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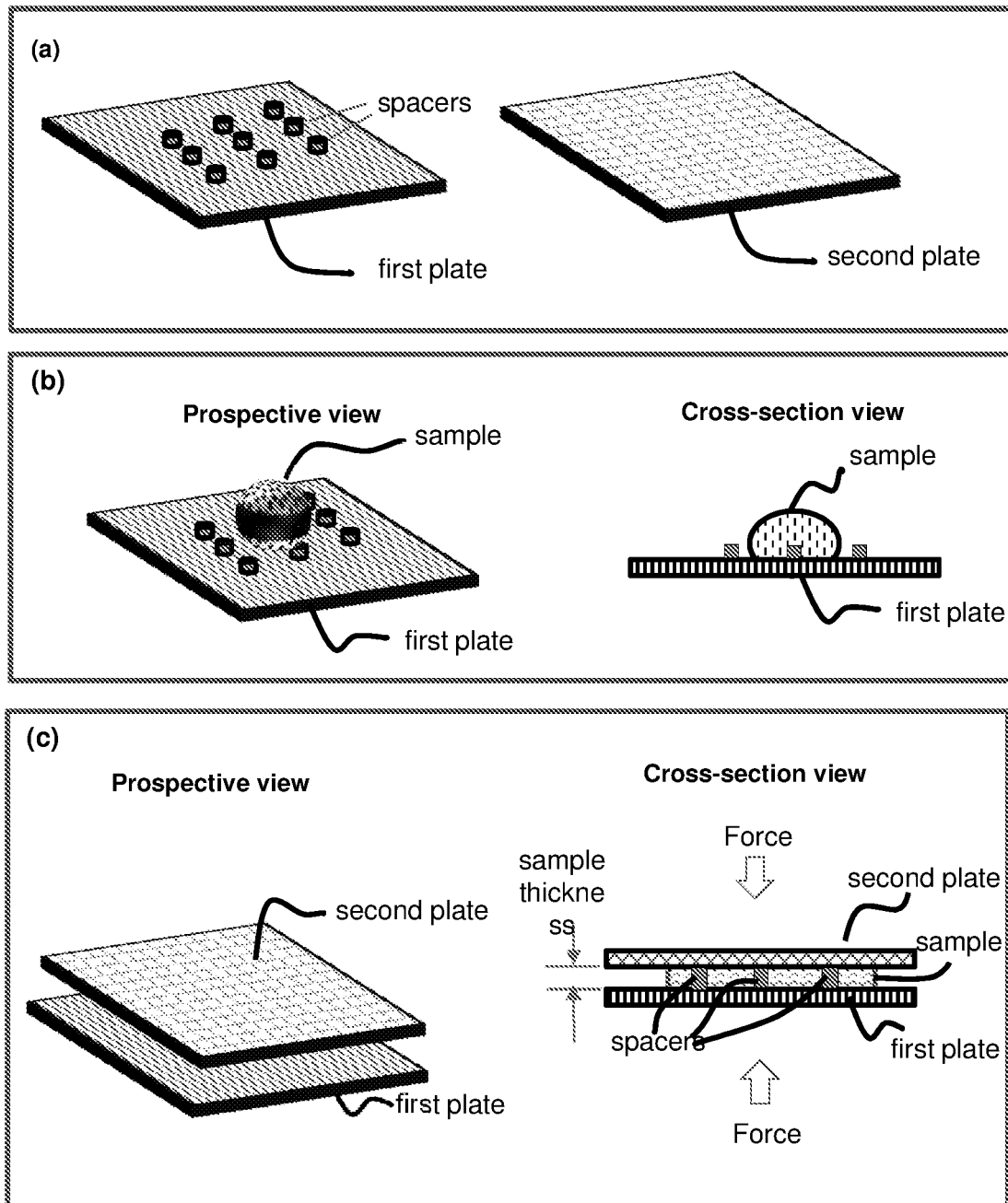


FIG. 1

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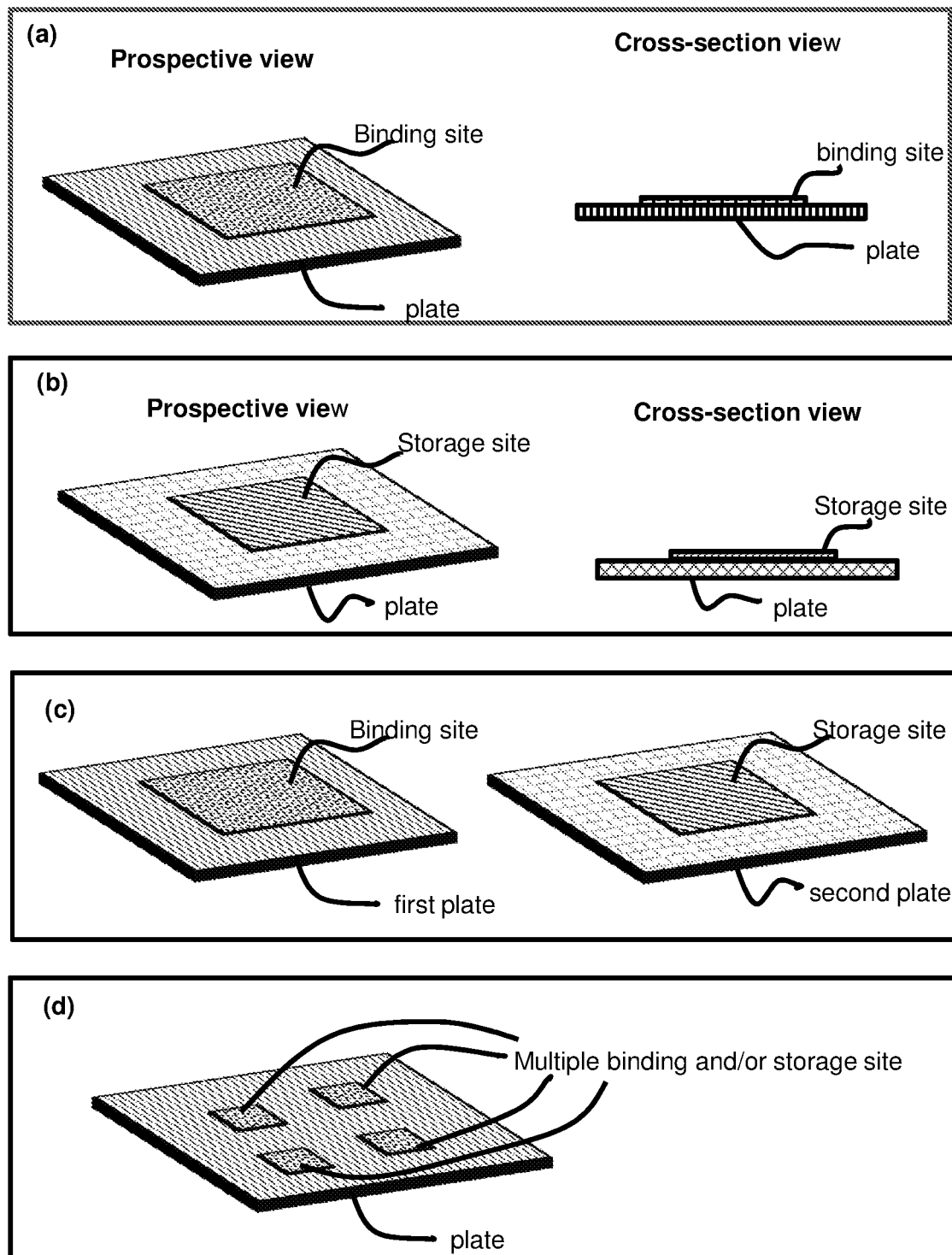


