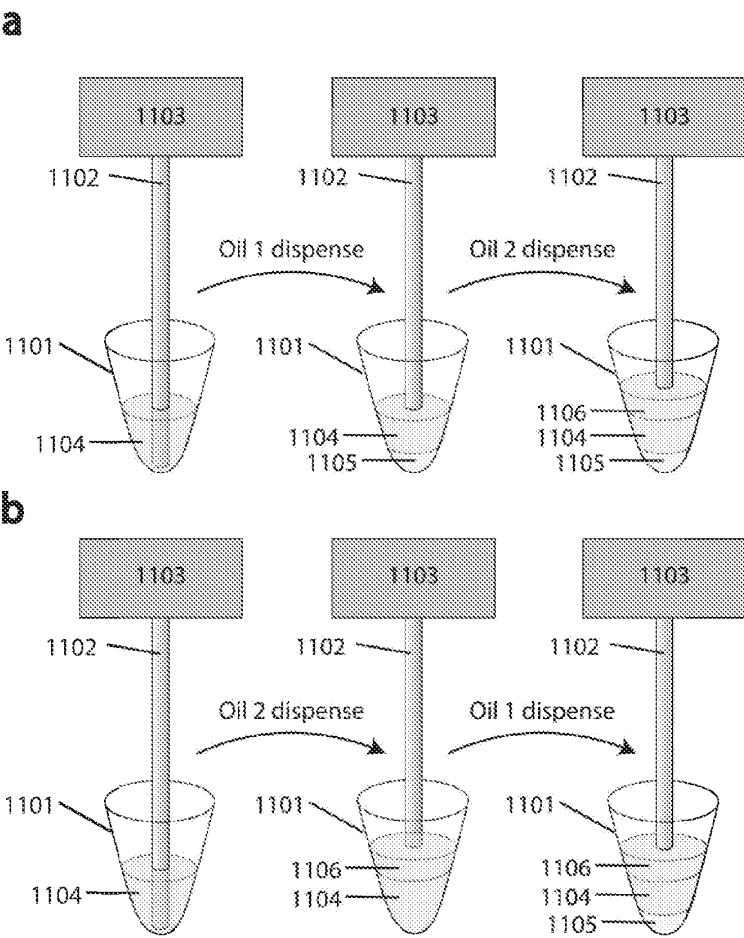


Figure 11

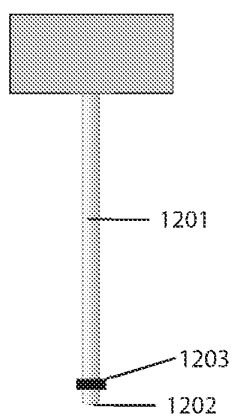
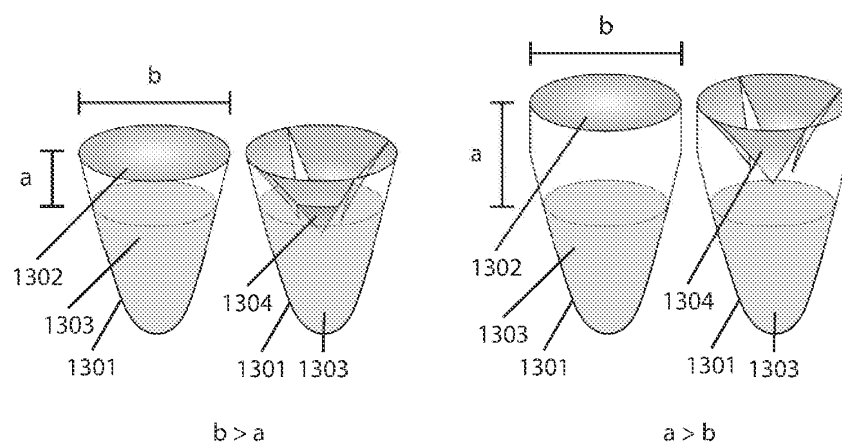


Figure 12

**Figure 13**

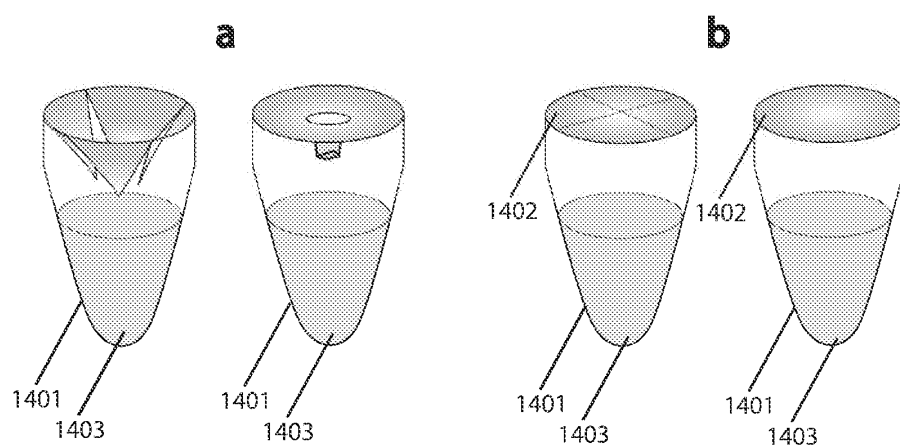
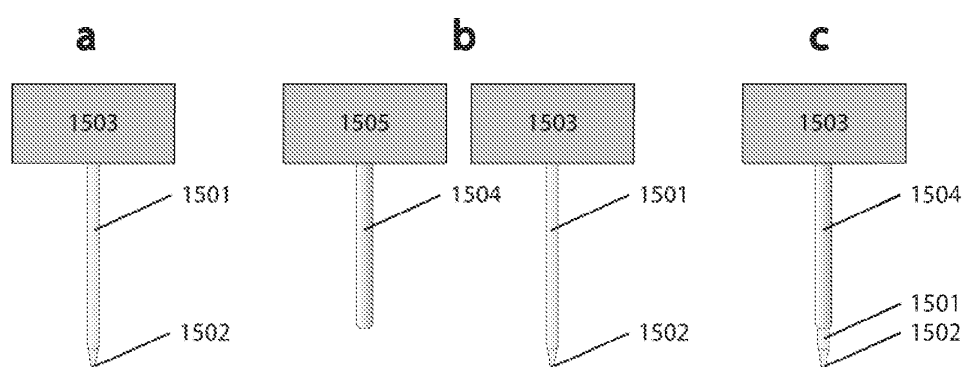
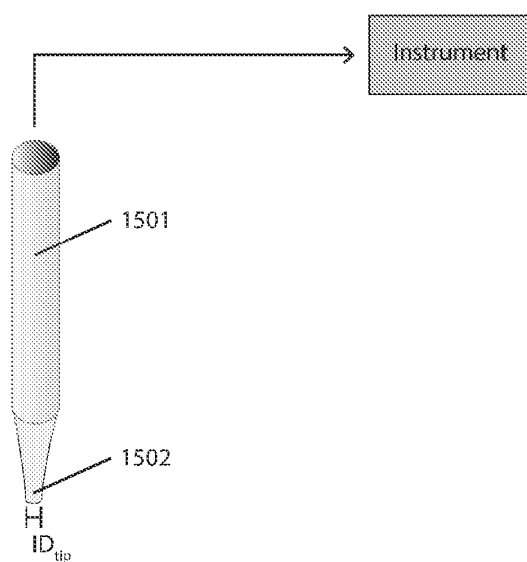
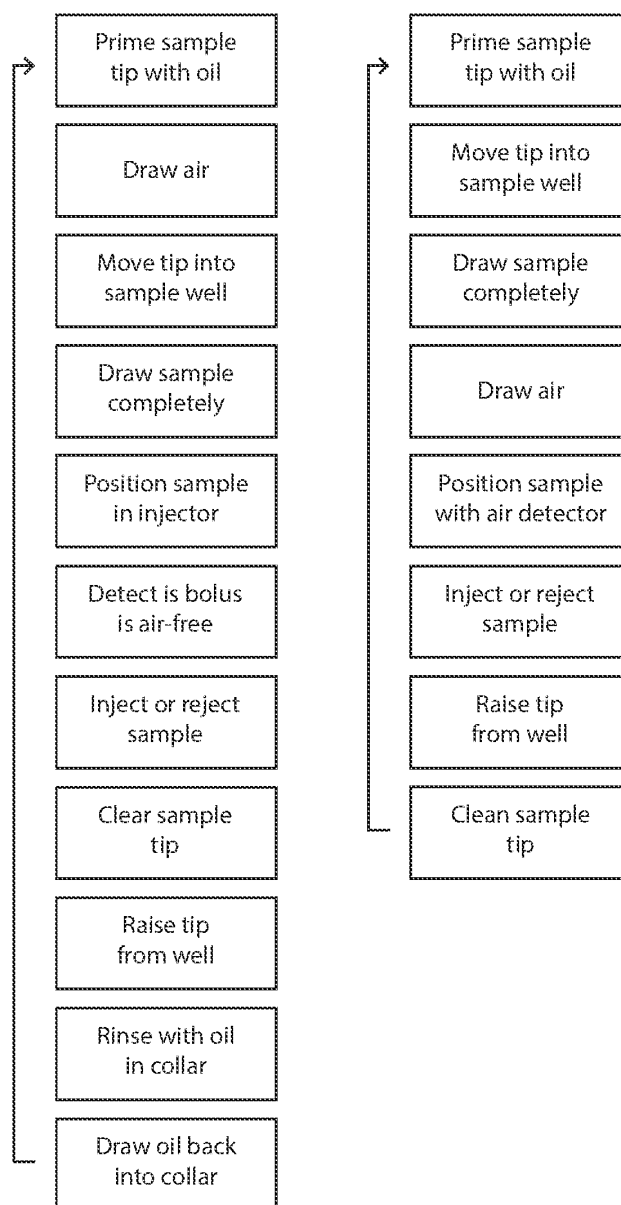
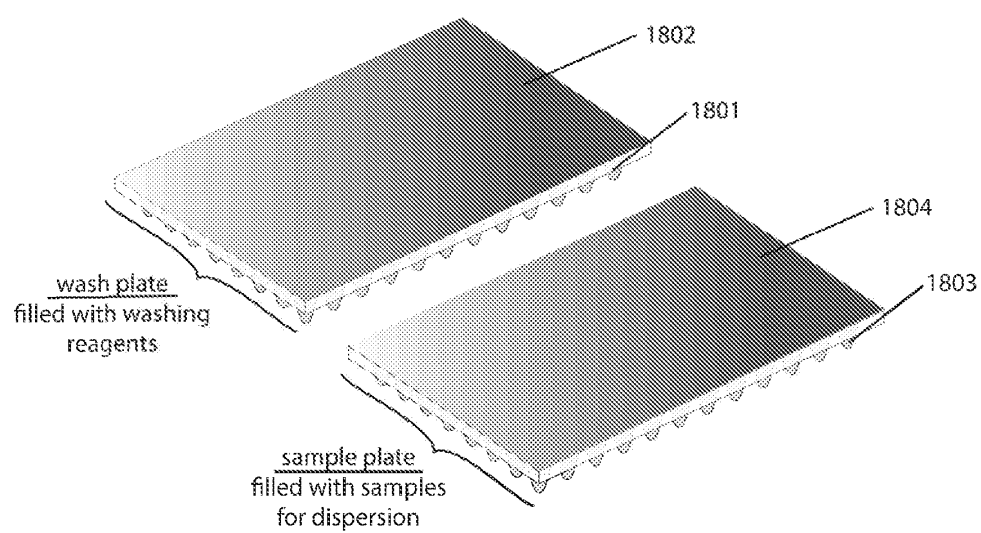


Figure 14

**Figure 15**

**Figure 16**

**Figure 17**

**Figure 18**

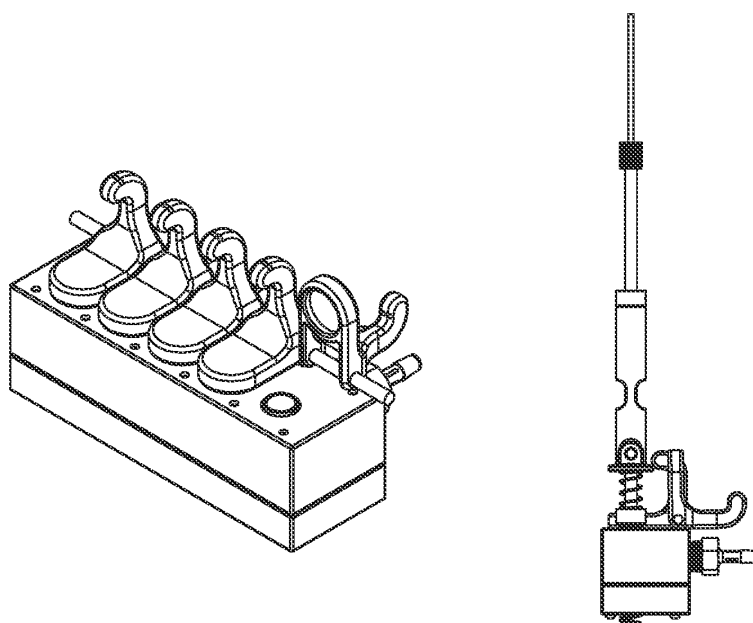


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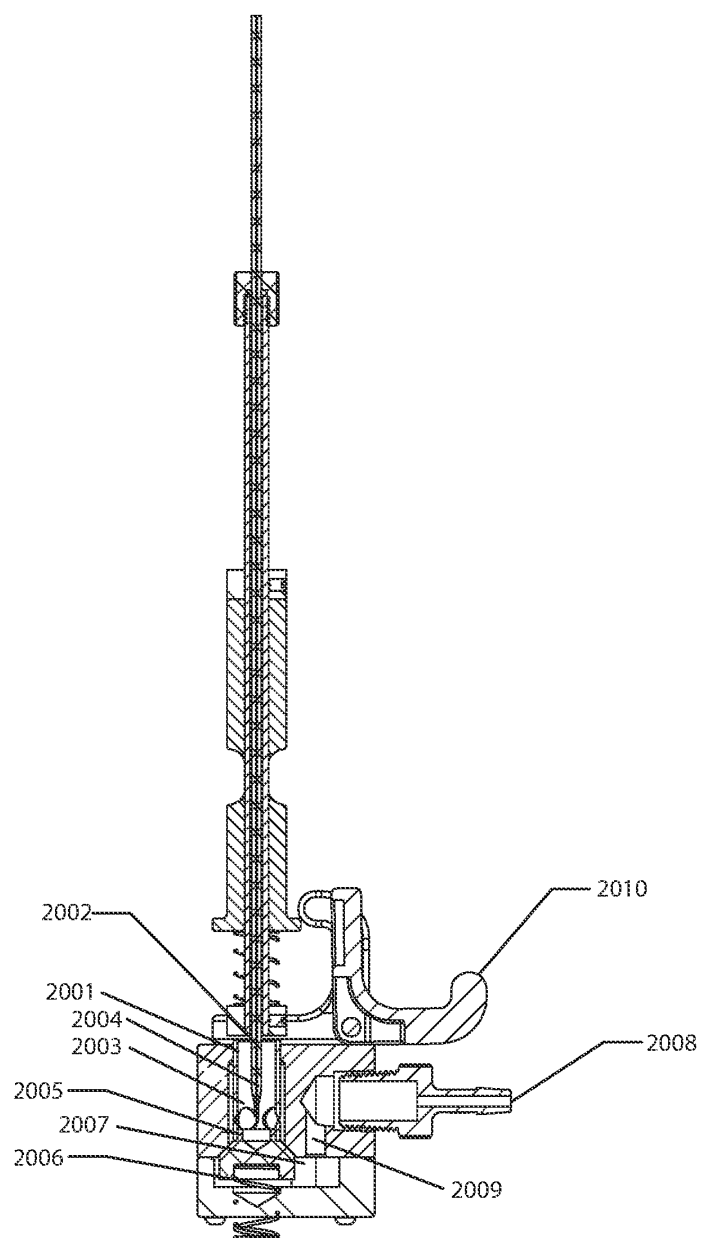


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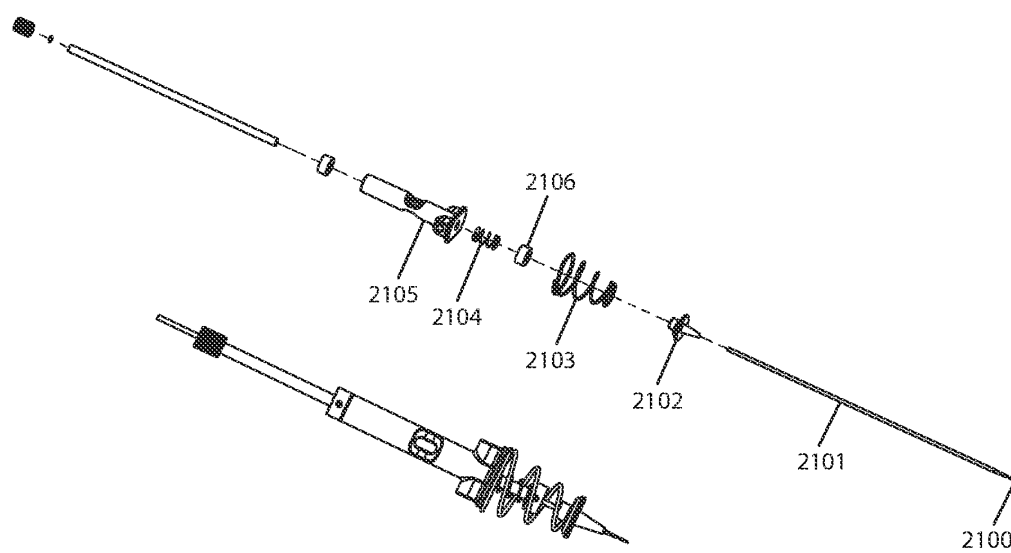
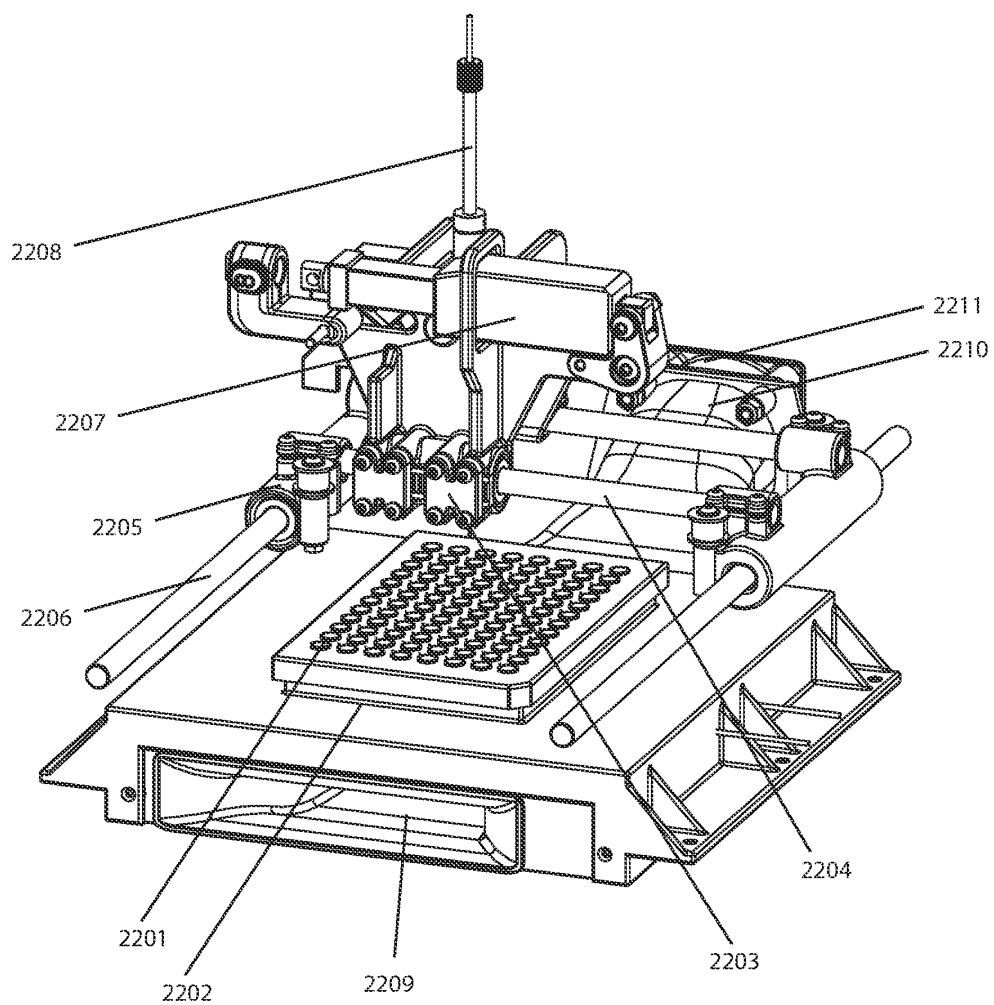