FIG. 2

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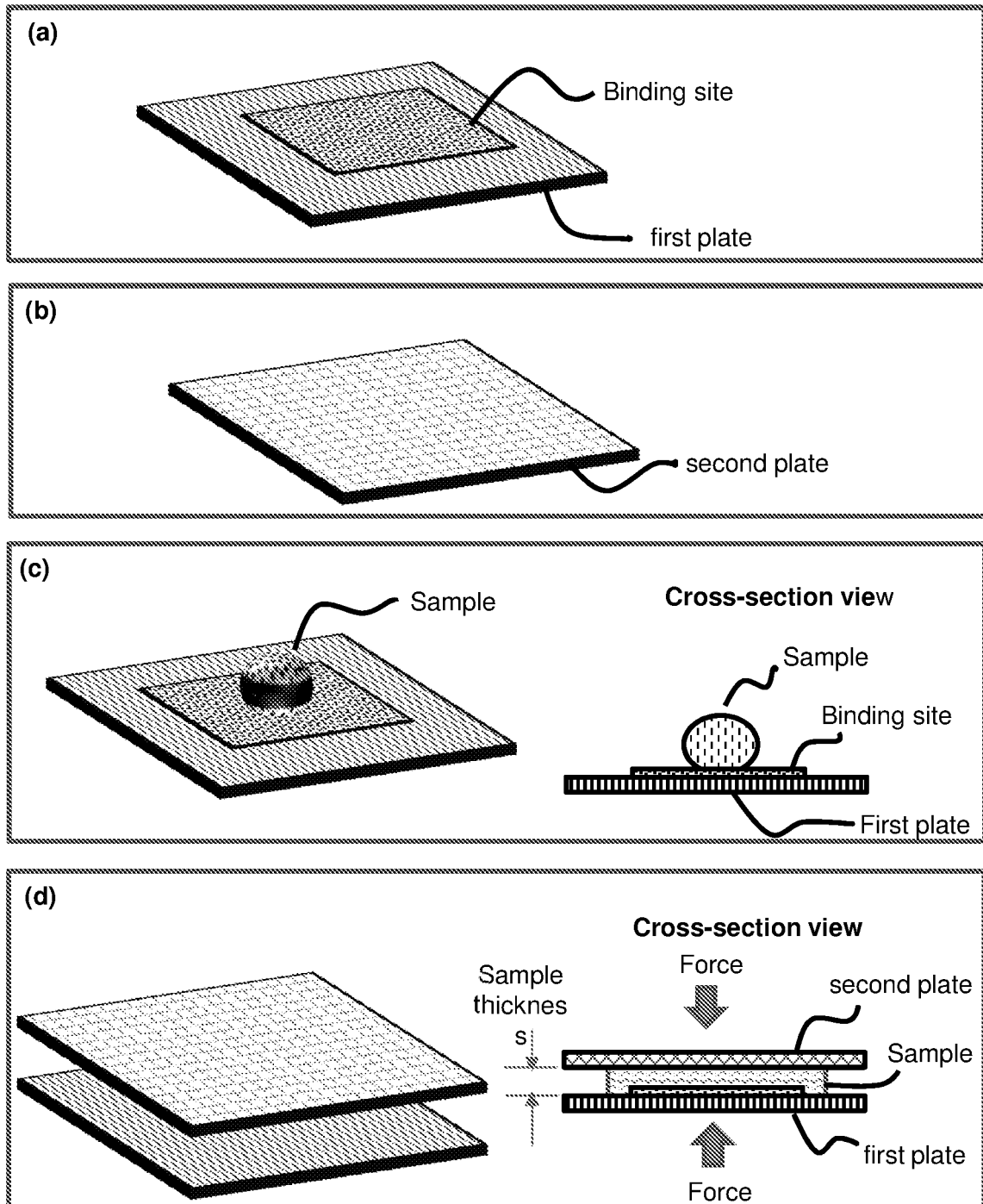


FIG. 3

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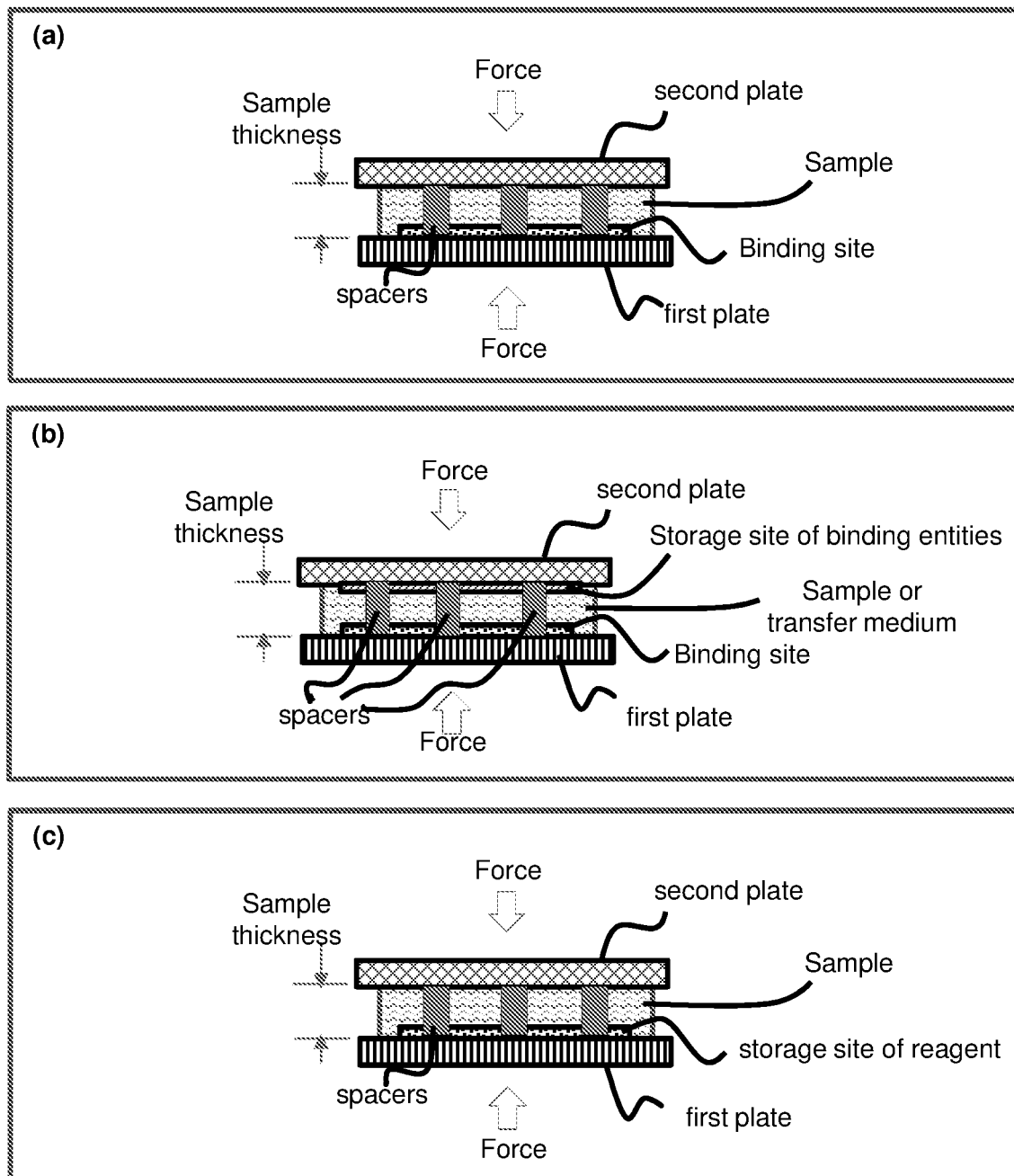


FIG. 4

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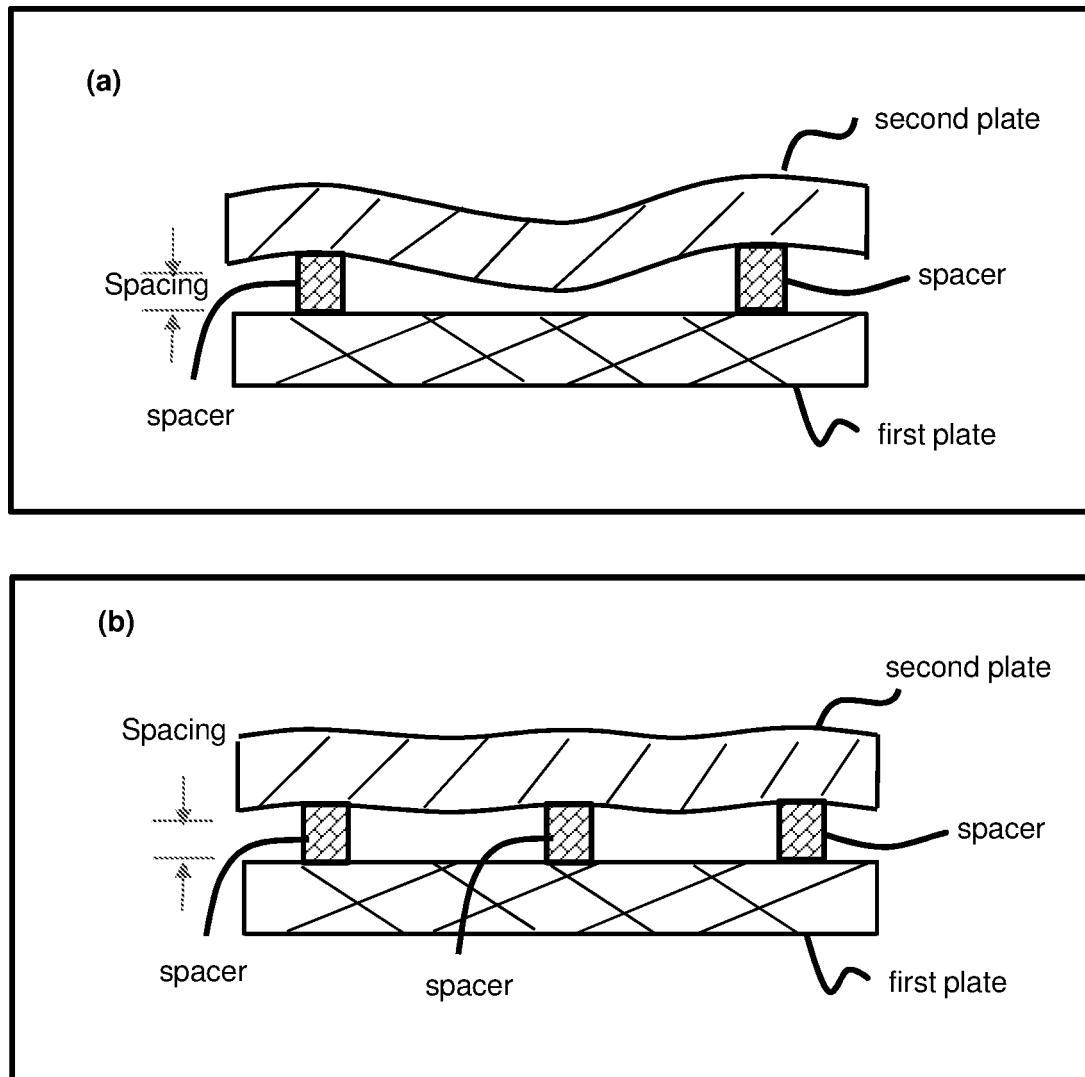