Figure 21

**Figure 22**

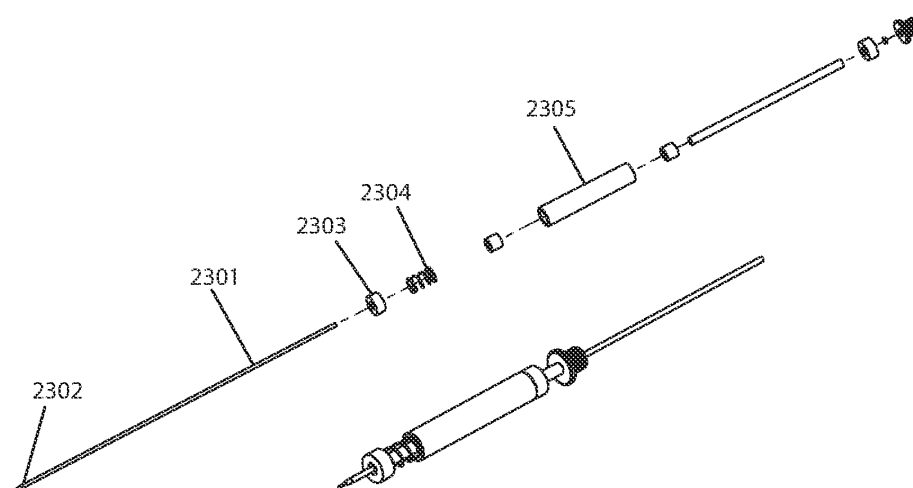
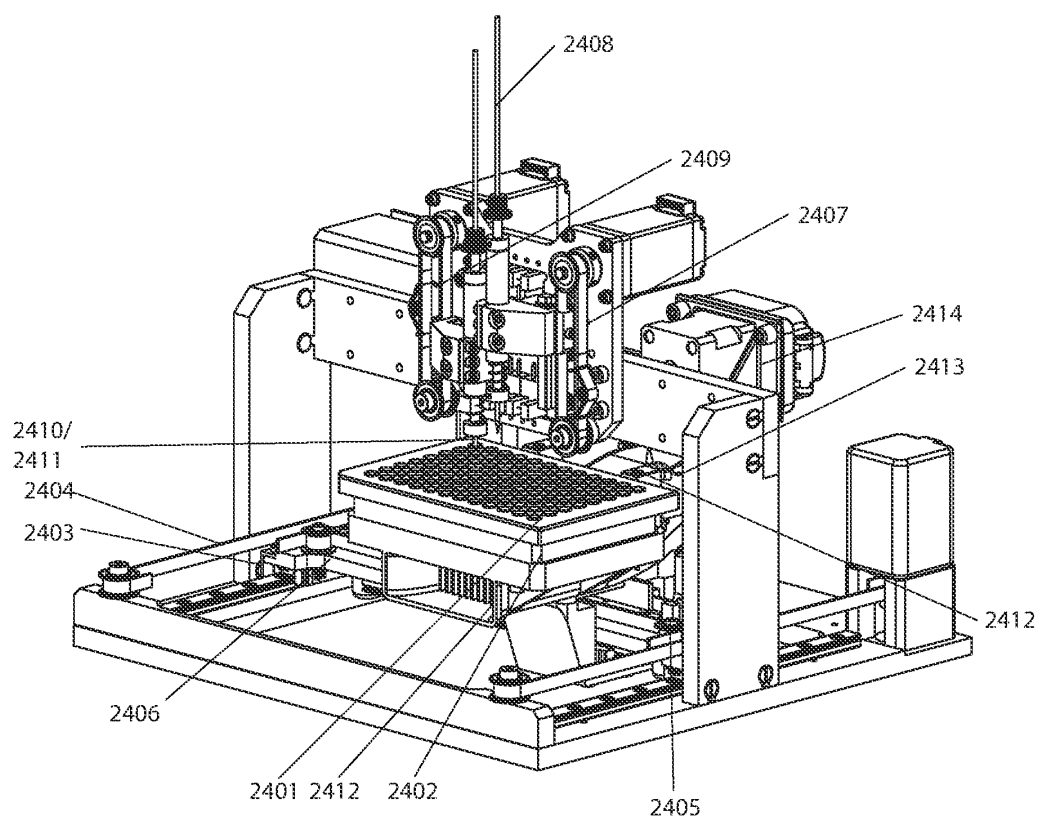
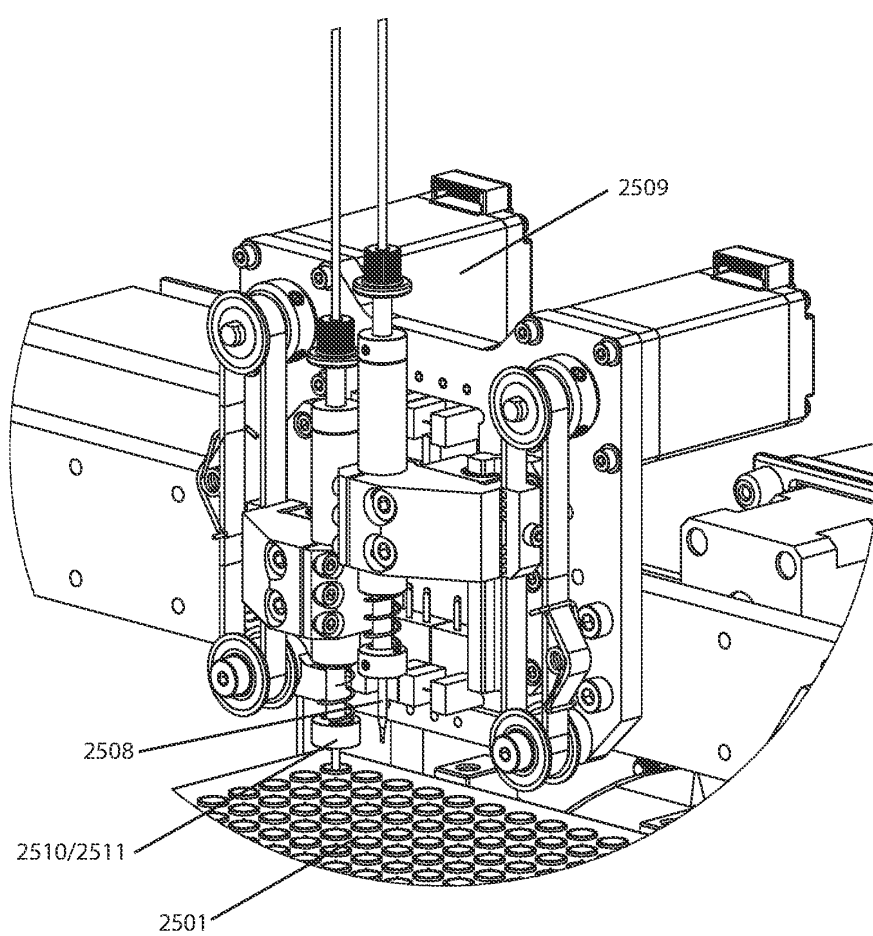
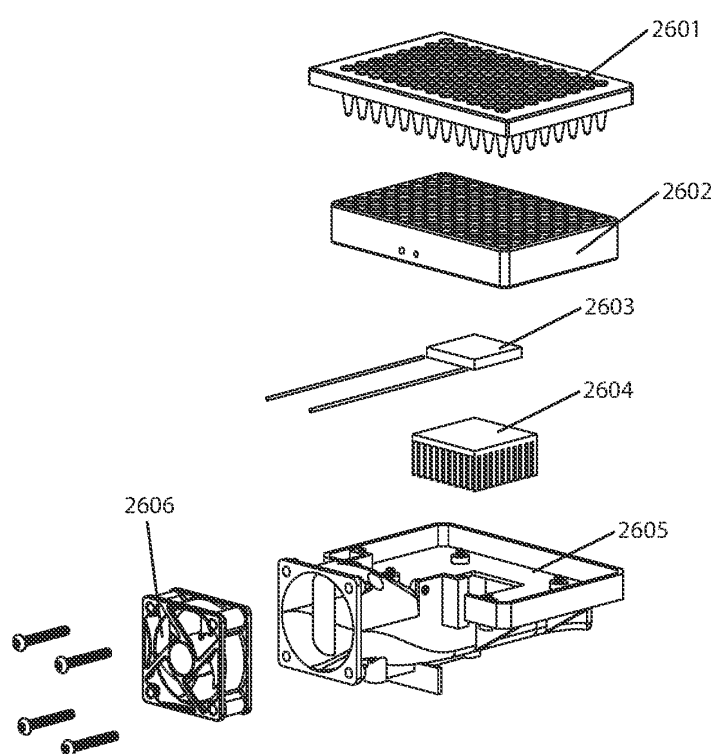
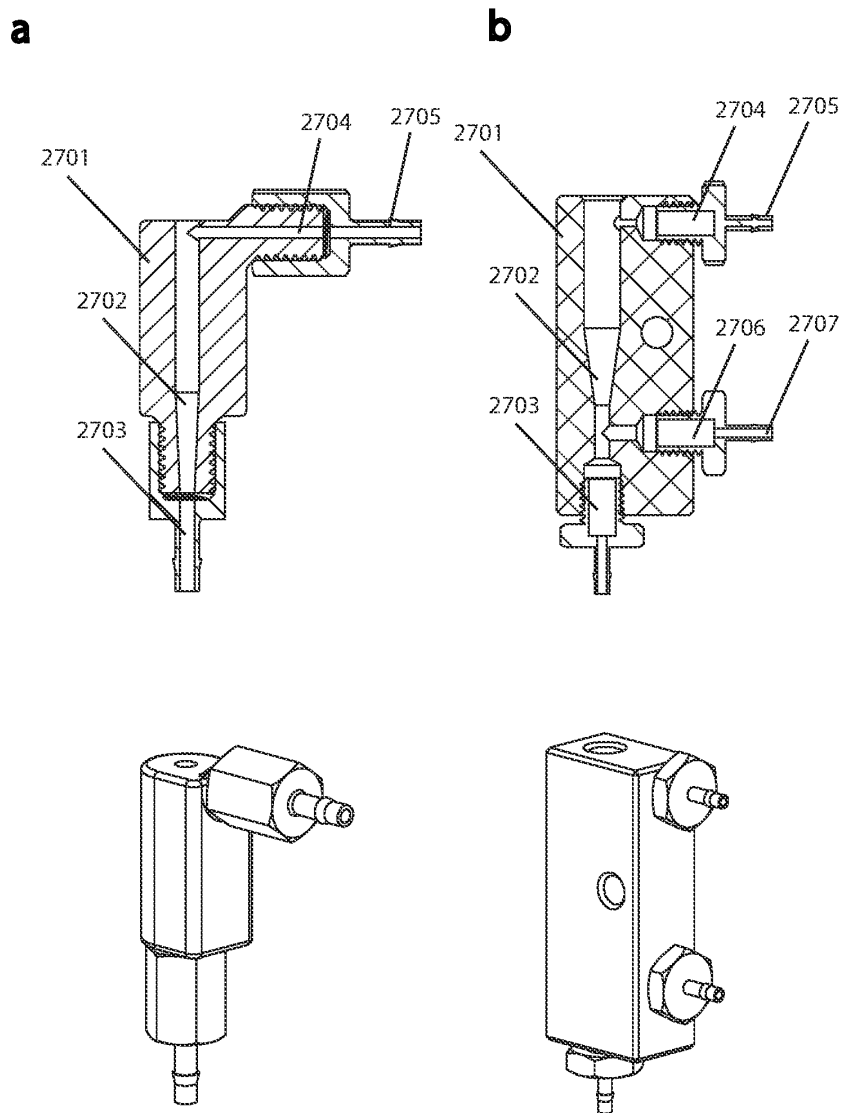


Figure 23

**Figure 24**

**Figure 25**

**Figure 26**

**Figure 27**

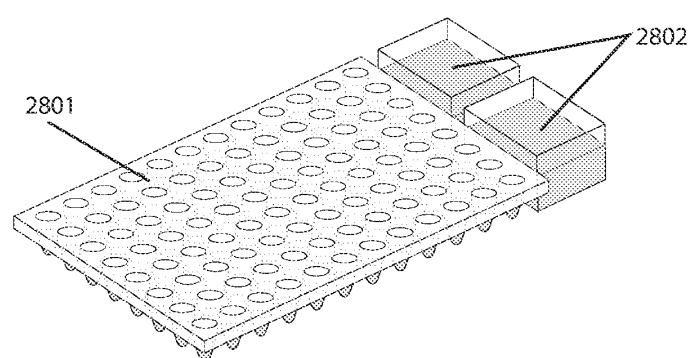


Figure 28

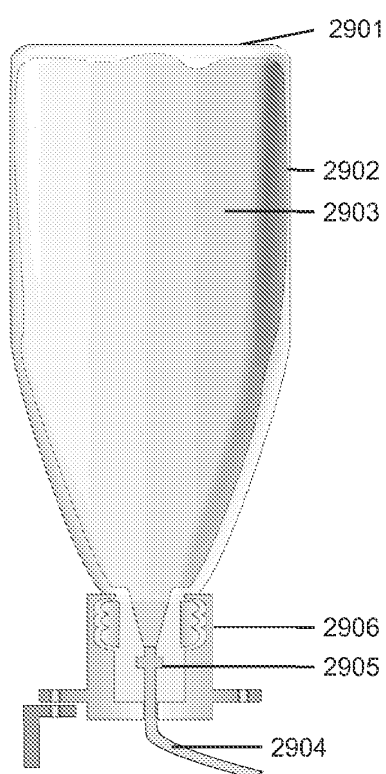
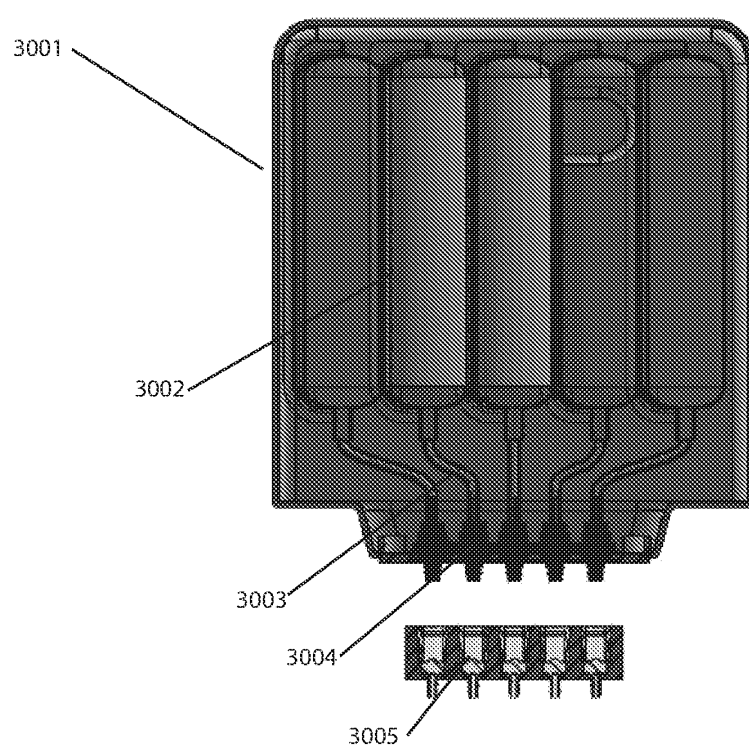
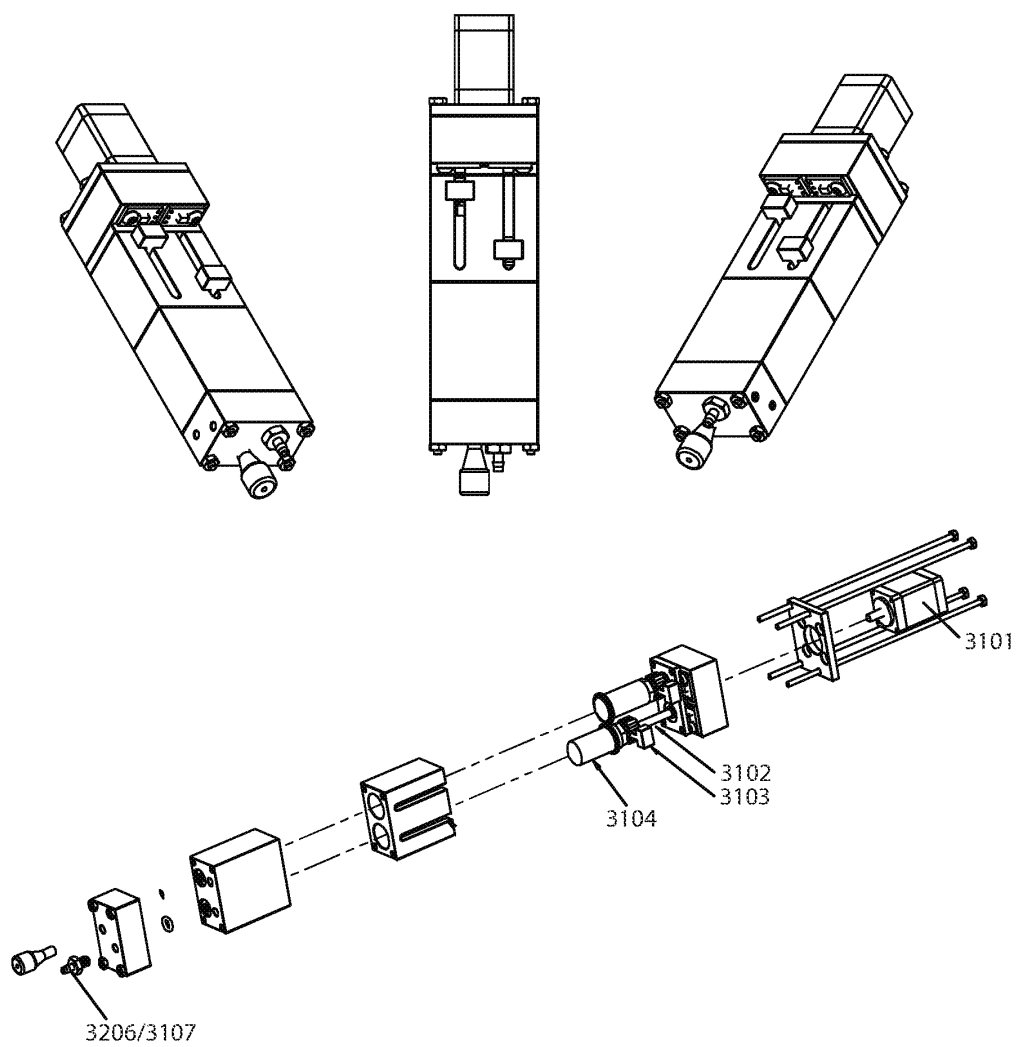
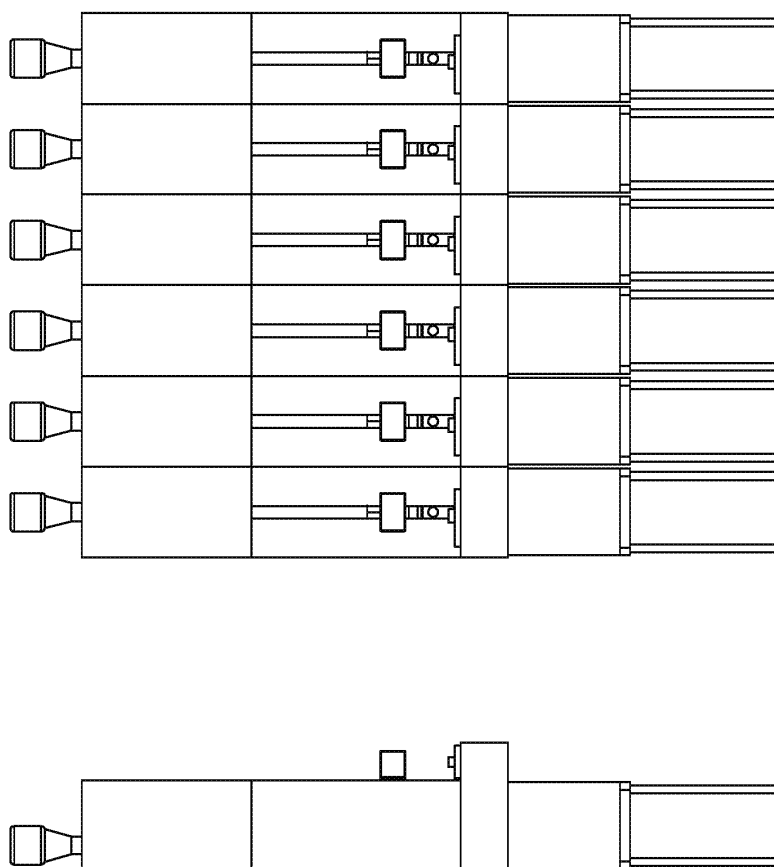