FIG. 5

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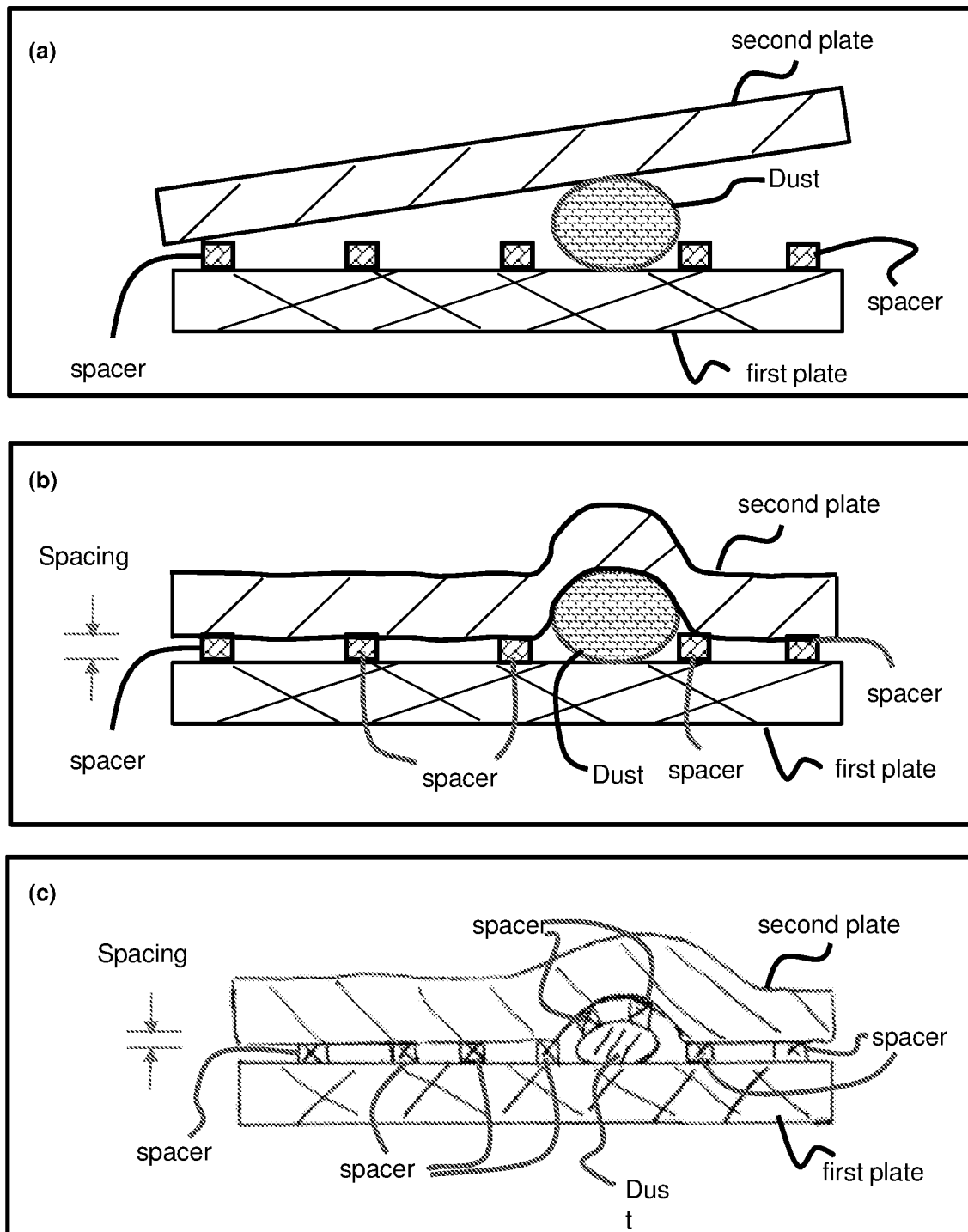


FIG. 6

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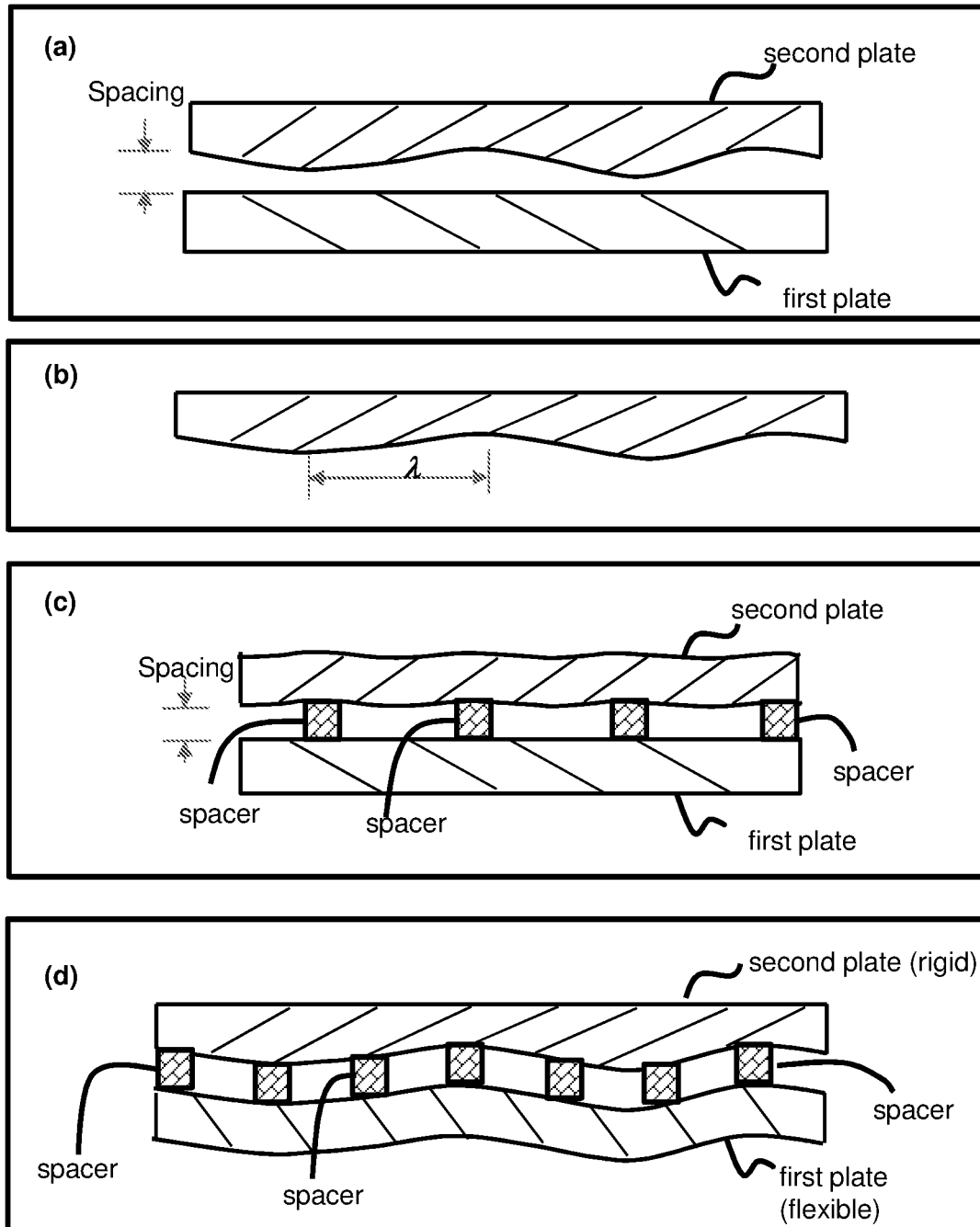


FIG. 7

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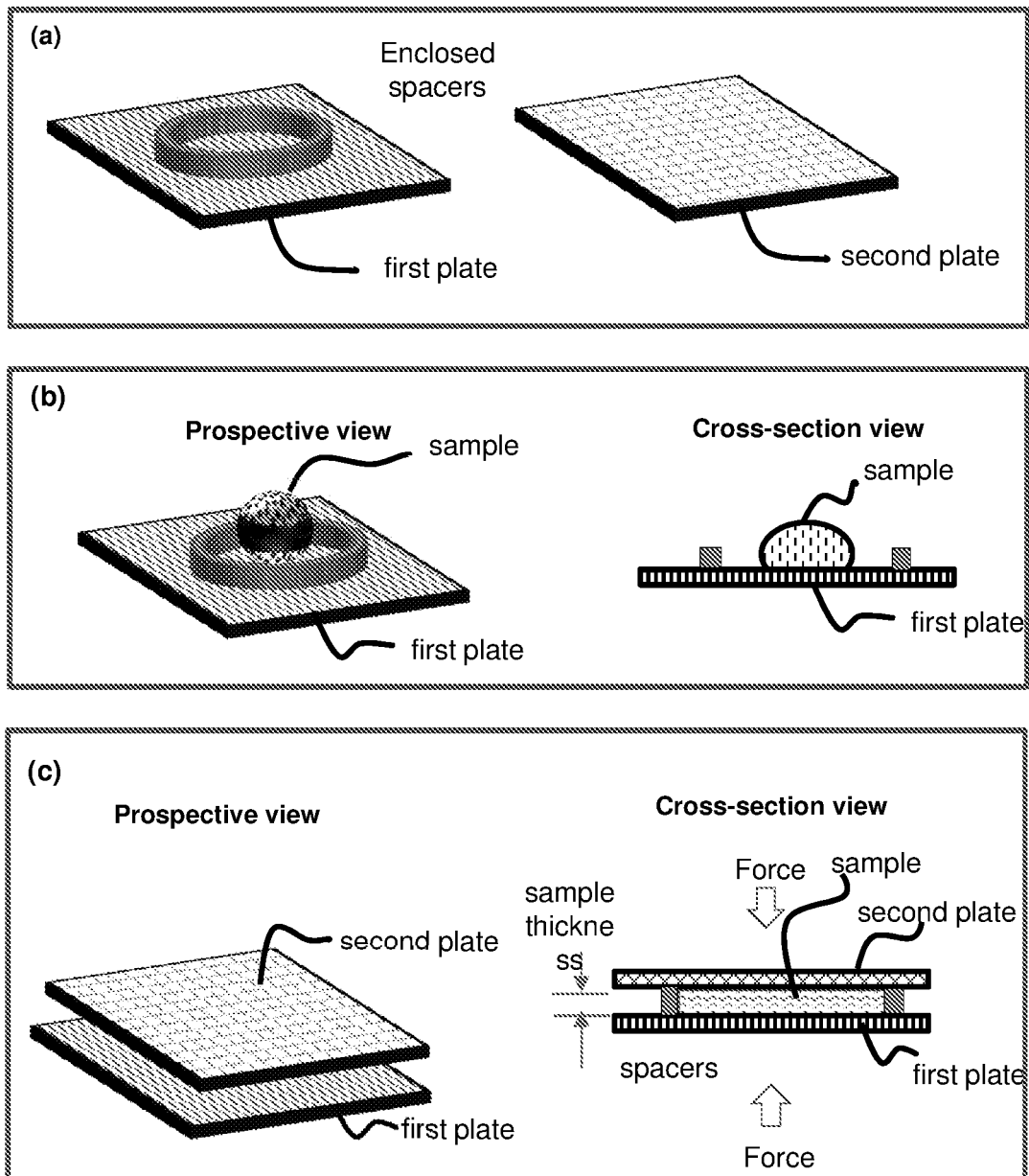