Figure 29

**Figure 30**

**Figure 31**

**Figure 32**

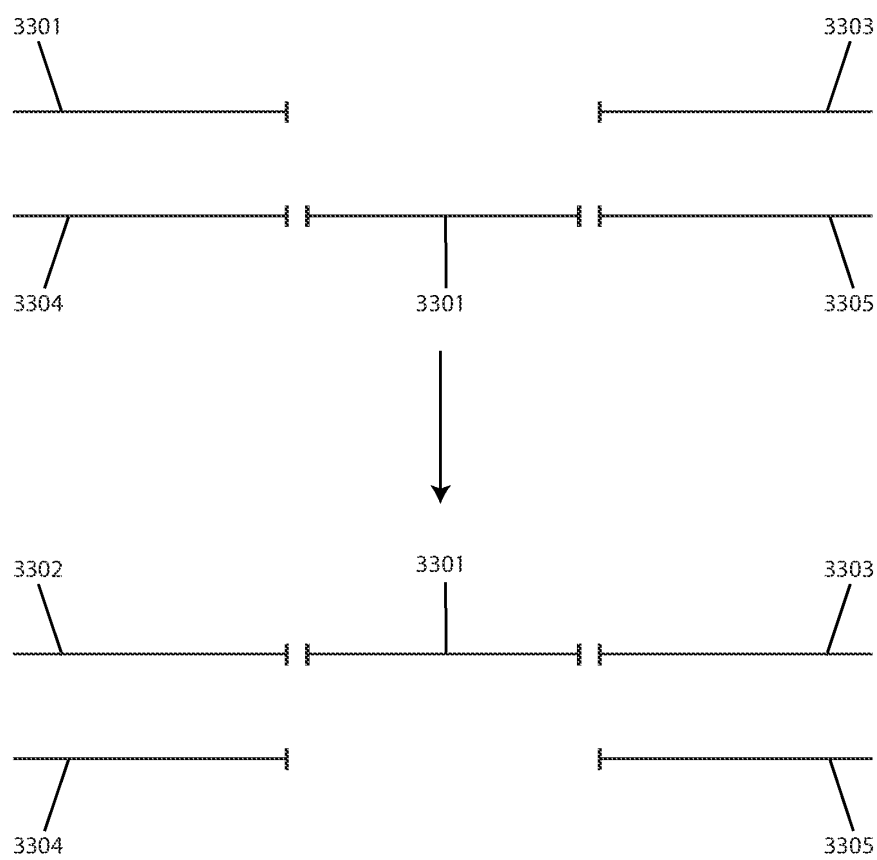


Figure 33

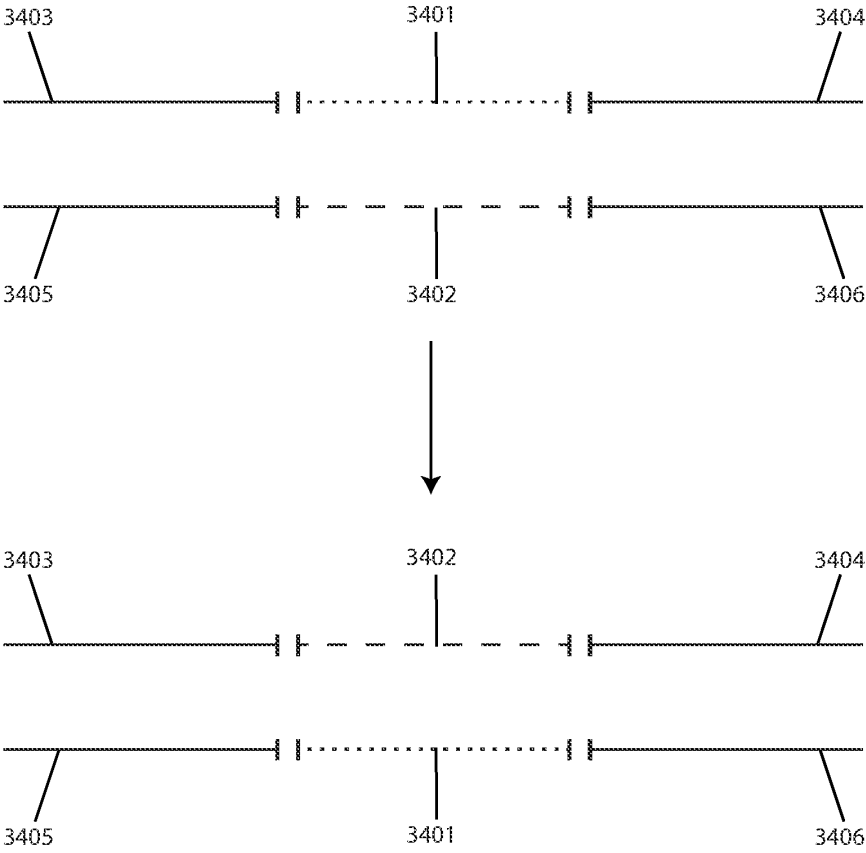


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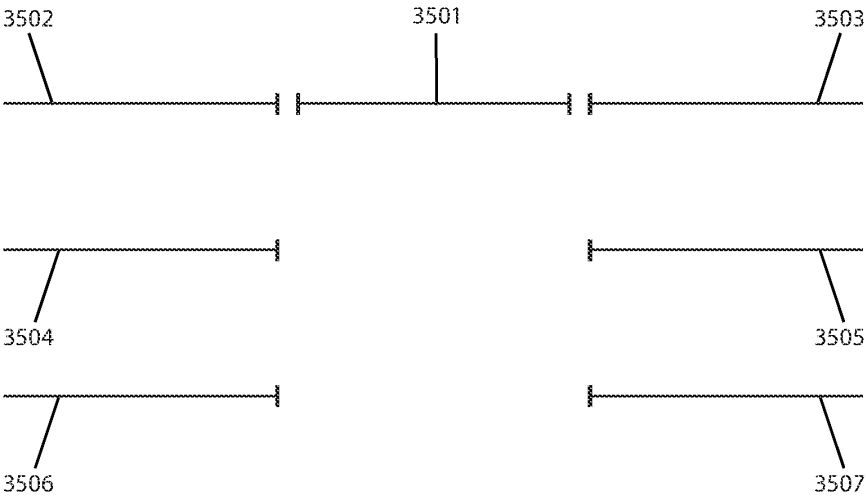
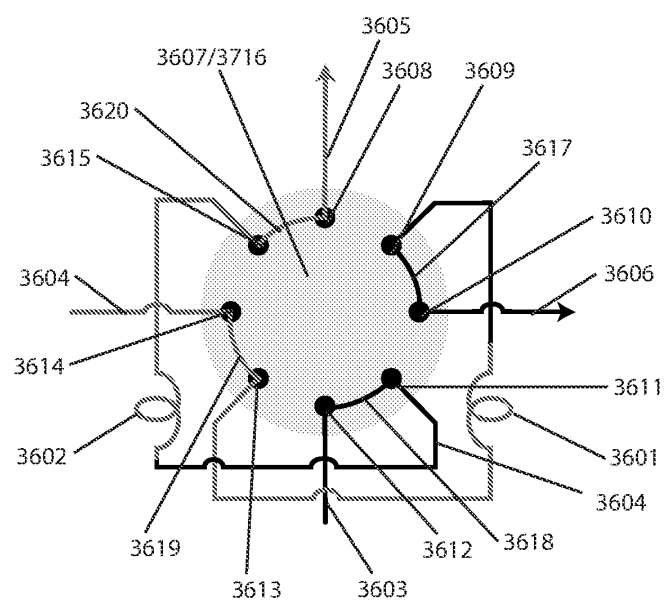
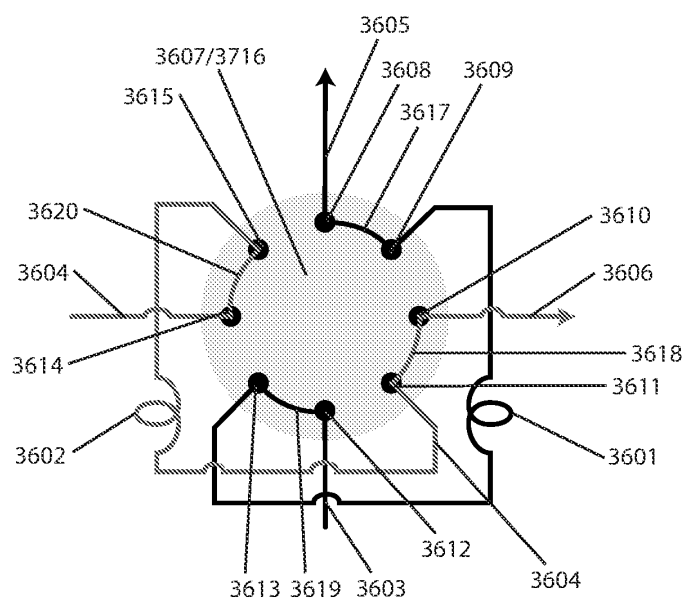


Figure 35

**Figure 36**

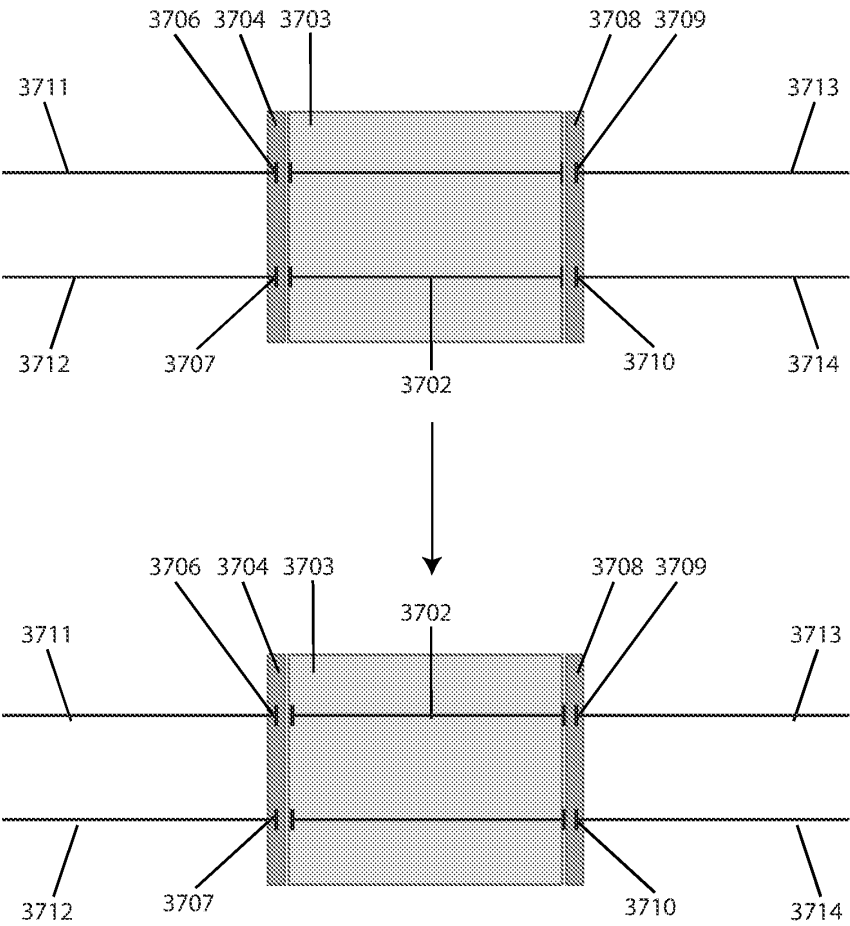


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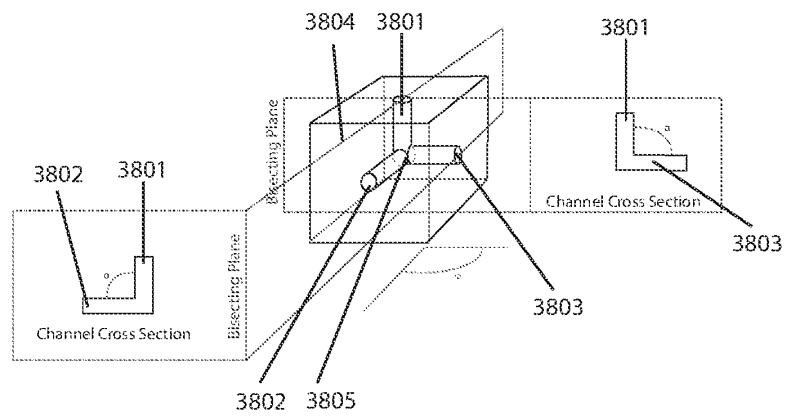
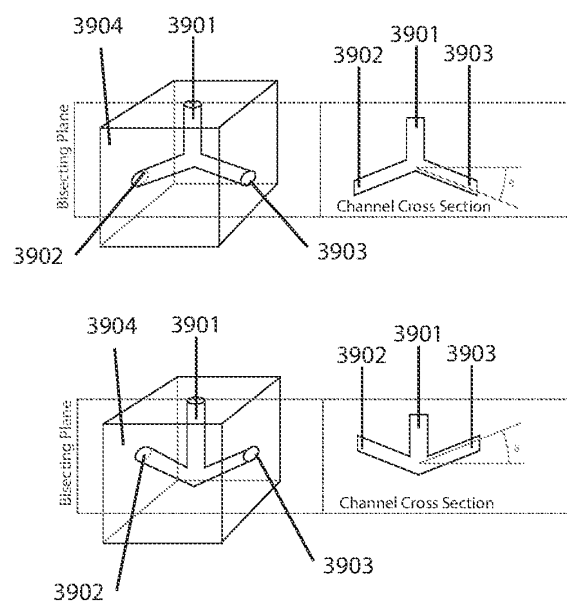
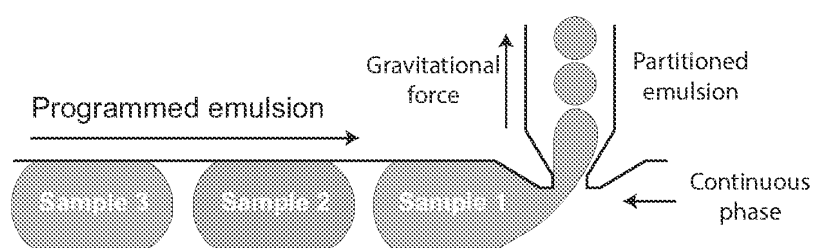
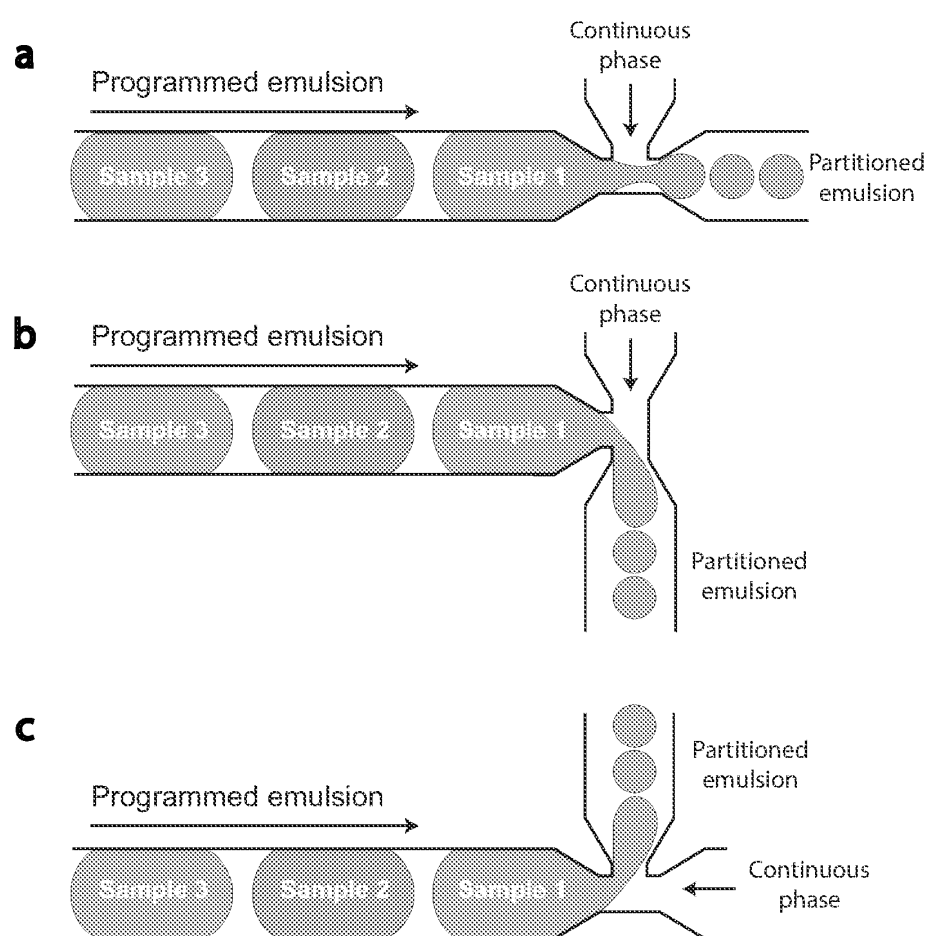
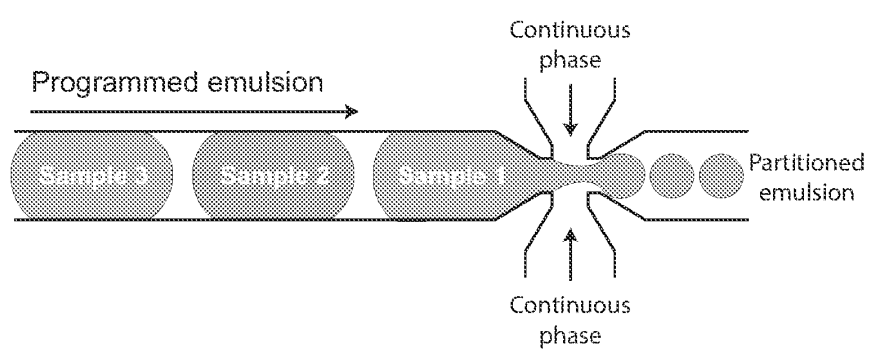


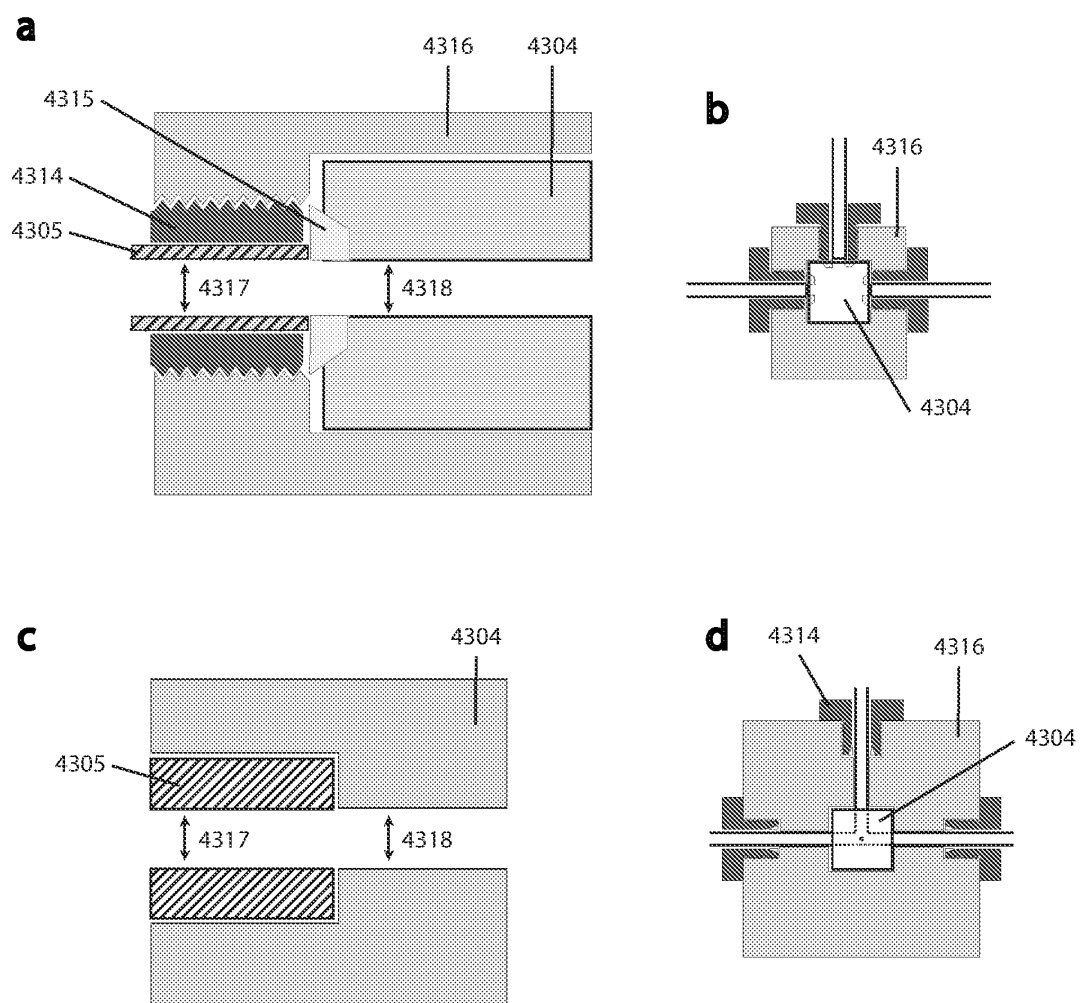
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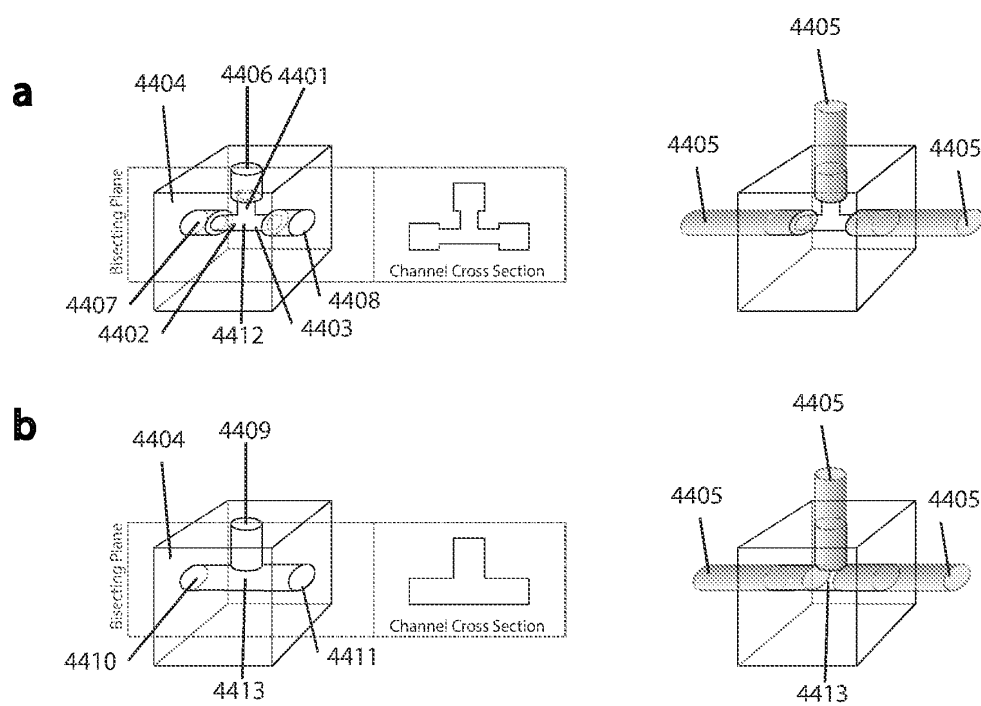
**Figure 39**

**Figure 40**

**Figure 41**

**Figure 42**

**Figure 43**

**Figure 44**

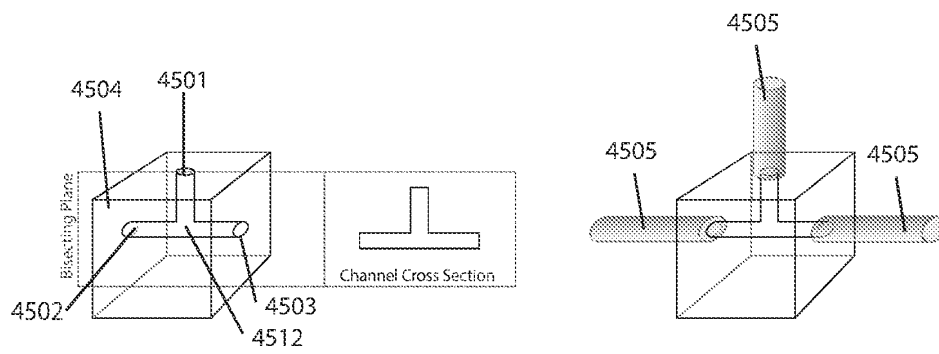
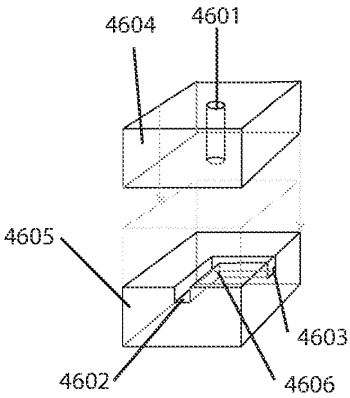


Figure 45

a



b

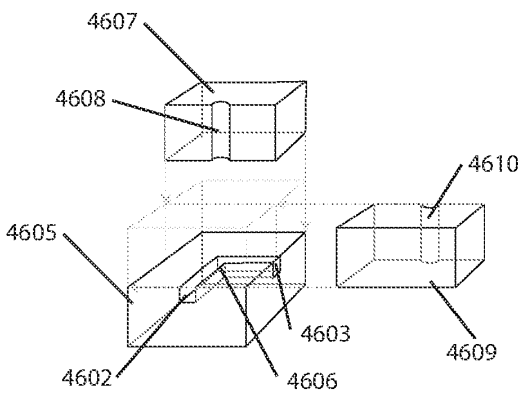
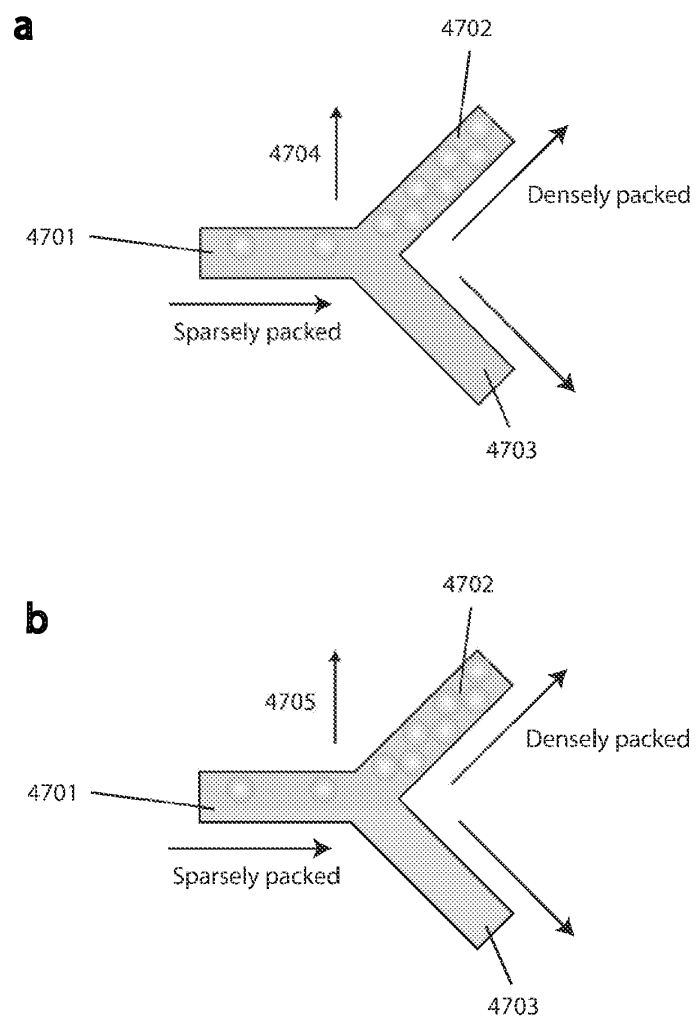
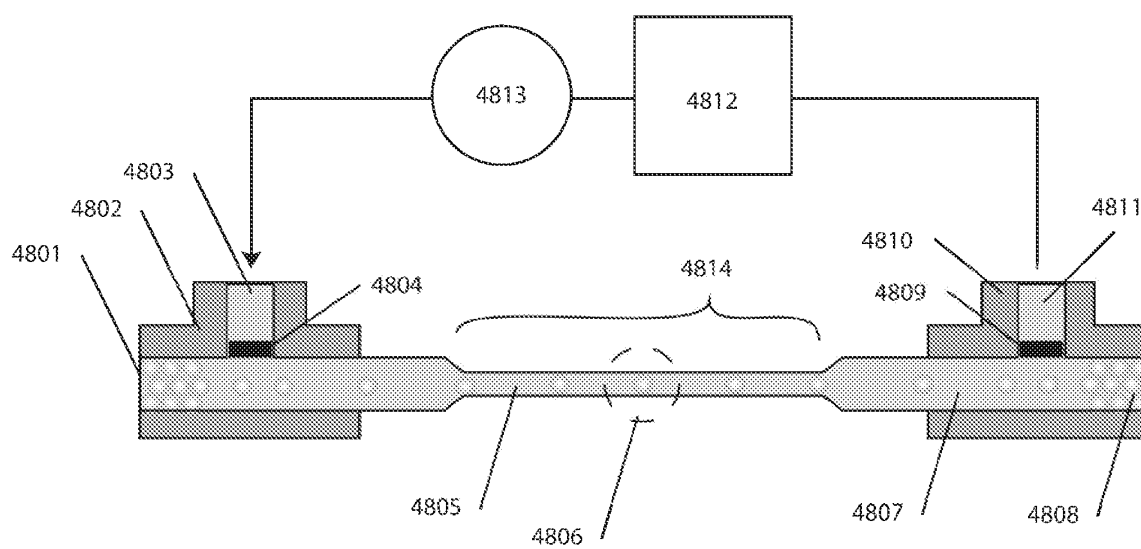
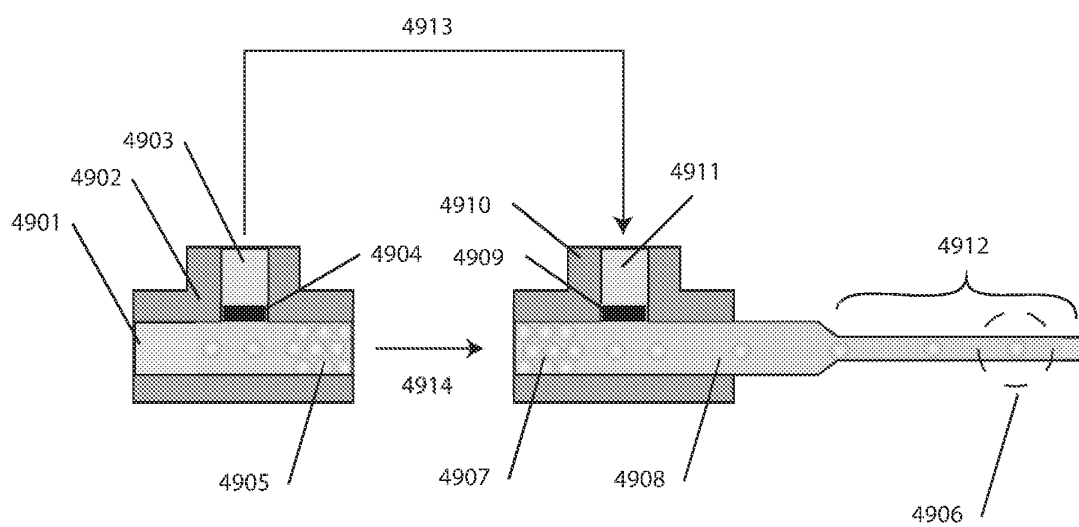


Figure 46

**Figure 47**

**Figure 48**

**Figure 49**

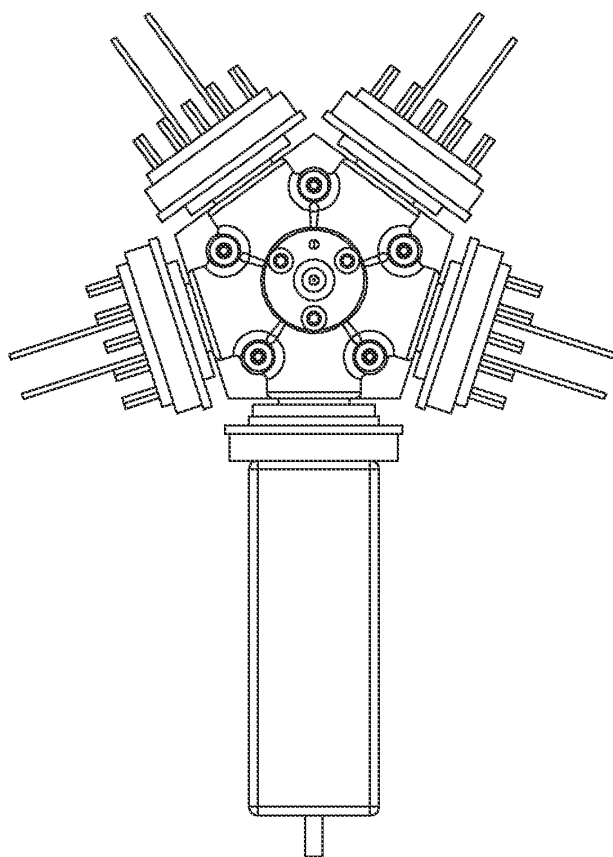
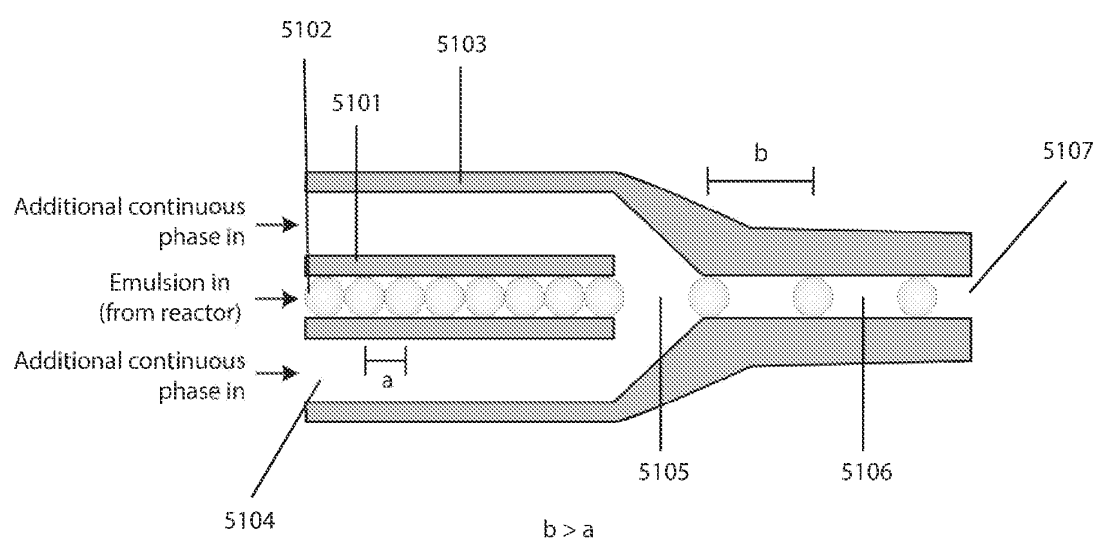
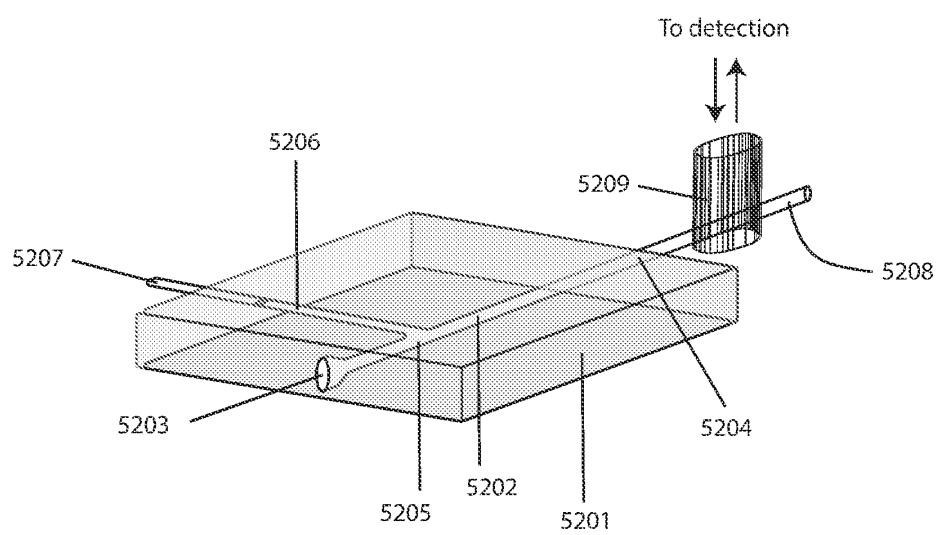


Figure 50

**Figure 51**

**Figure 52**

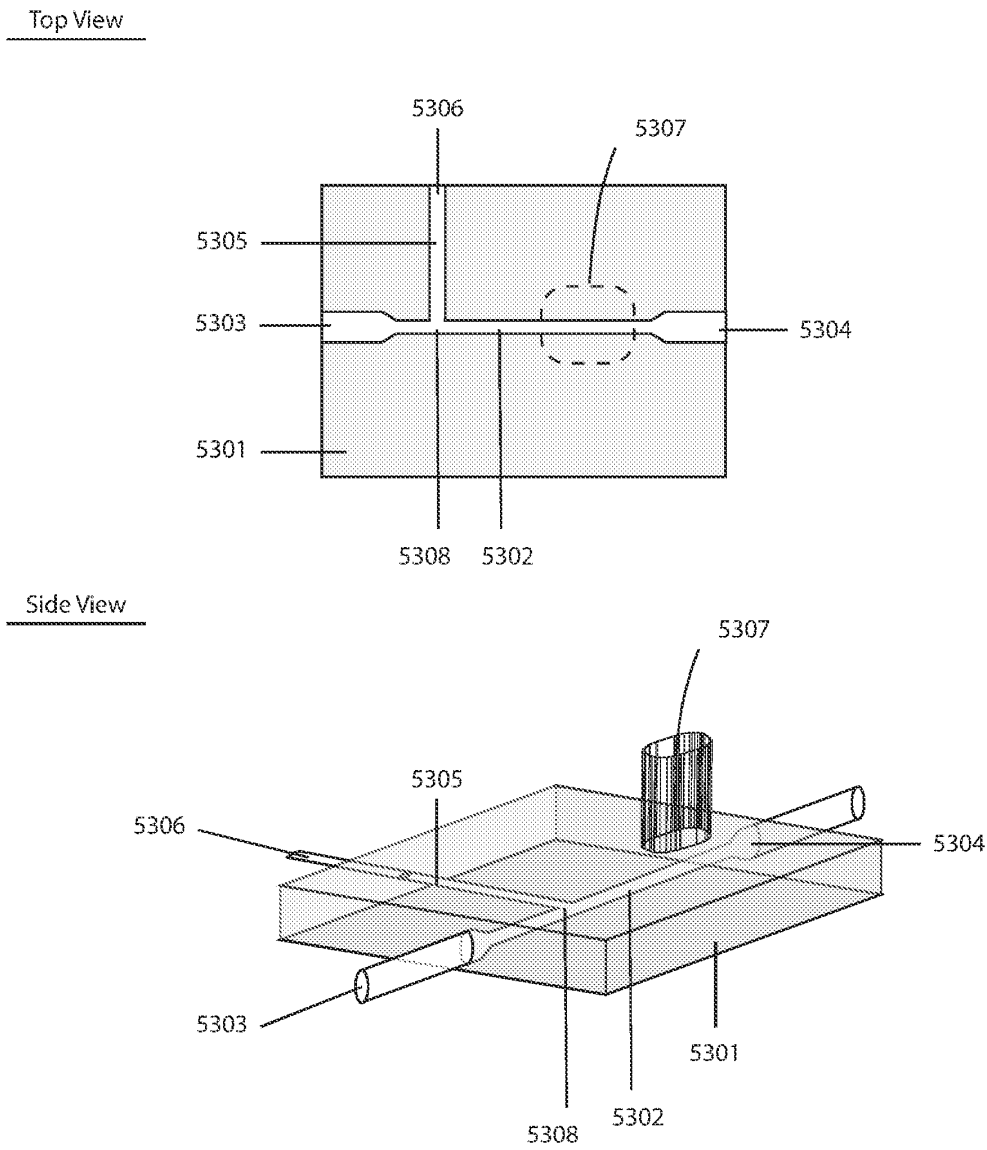
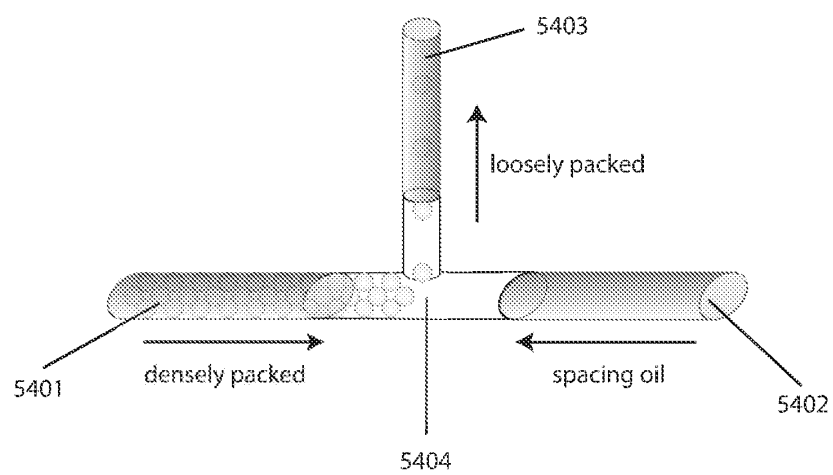
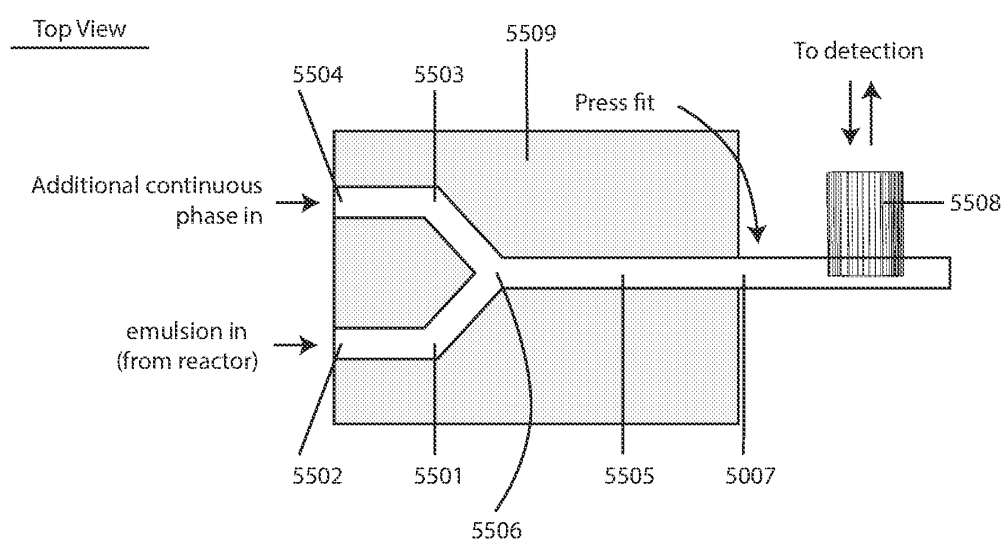
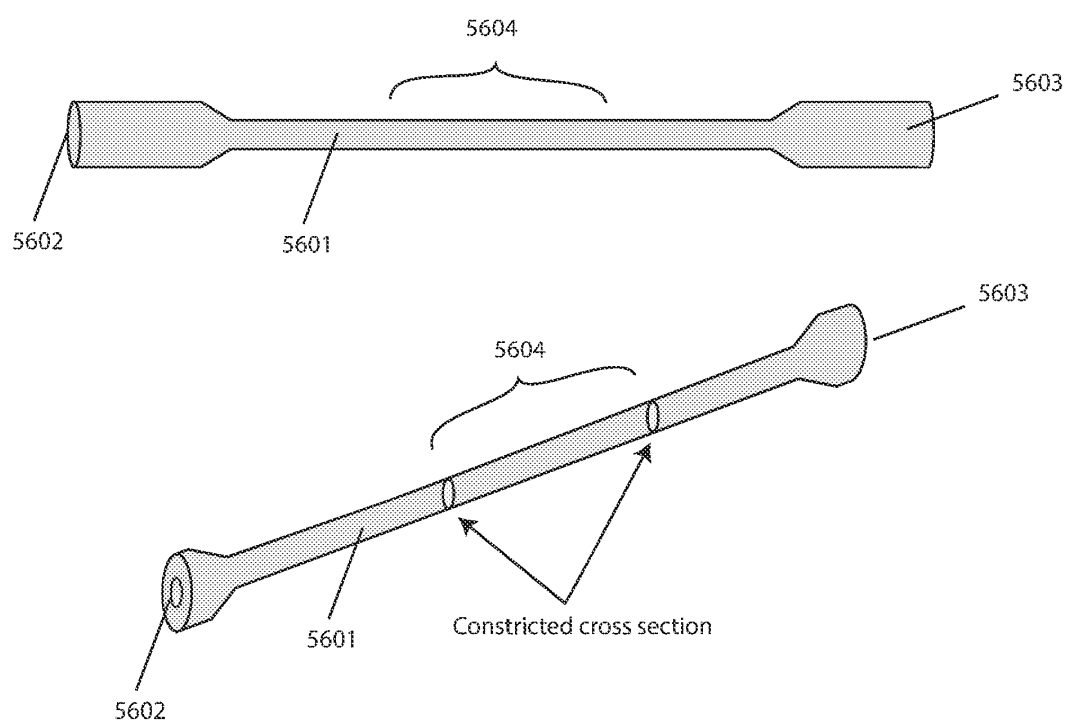
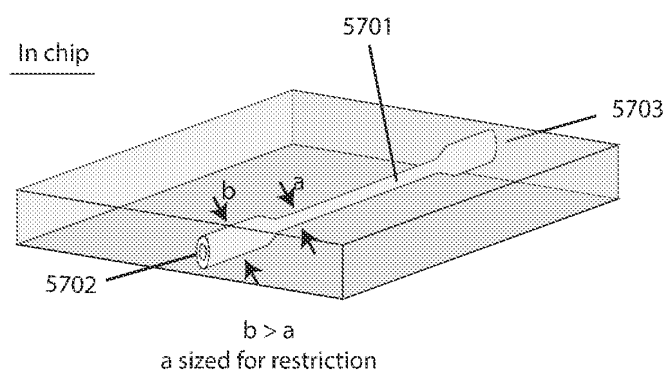