FIG. 8

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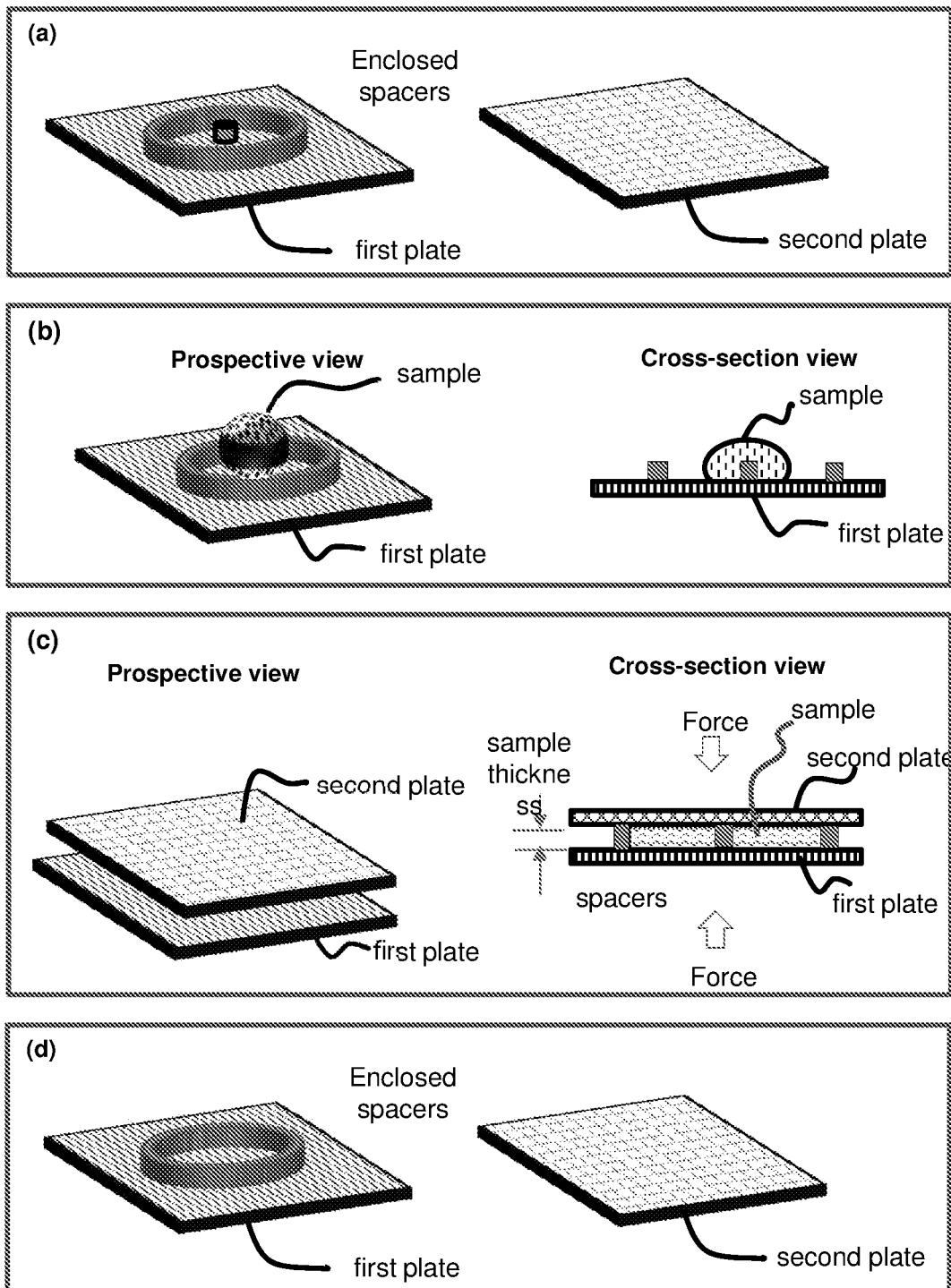


FIG. 9

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Case 1. Multiplexing. One binding site for one or multiple storage sites

Different storage sites can have the same detection agent but different concentration or different detection agents of the same or different concentration.