Figure 53

**Figure 54**

**Figure 55**

**Figure 56**



In cylinder/monolith

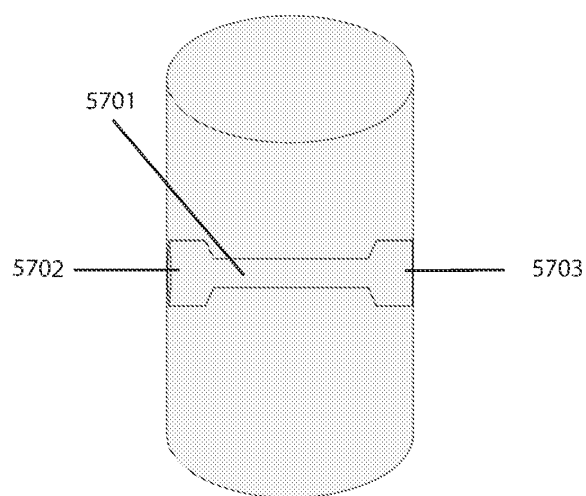
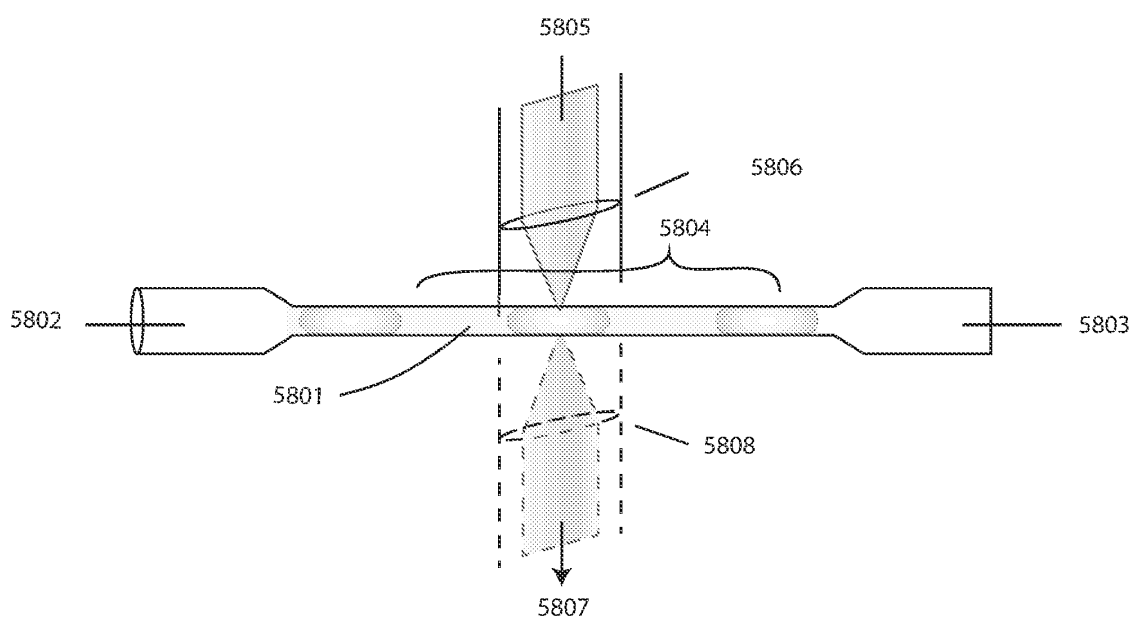
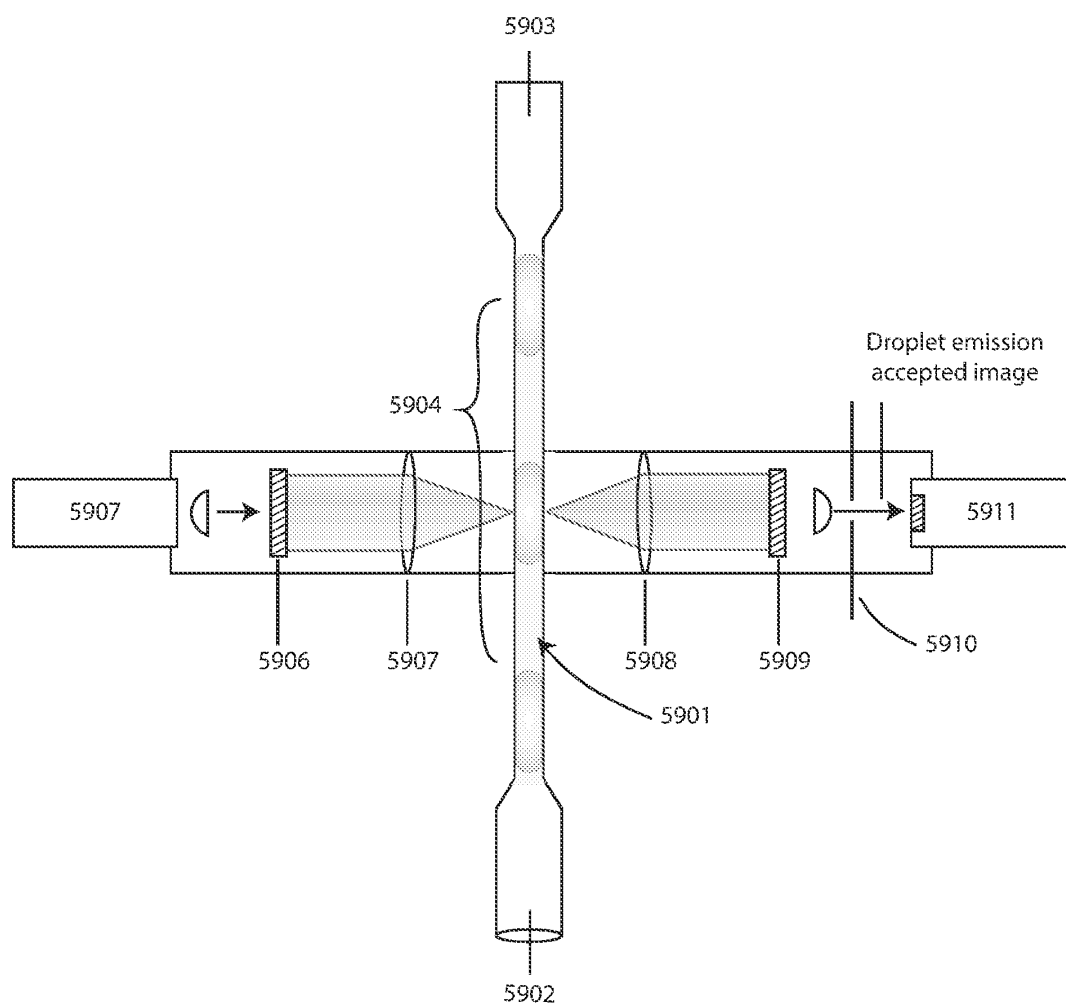
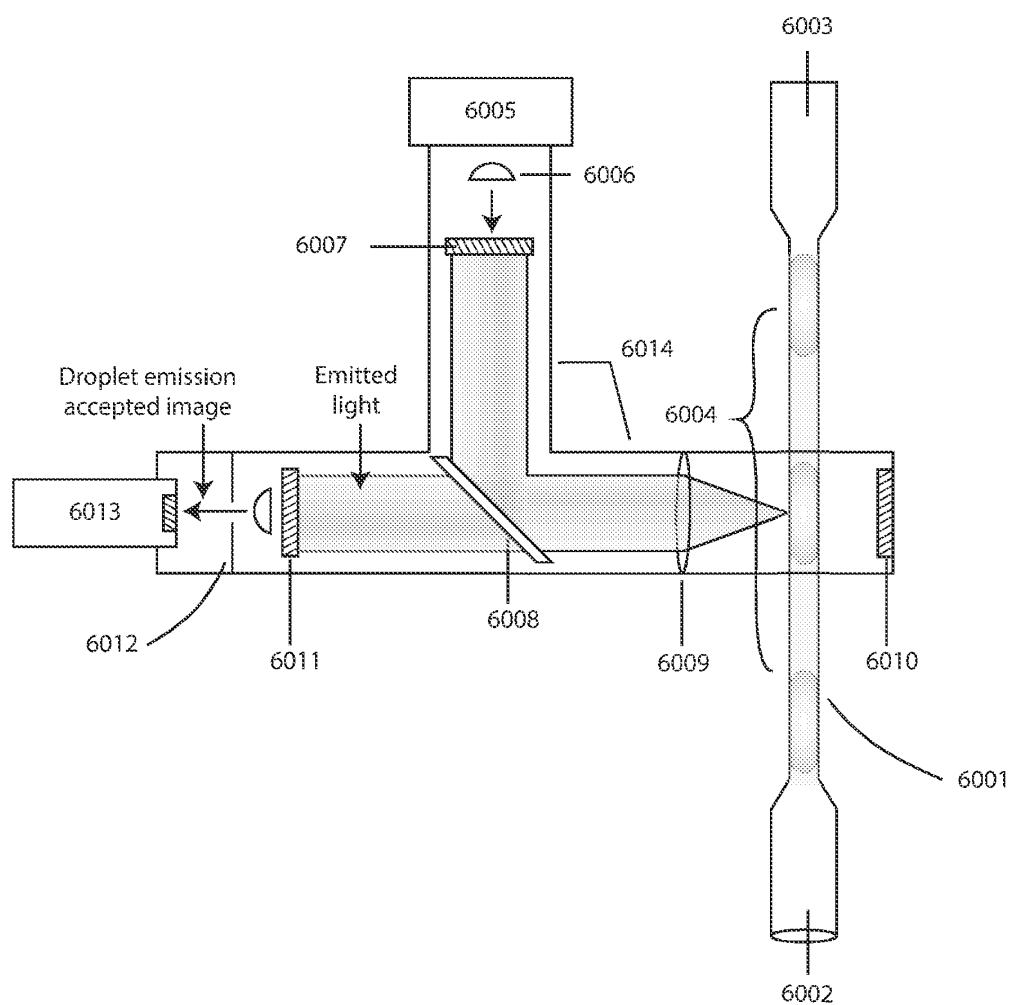
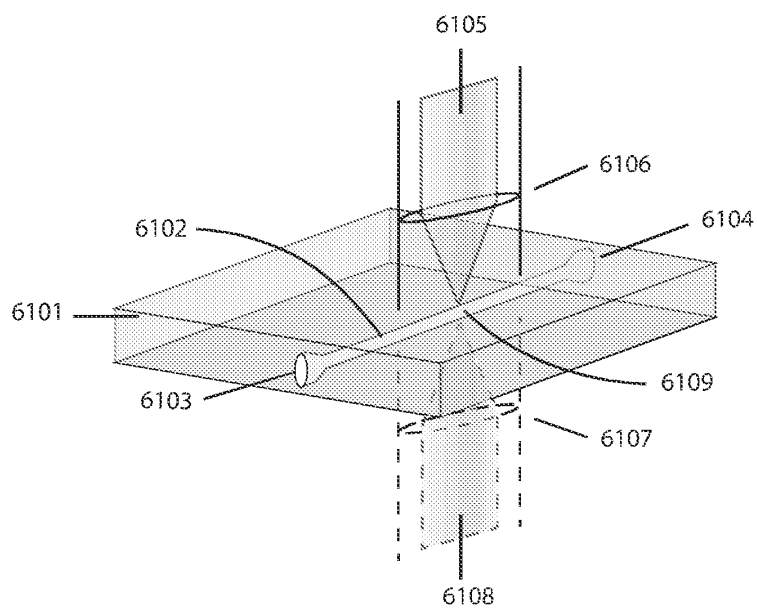


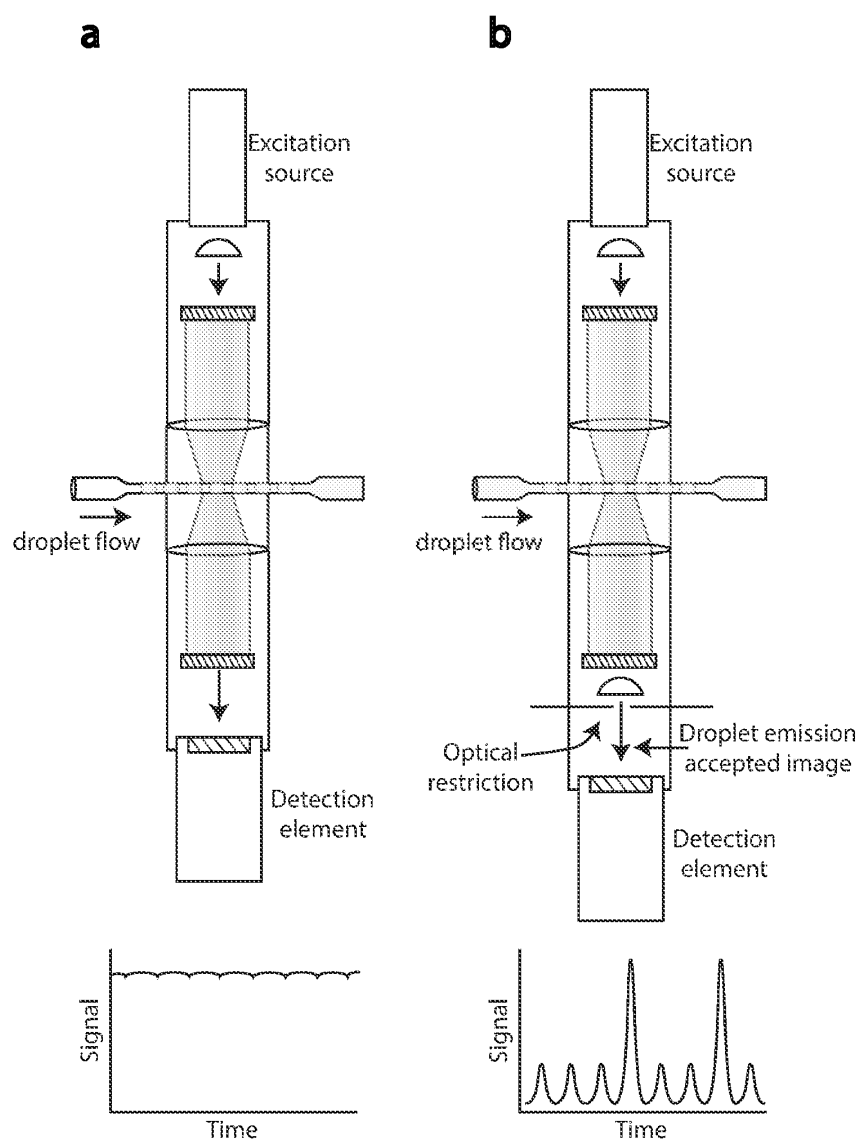
Figure 57

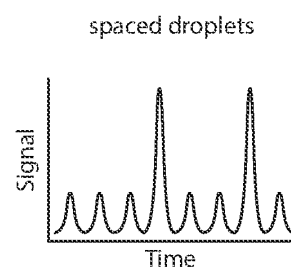
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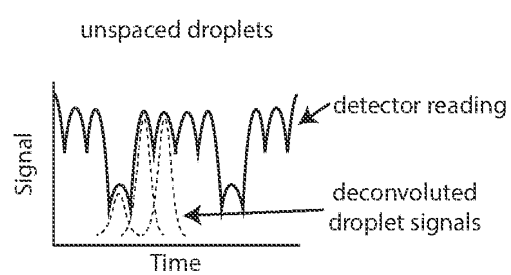
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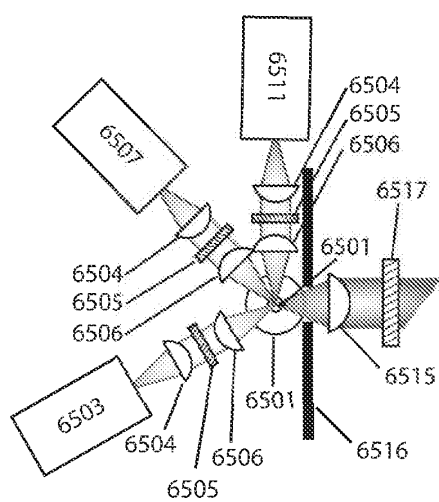
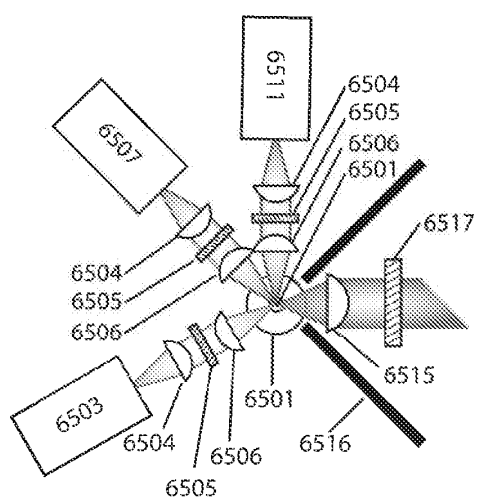
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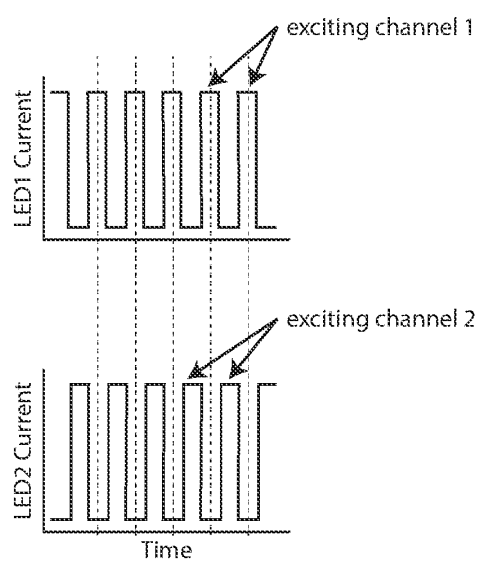
**Figure 61**

**Figure 62**

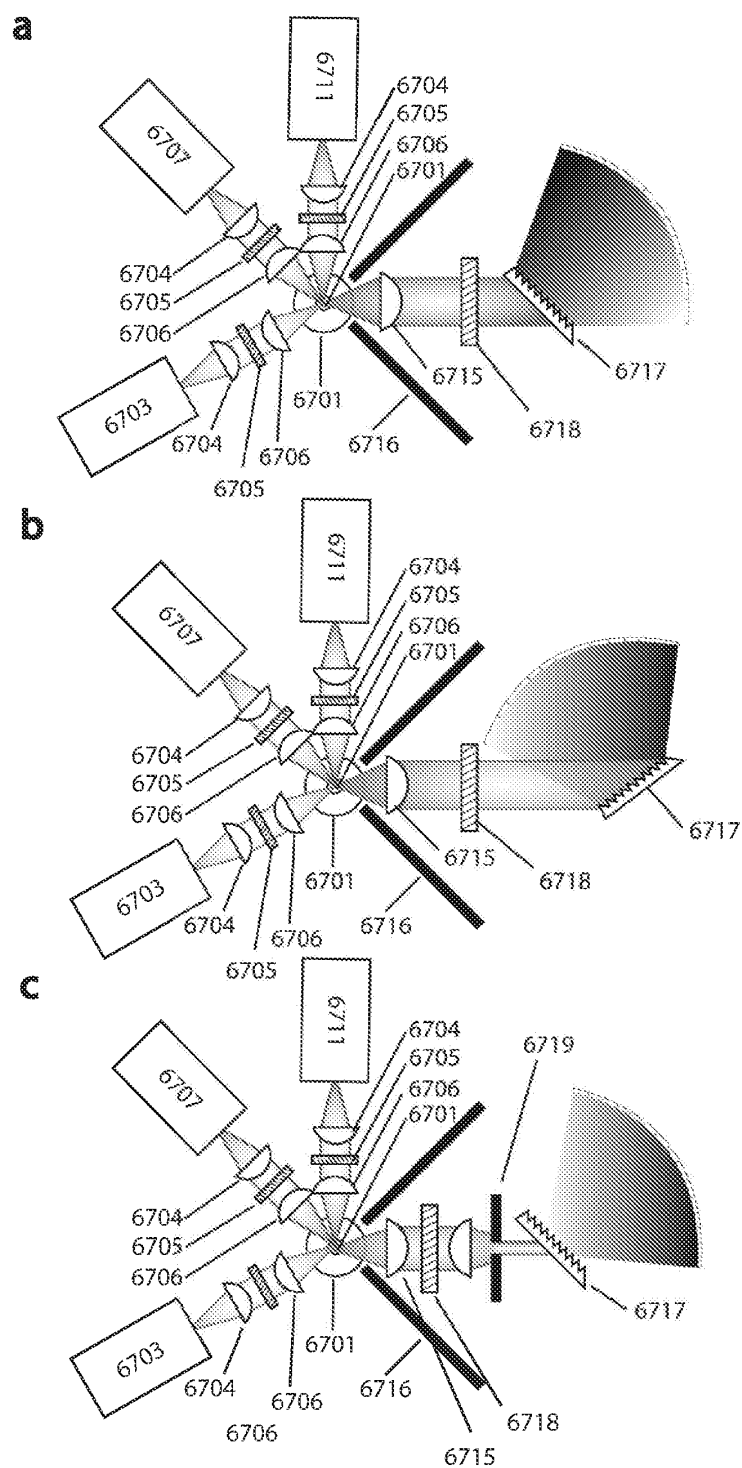
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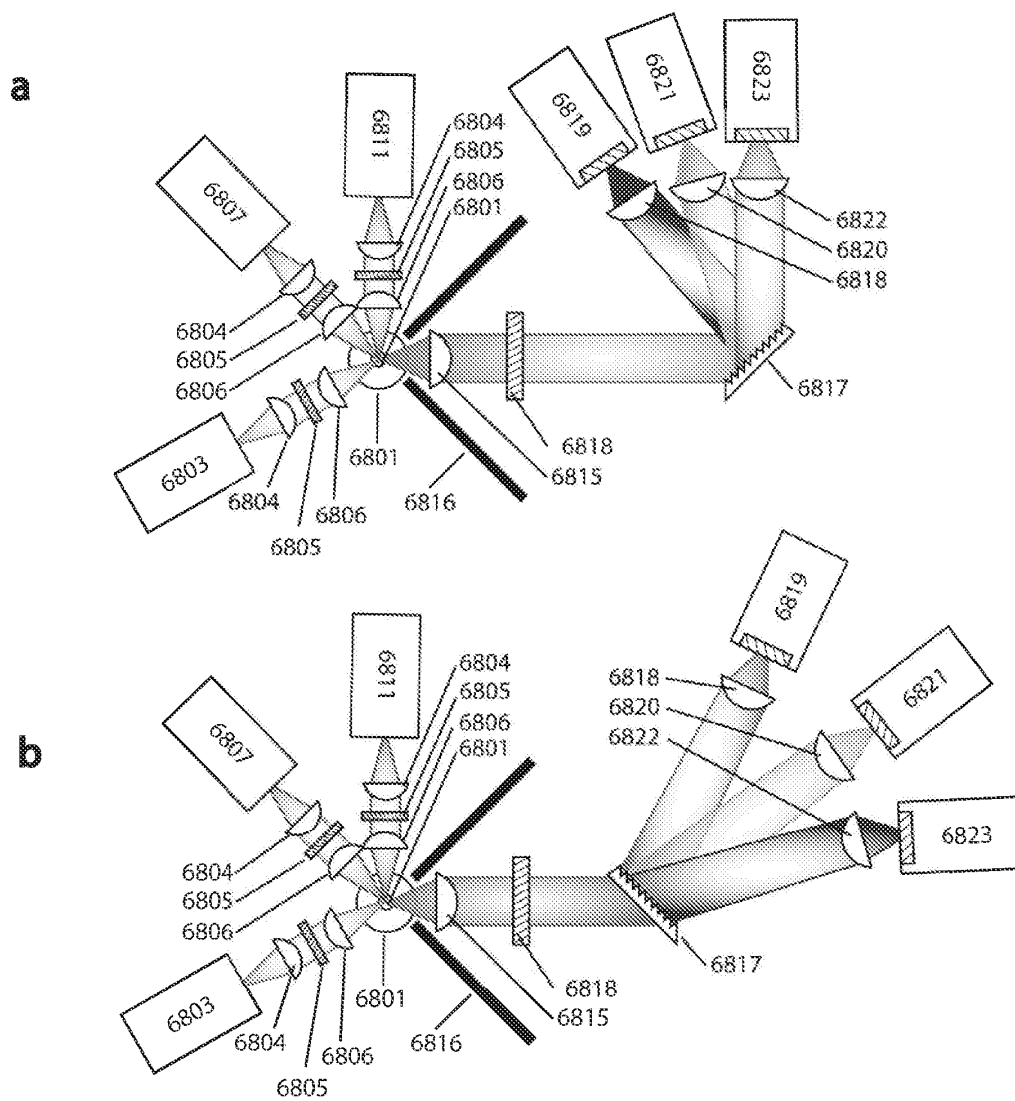
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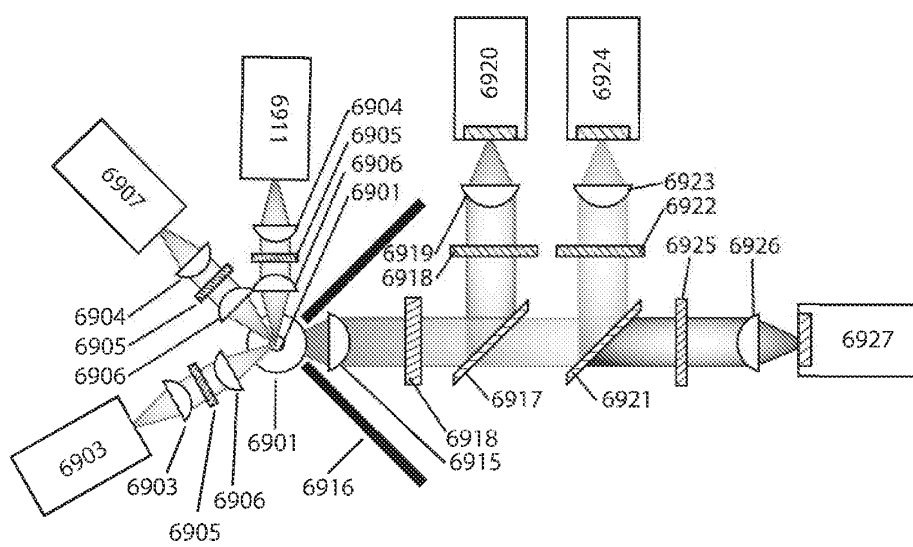
aNot Folded
Aperature**b**Folded
Aperature**Figure 65**