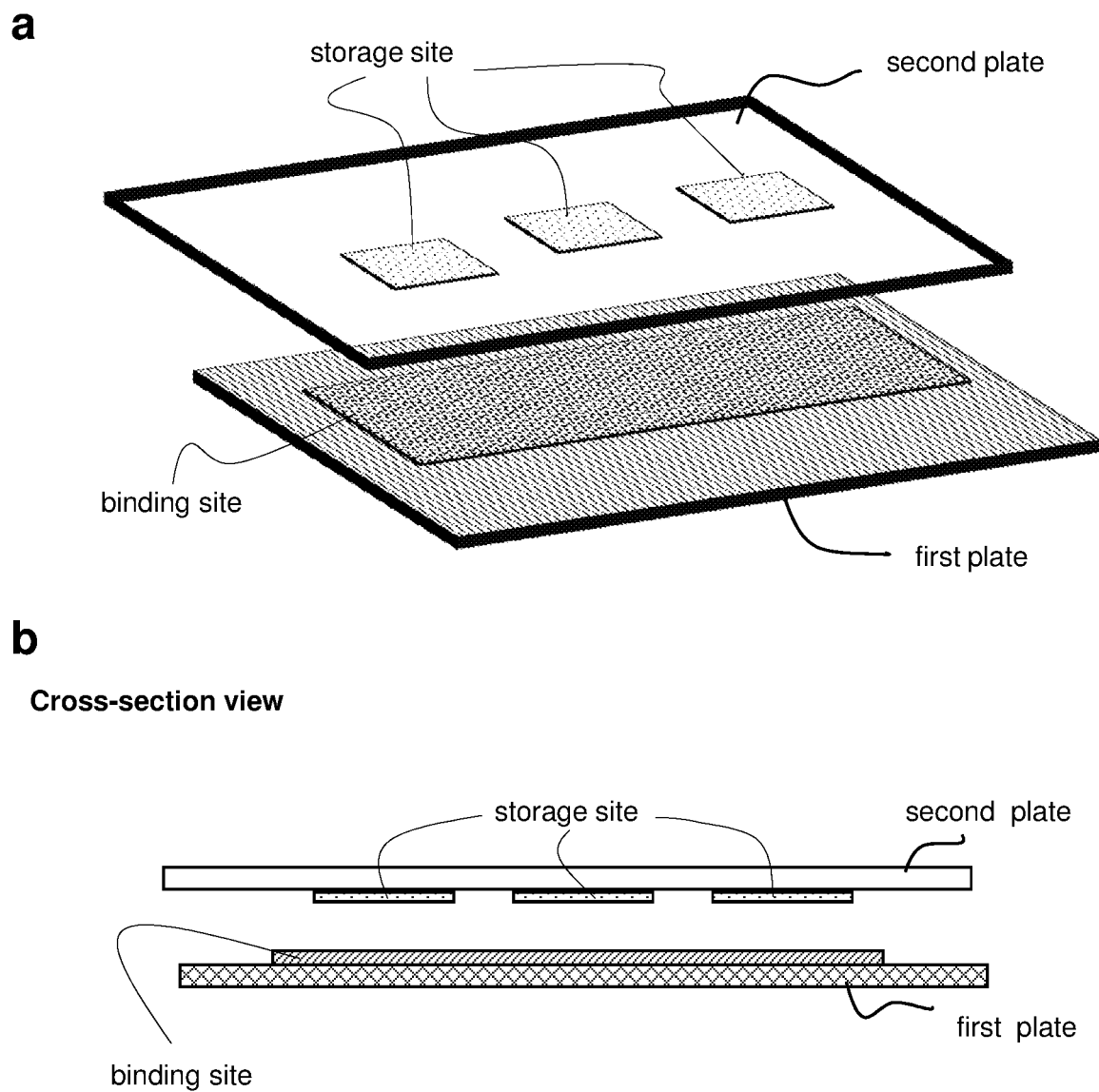


FIG. 10

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Case 2. Multiplexing. One storage site for one or multiple binding sites

Different storage sites can have the same detection agent but different concentration or different detection agents of the same or different concentration.

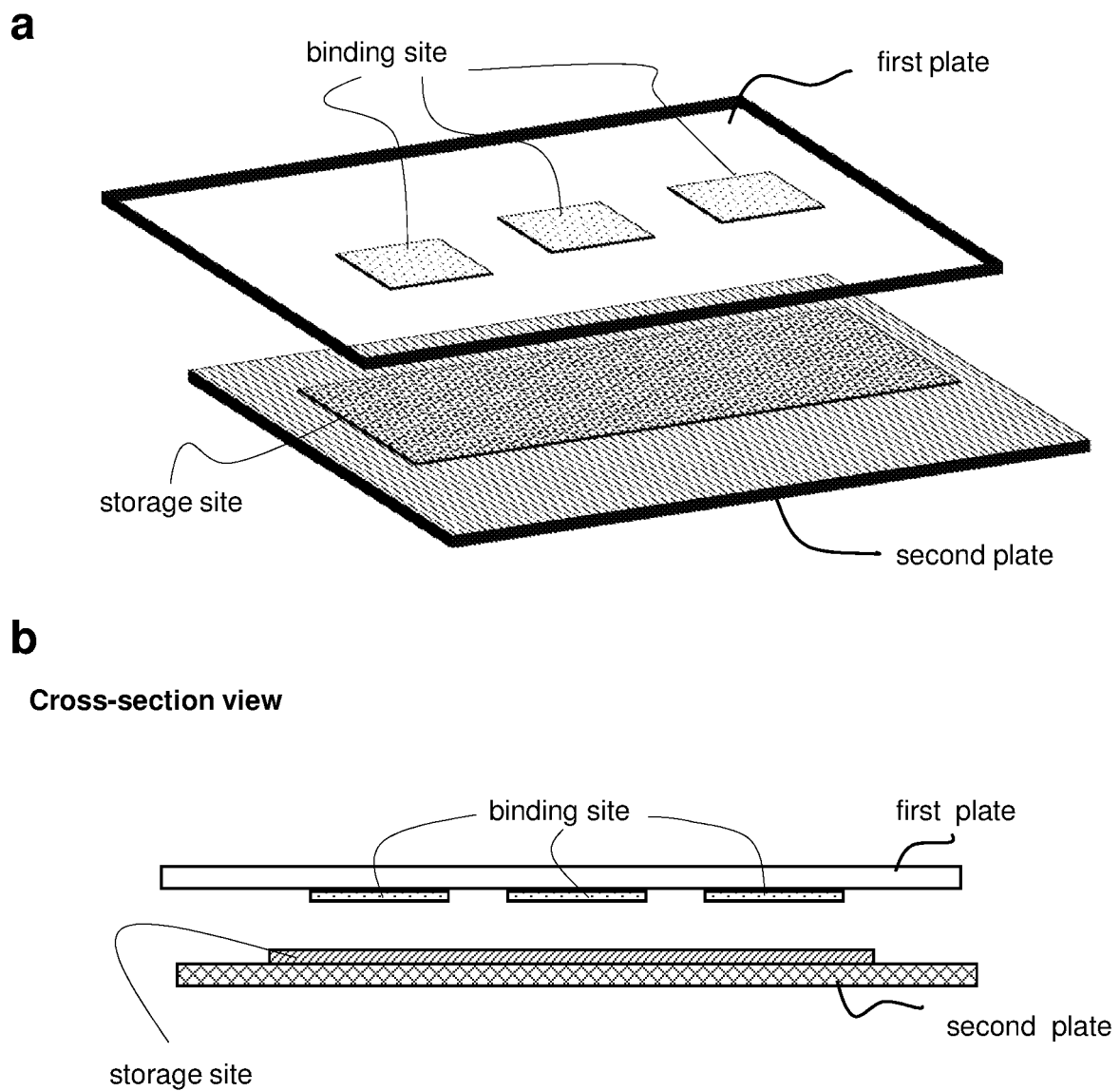
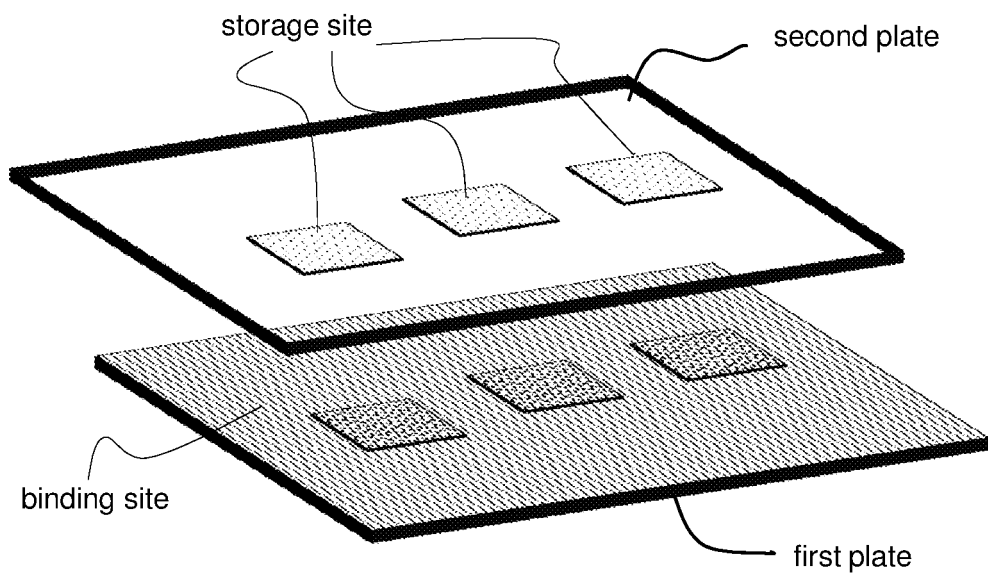
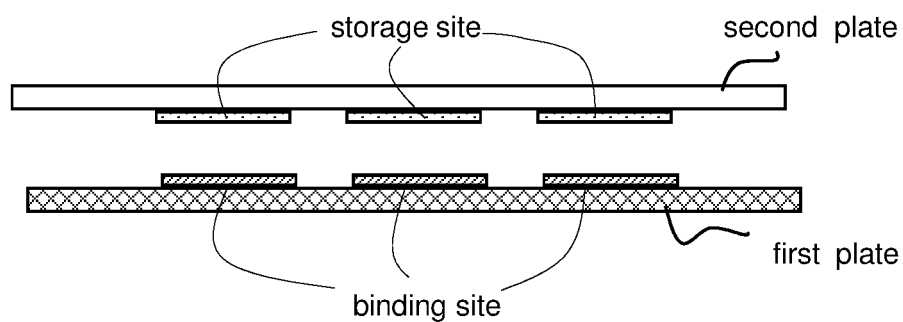