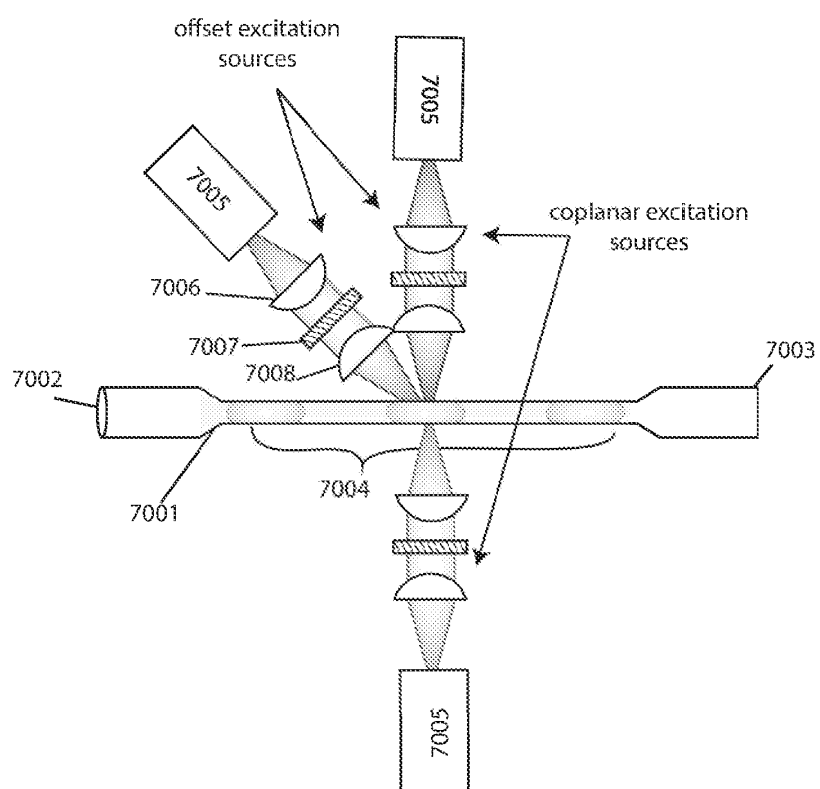
**Figure 66**

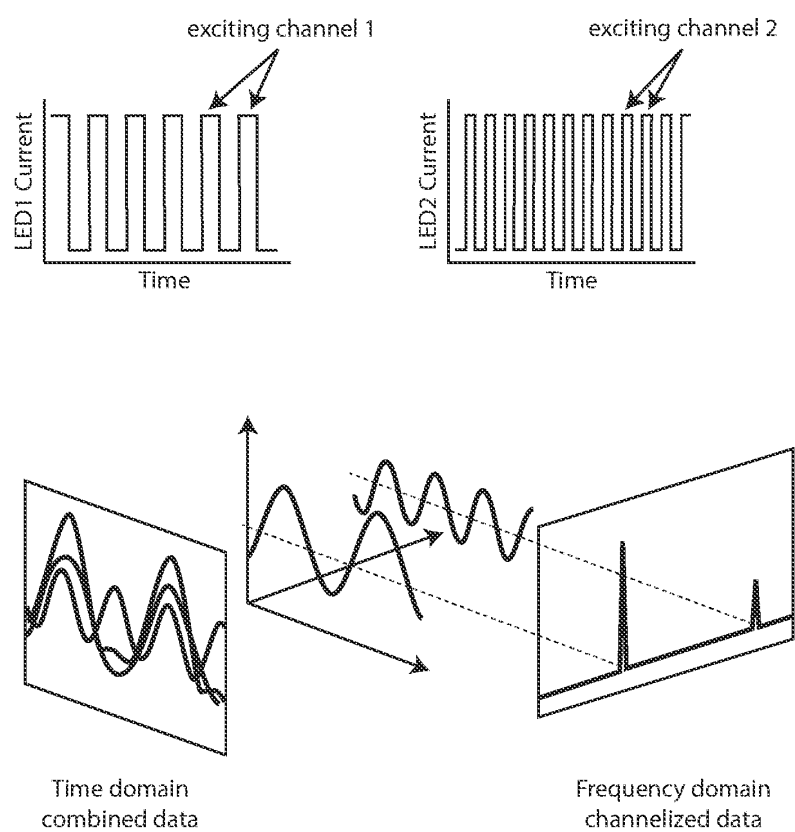
67/94

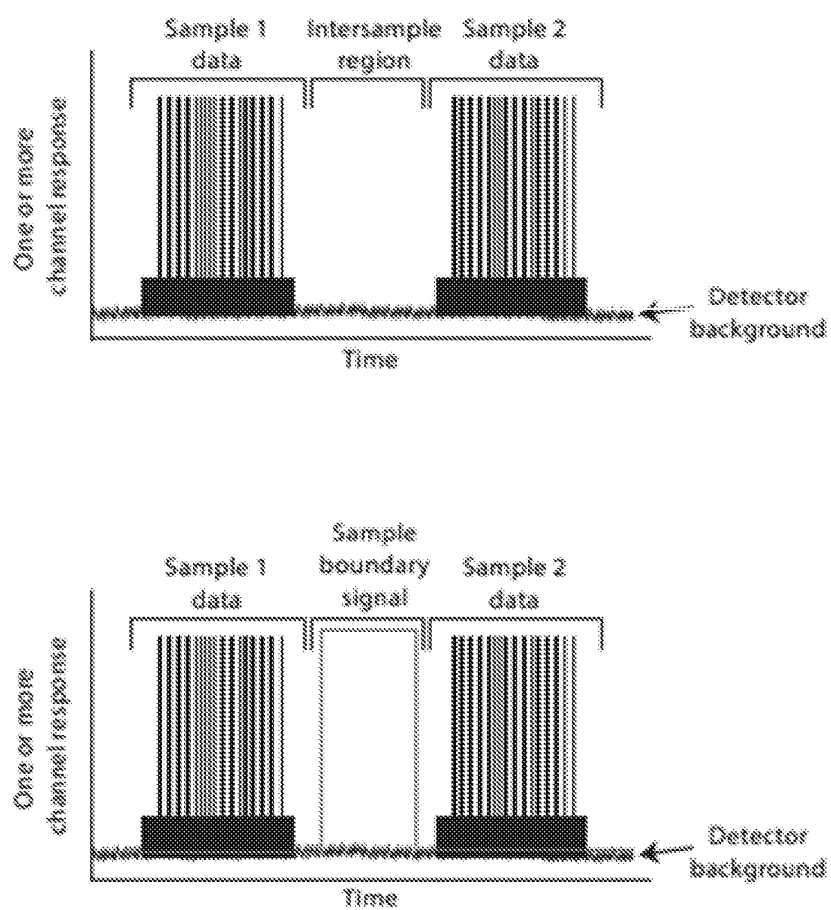
**Figure 67**

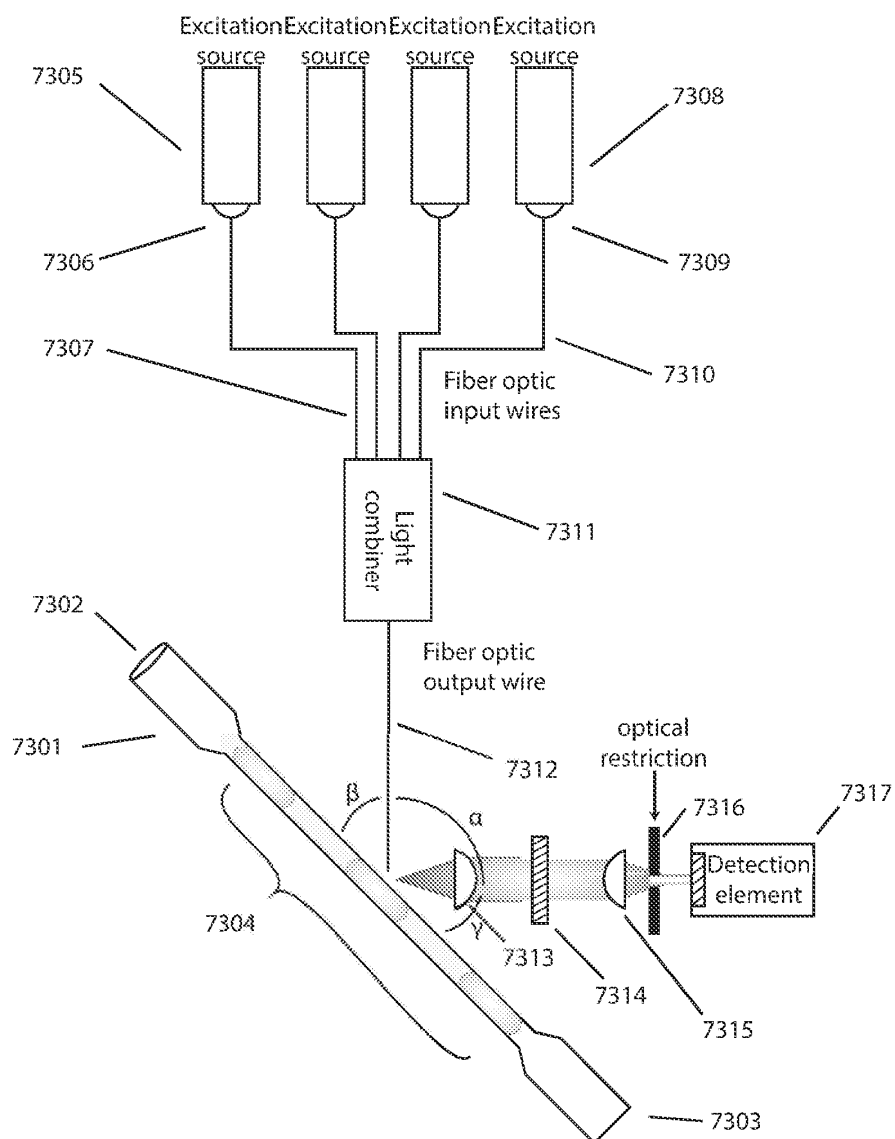
**Figure 68**

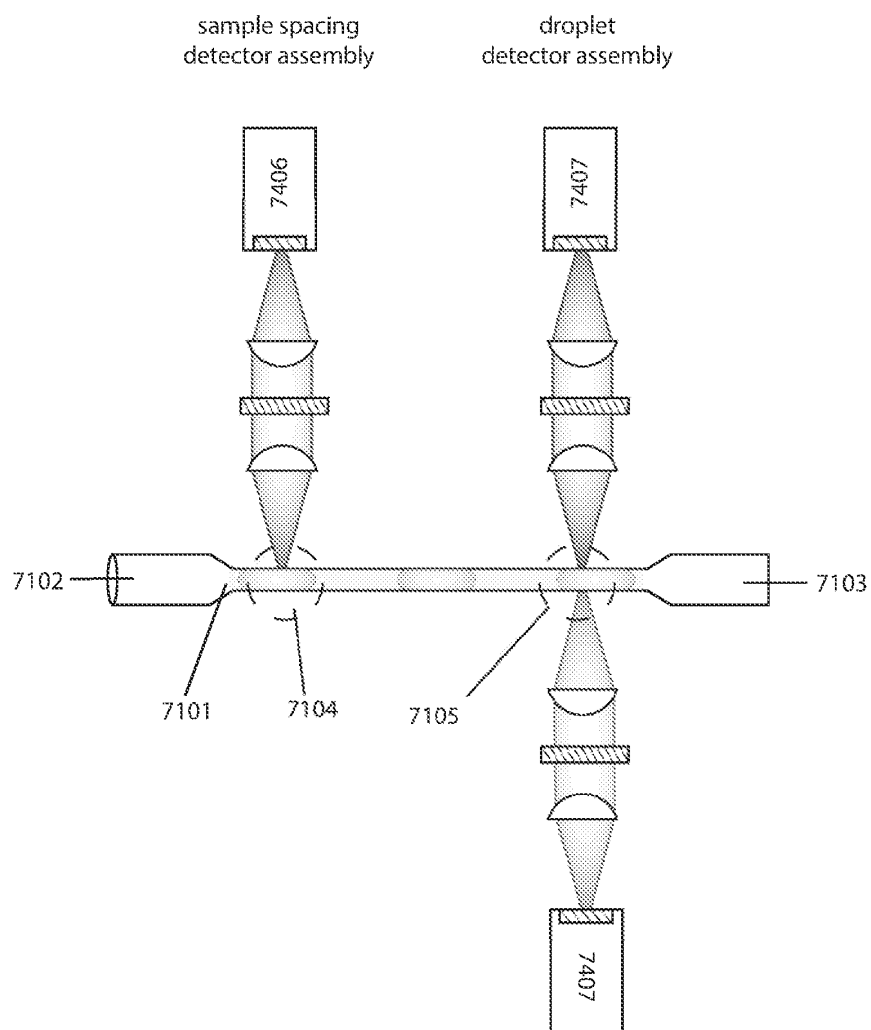
**Figure 69**

**Figure 70**

**Figure 71**

**Figure 72**

**Figure 73**

**Figure 74**

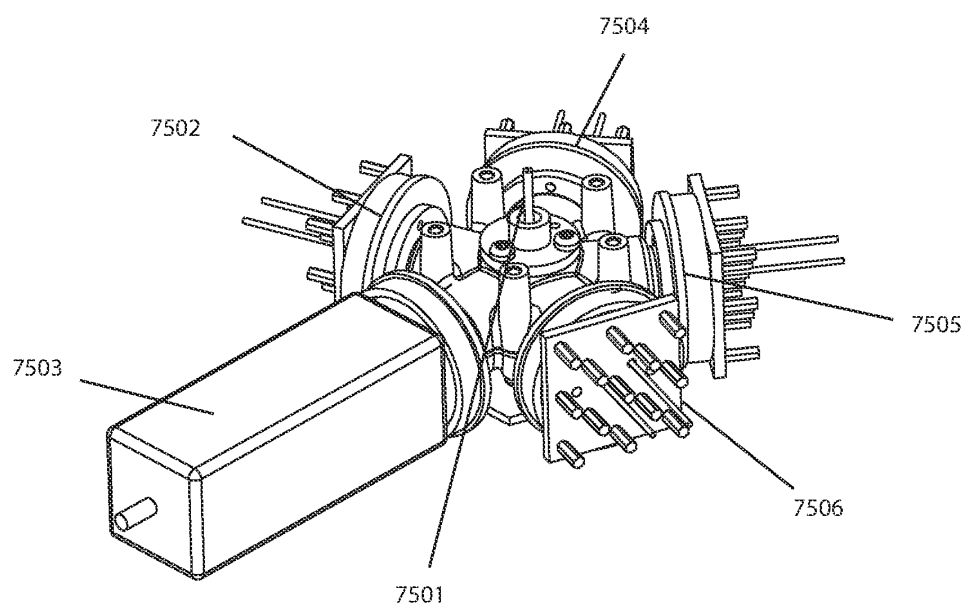


Figure 75

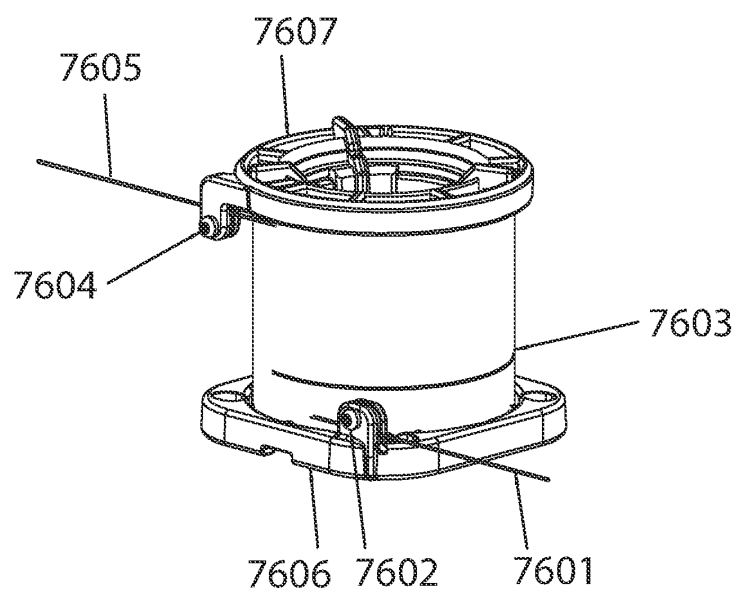
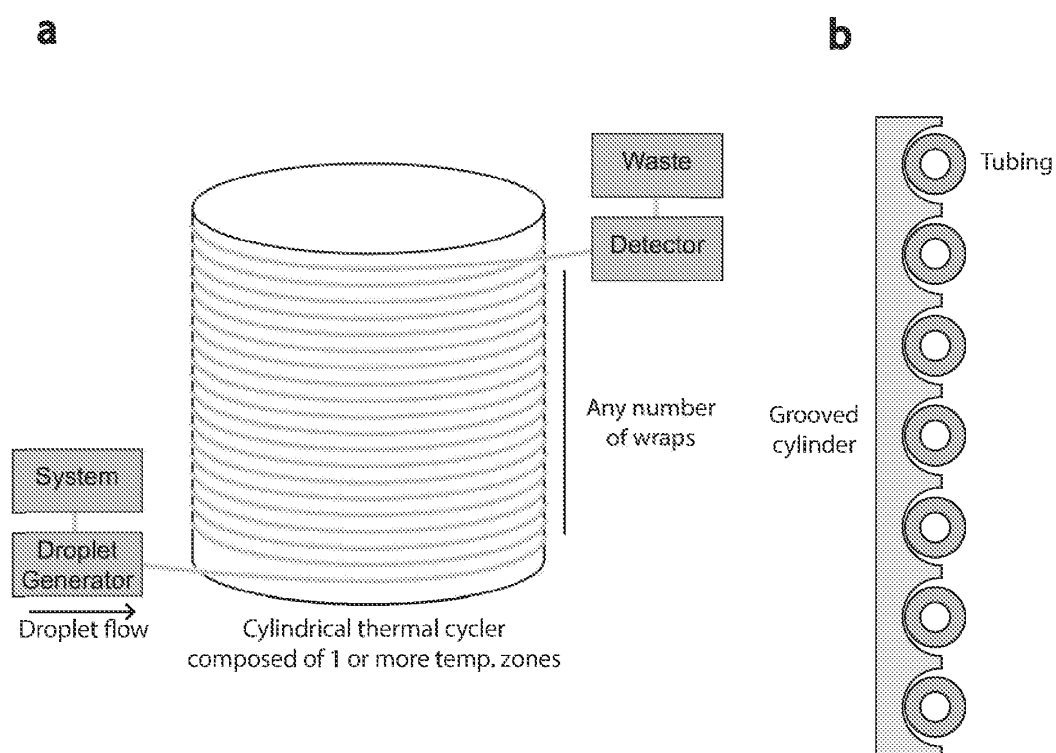
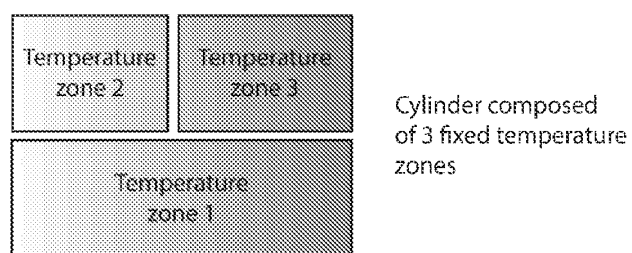
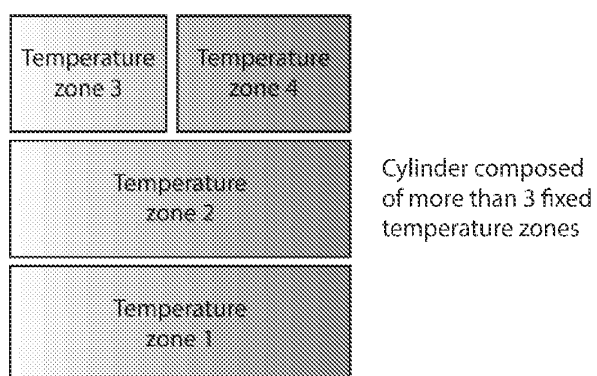
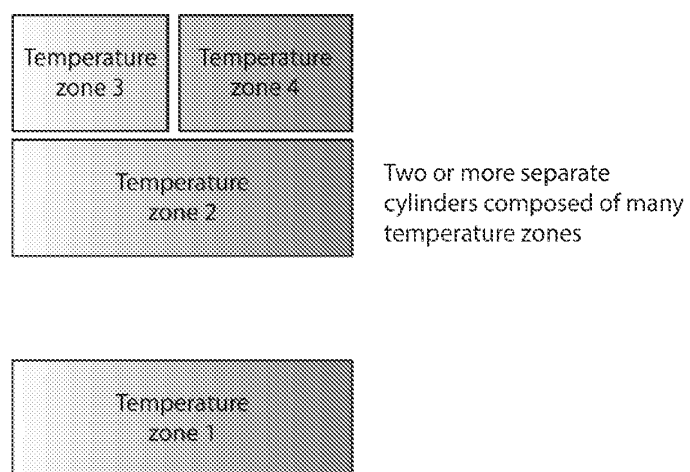


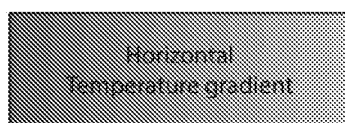
Figure 76

**Figure 77**

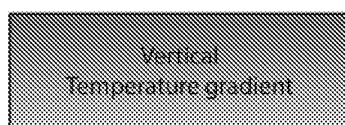
**Figure 78**

**Figure 79**

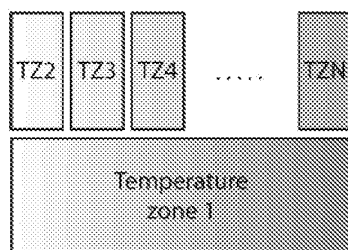
**Figure 80**

a

Increasing/decreasing temperature across a zone
within a PCR cycle

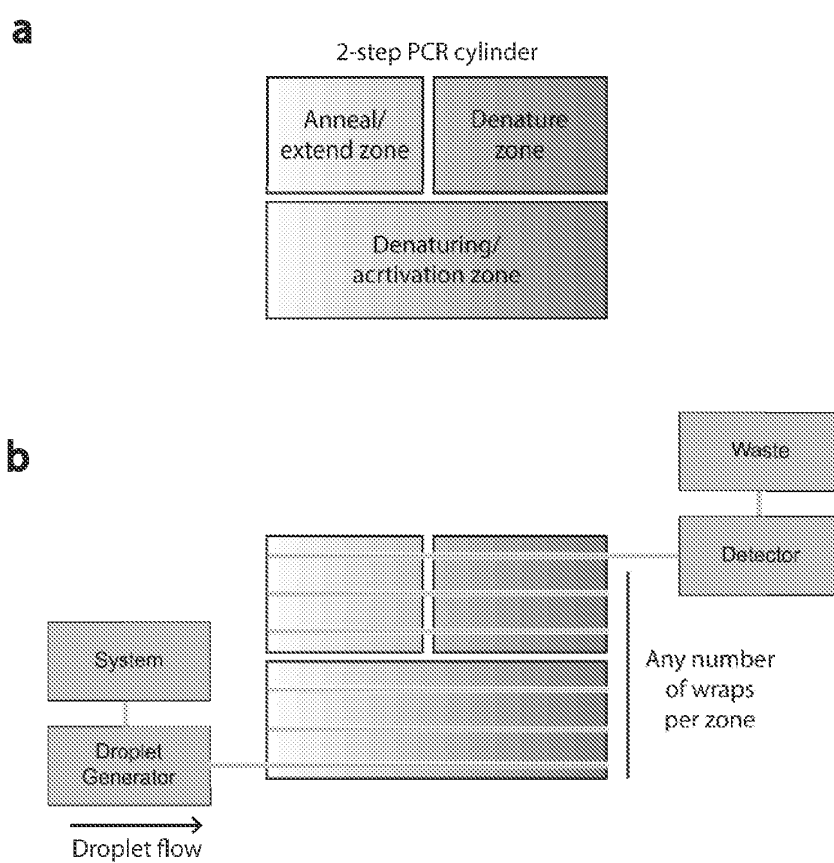
b

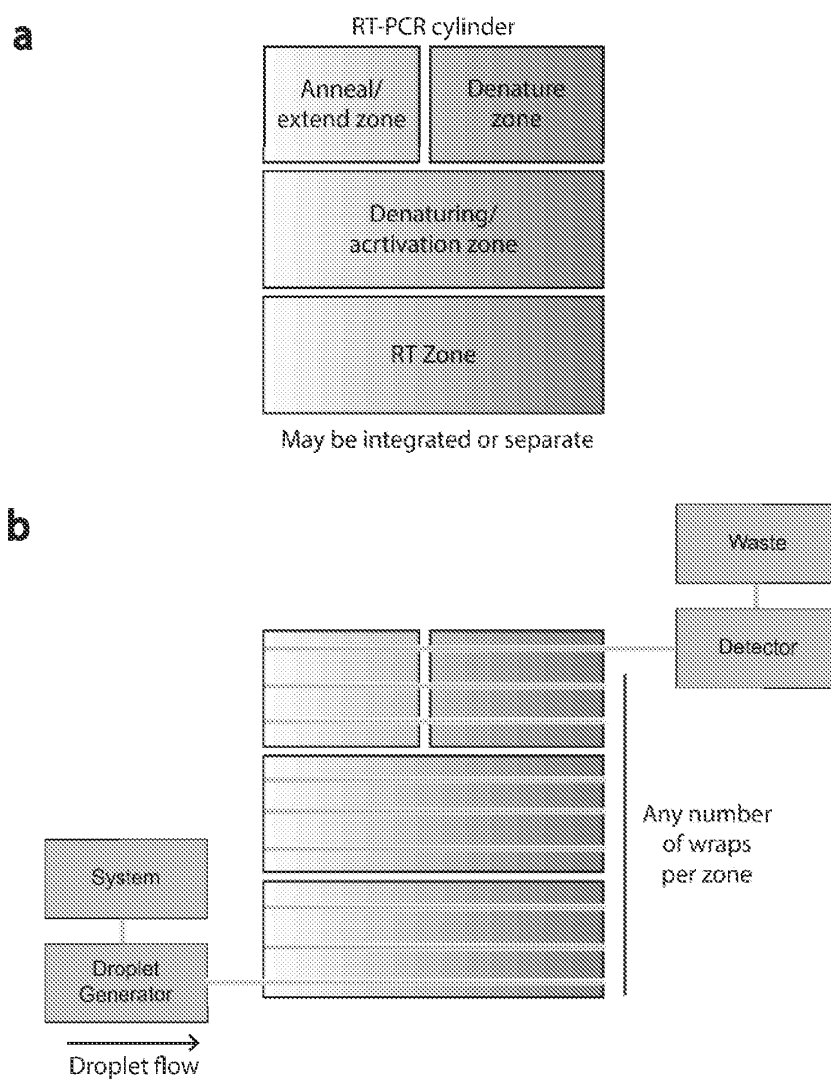
Increasing/decreasing temperature across a zone
between PCR cycles

c

Cylinder composed
of many fixed
temperature zones

Figure 81

**Figure 82**

**Figure 83**

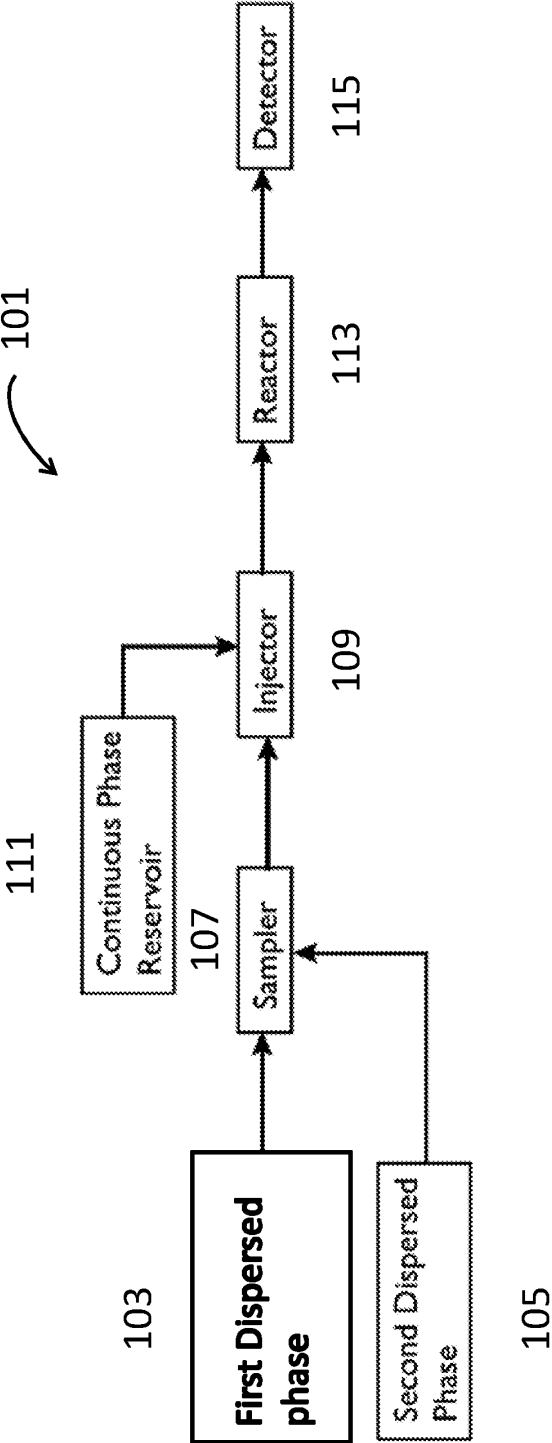


Fig. 84

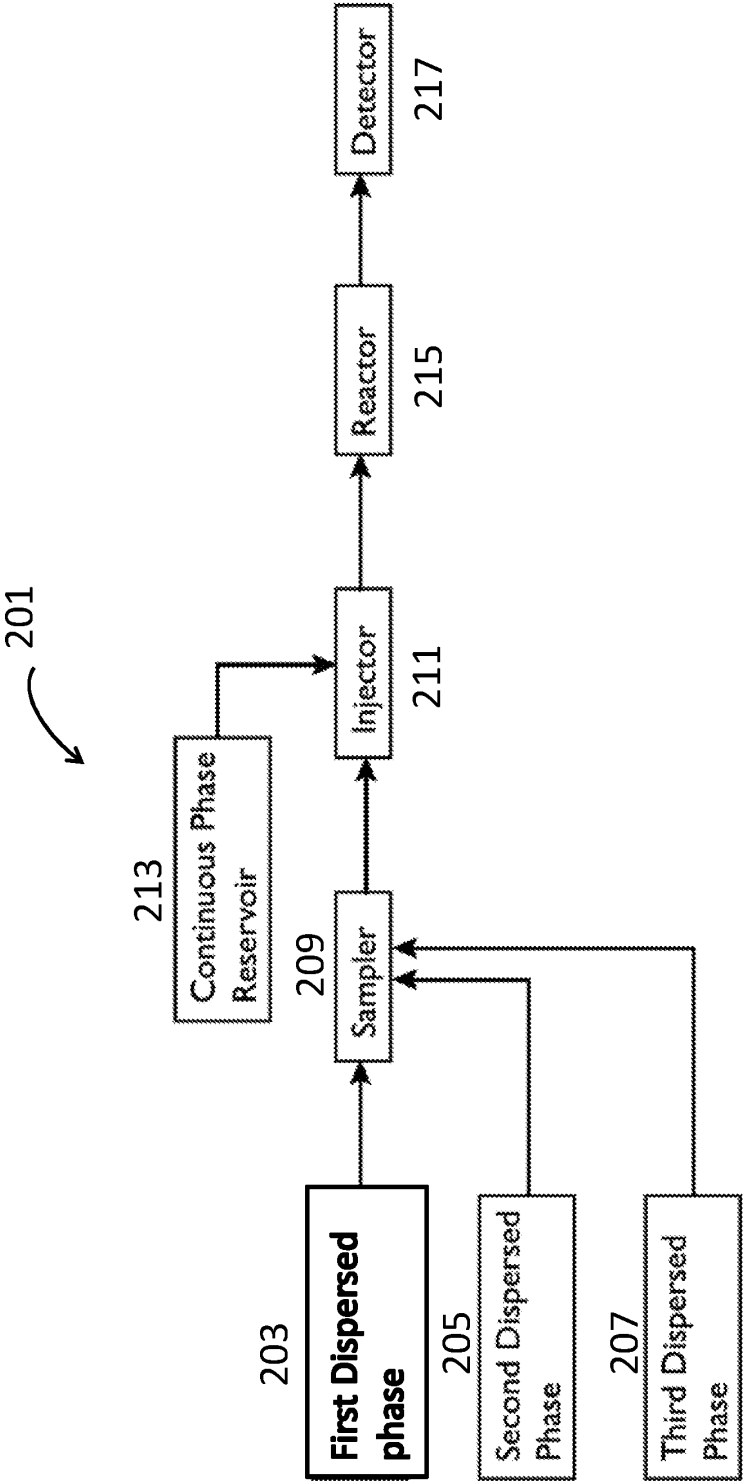


Fig. 85

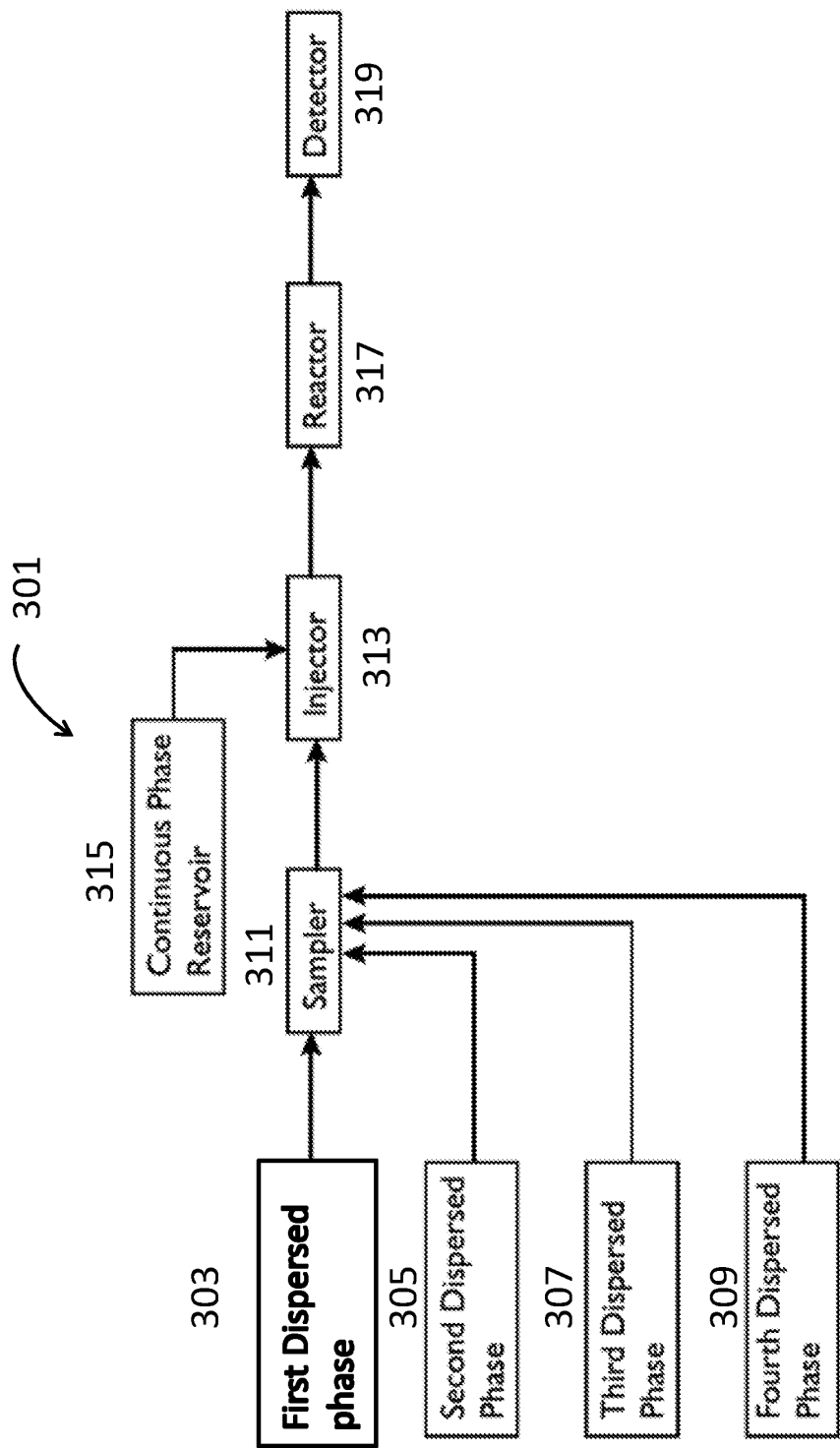


Fig. 86

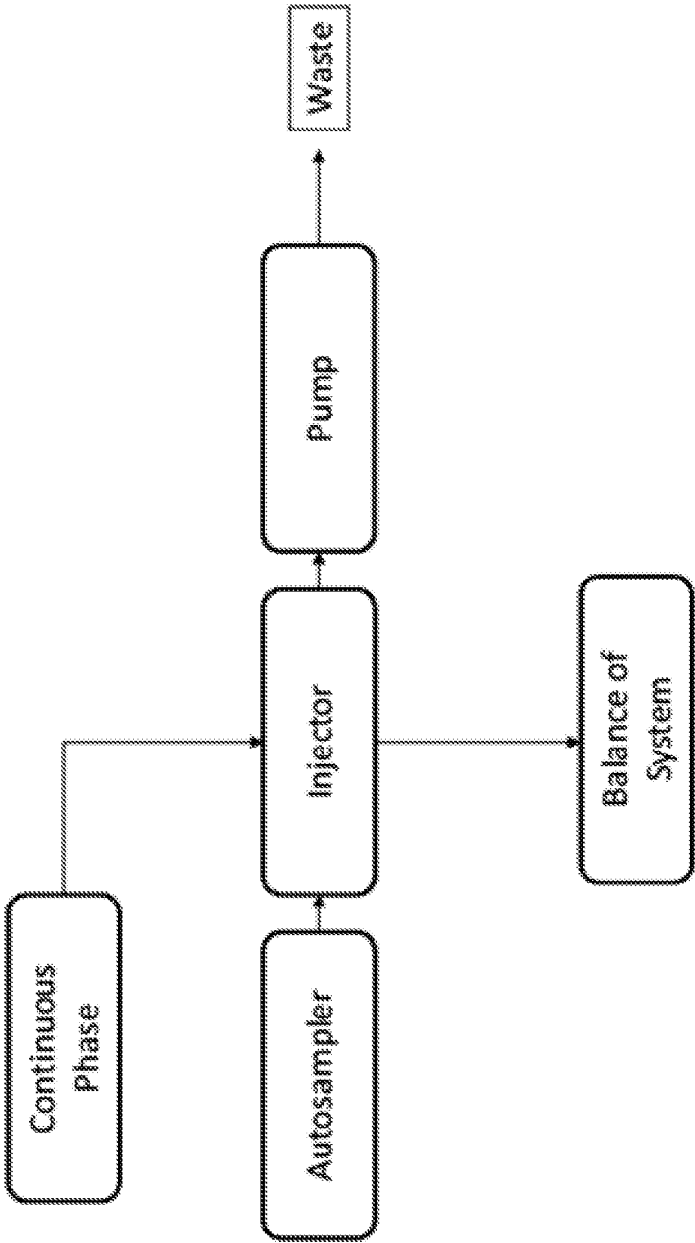


Fig. 87

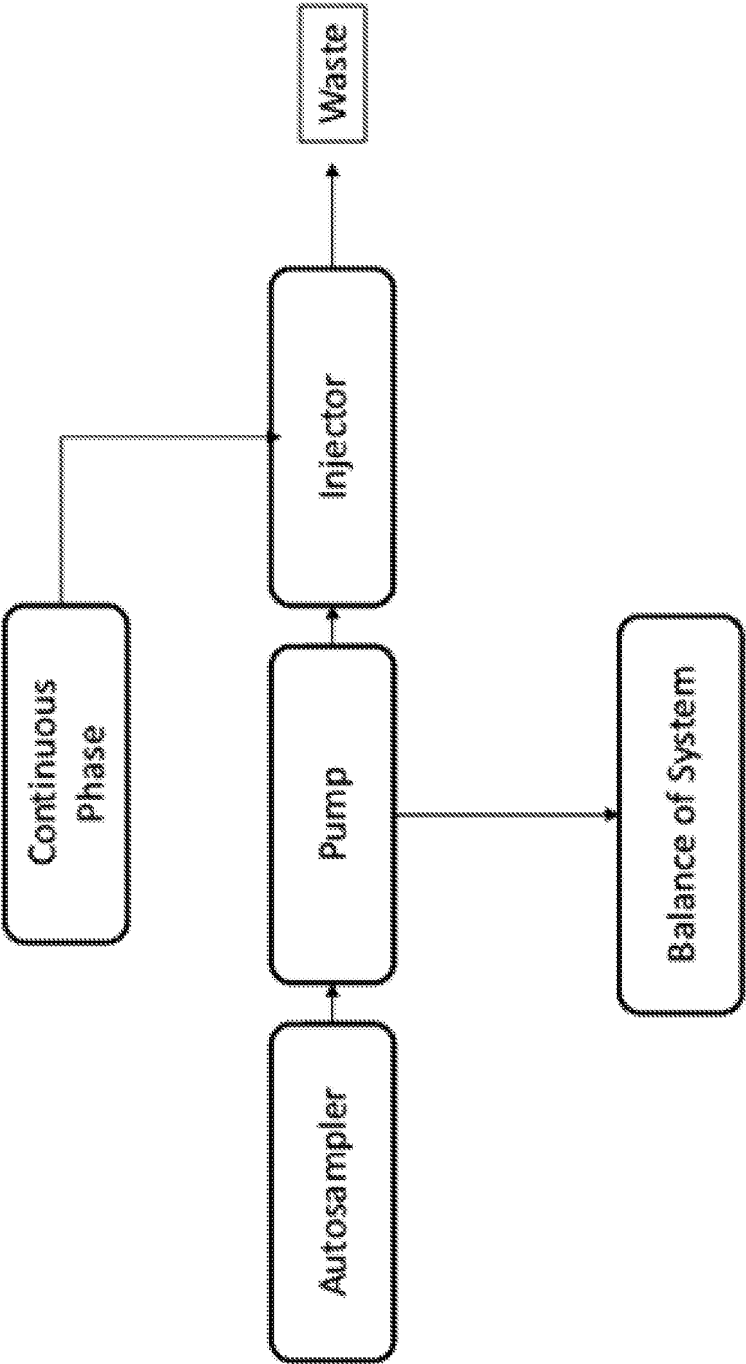
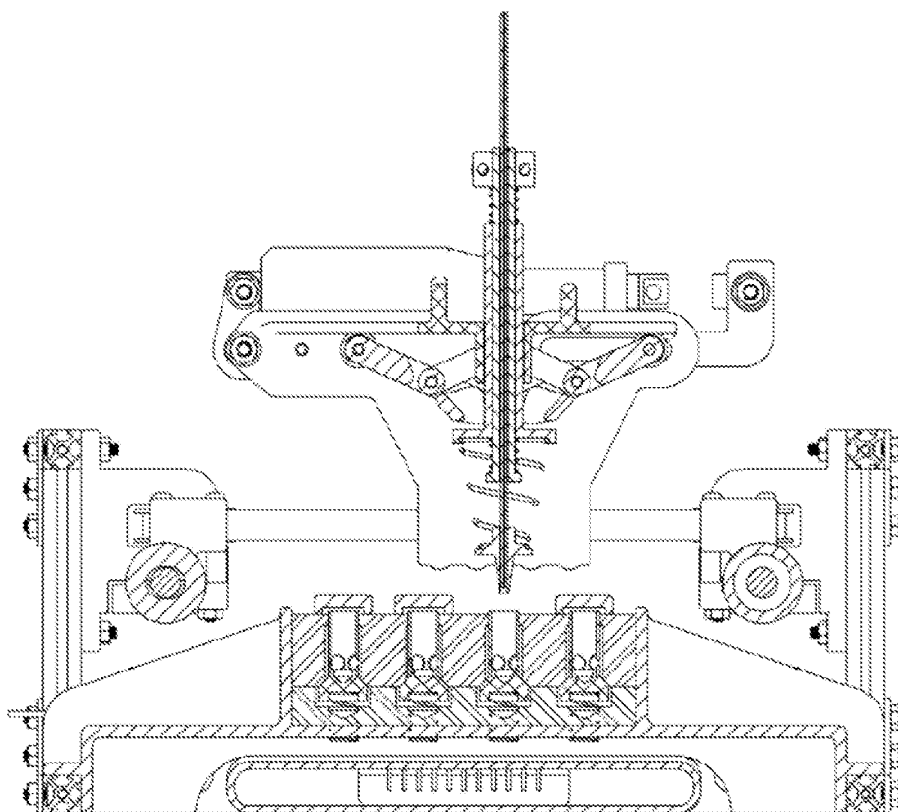
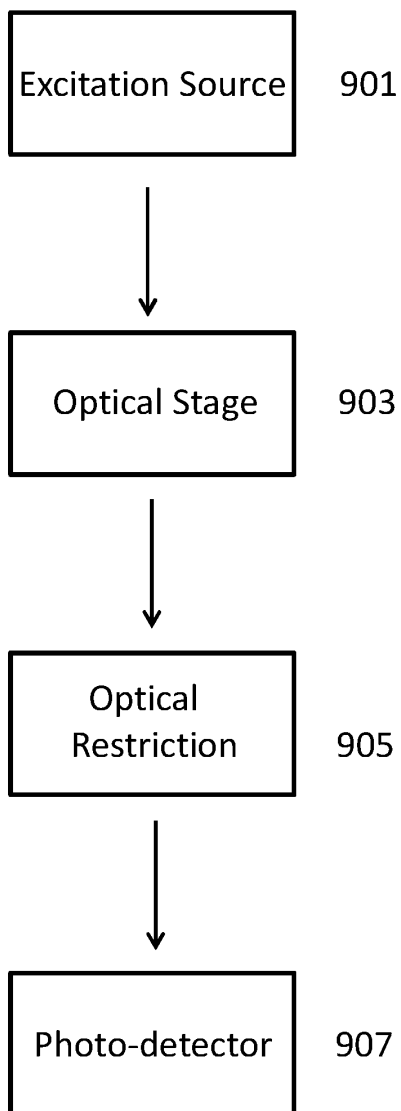
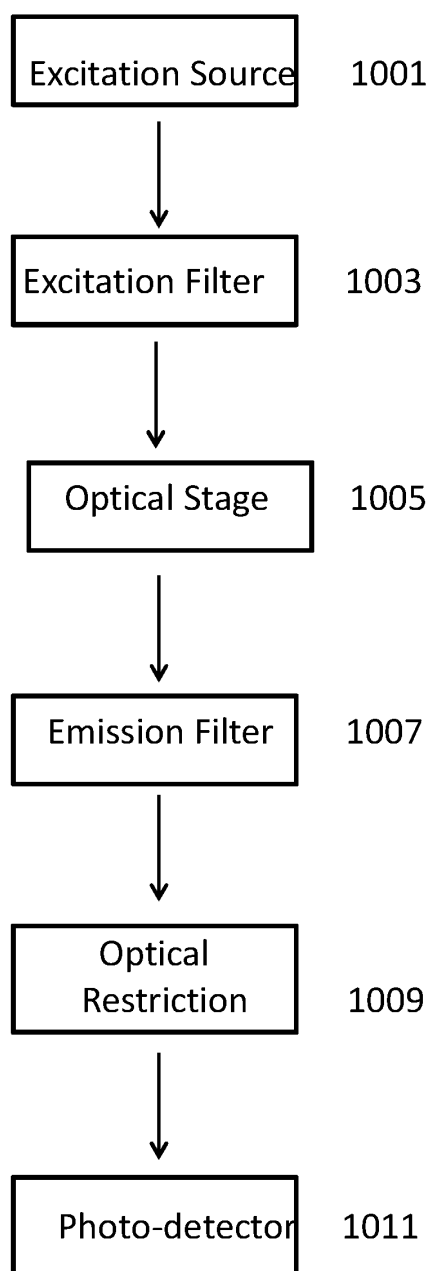
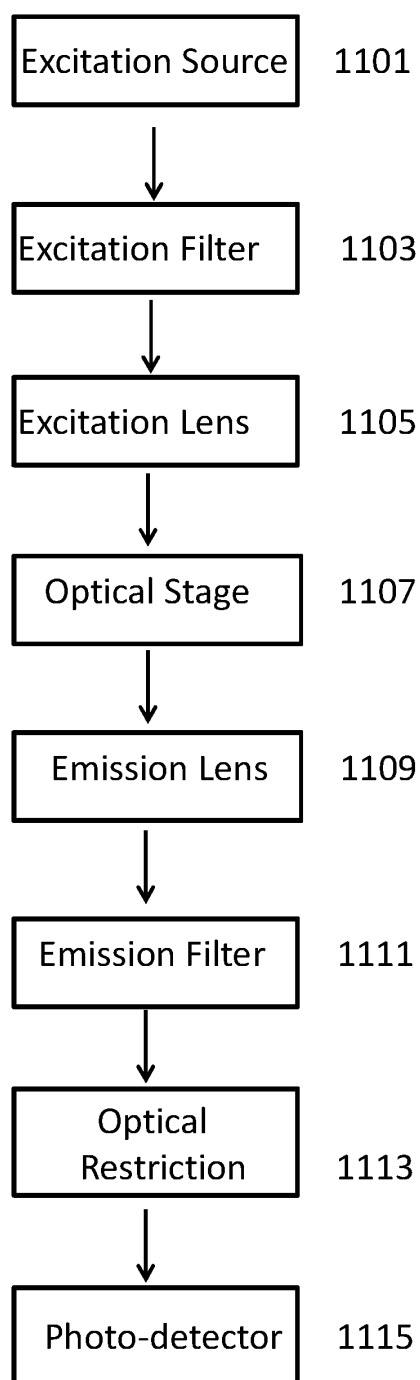


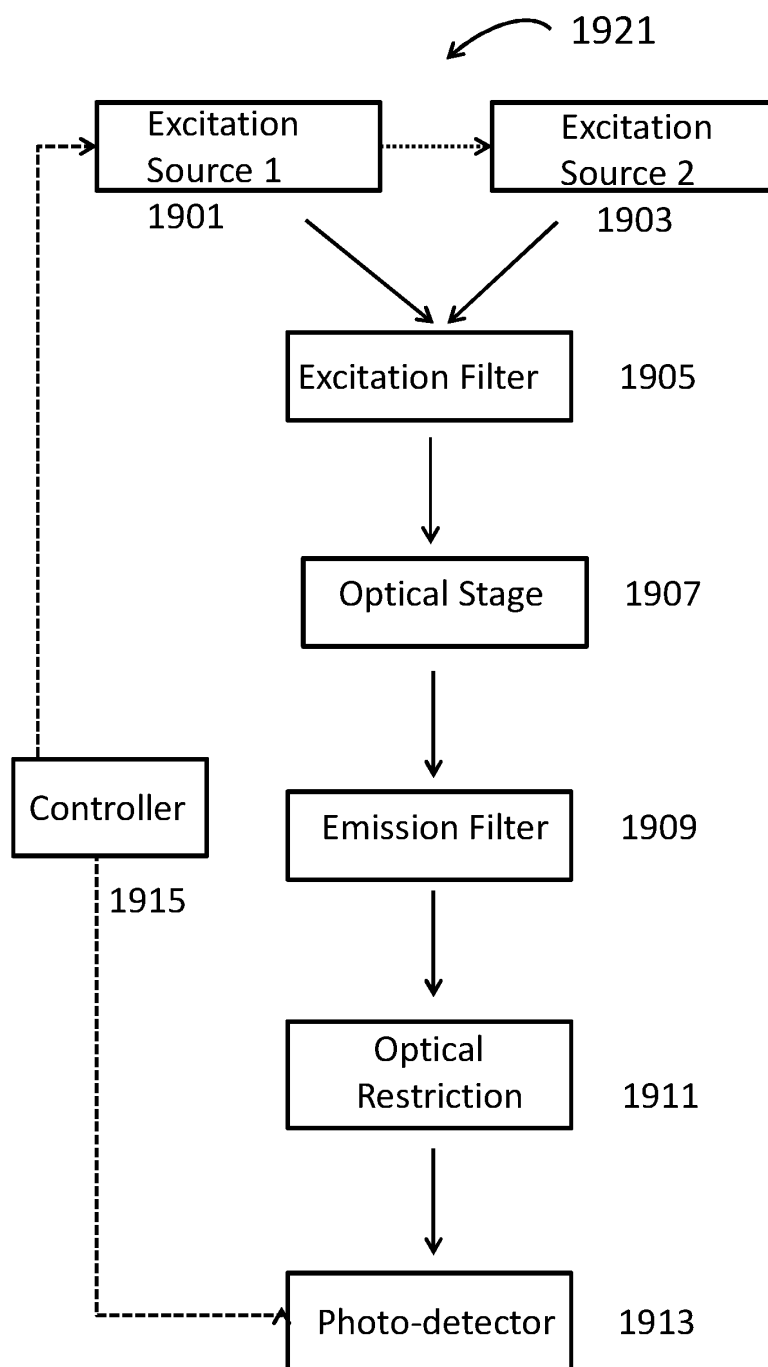
Fig. 88

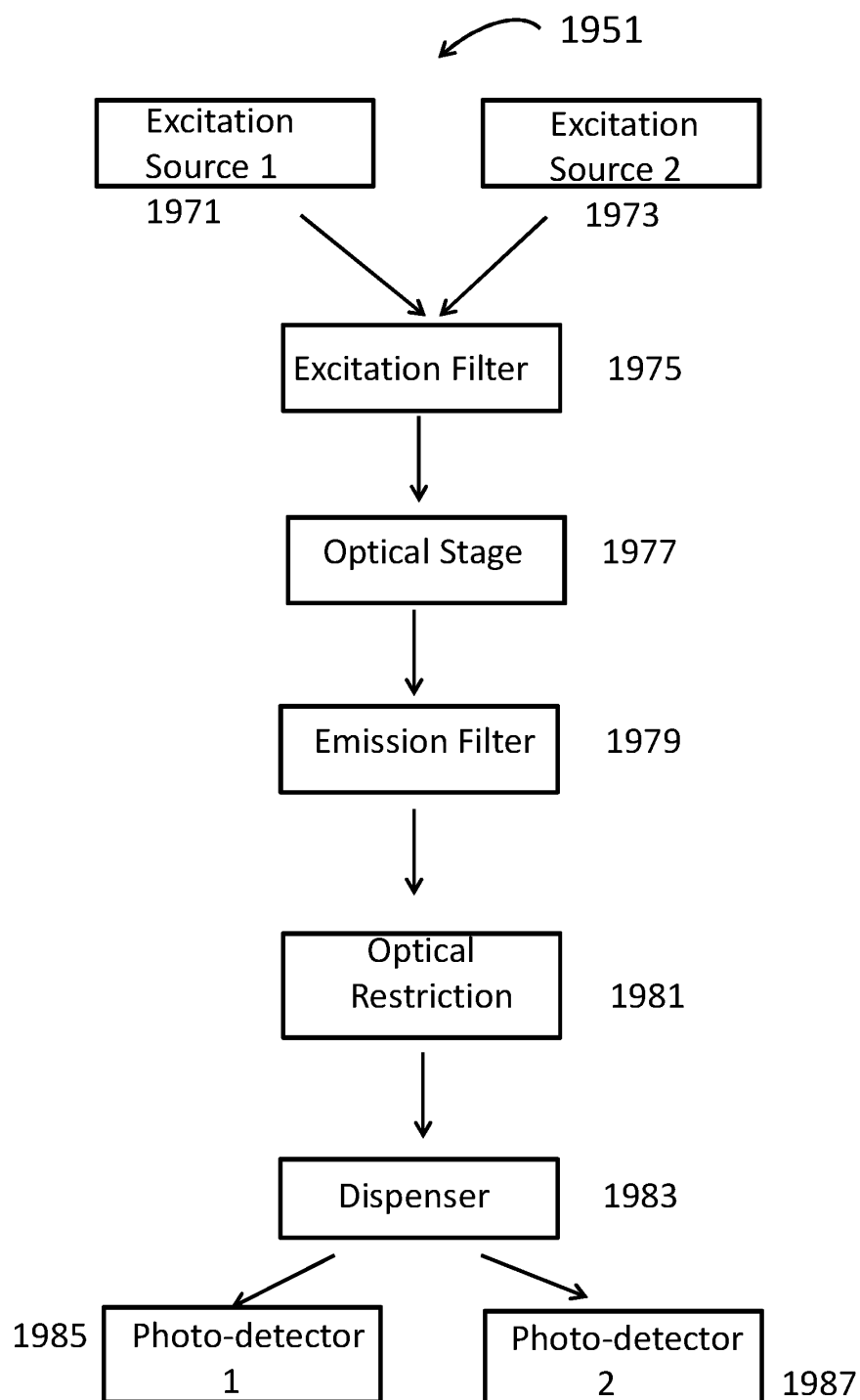
**Fig. 89**

**Fig. 90**

**Fig. 91**

**Fig. 92**

**Fig. 93**

**Fig. 94**