FIG. 11

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Case 3. Multiplexing. Multiple binding sites and multiple corresponding storage sites

Different storage sites can have the same detection agent but different concentration or different detection agents of the same or different concentration.

a**b****Cross-section view****FIG. 12**

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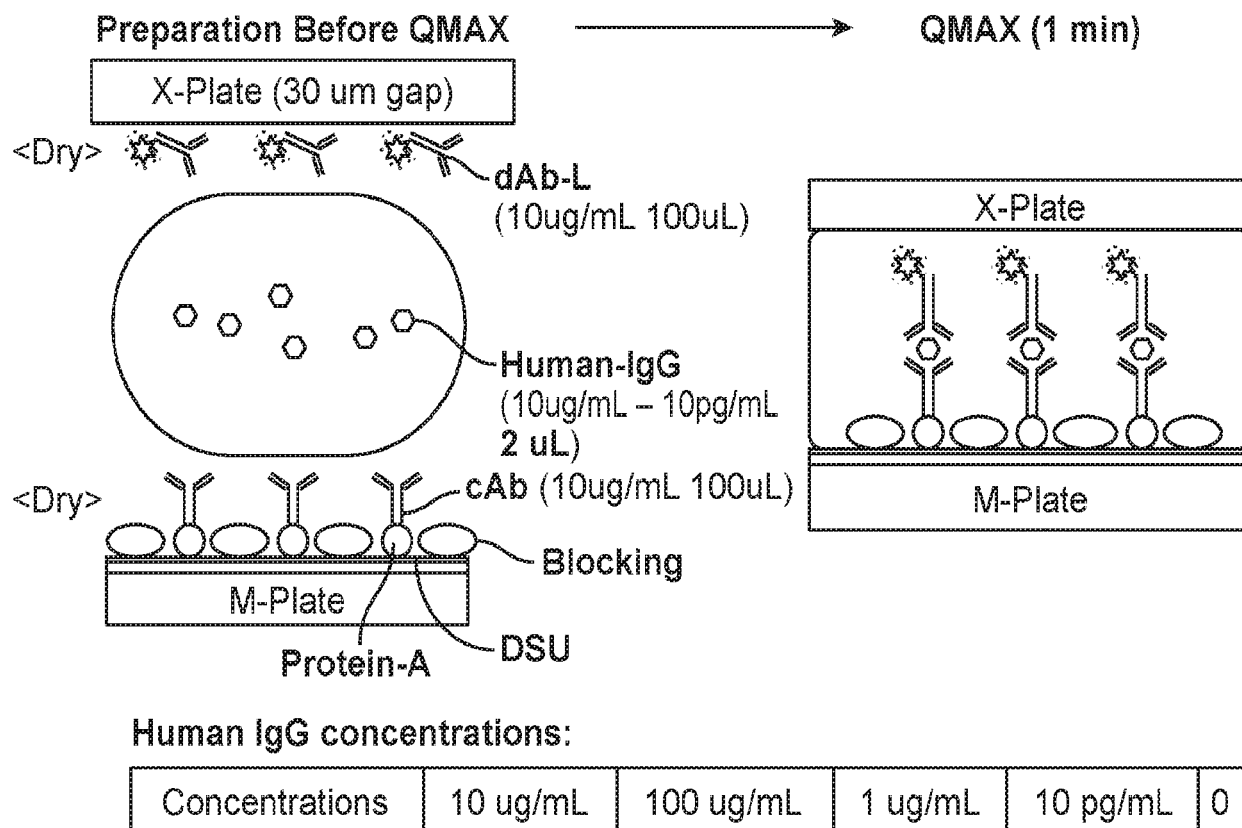


FIG. 13A

Experimental Data:

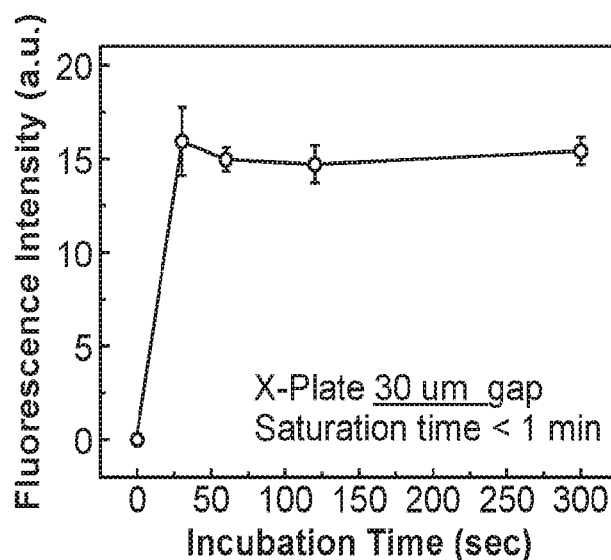
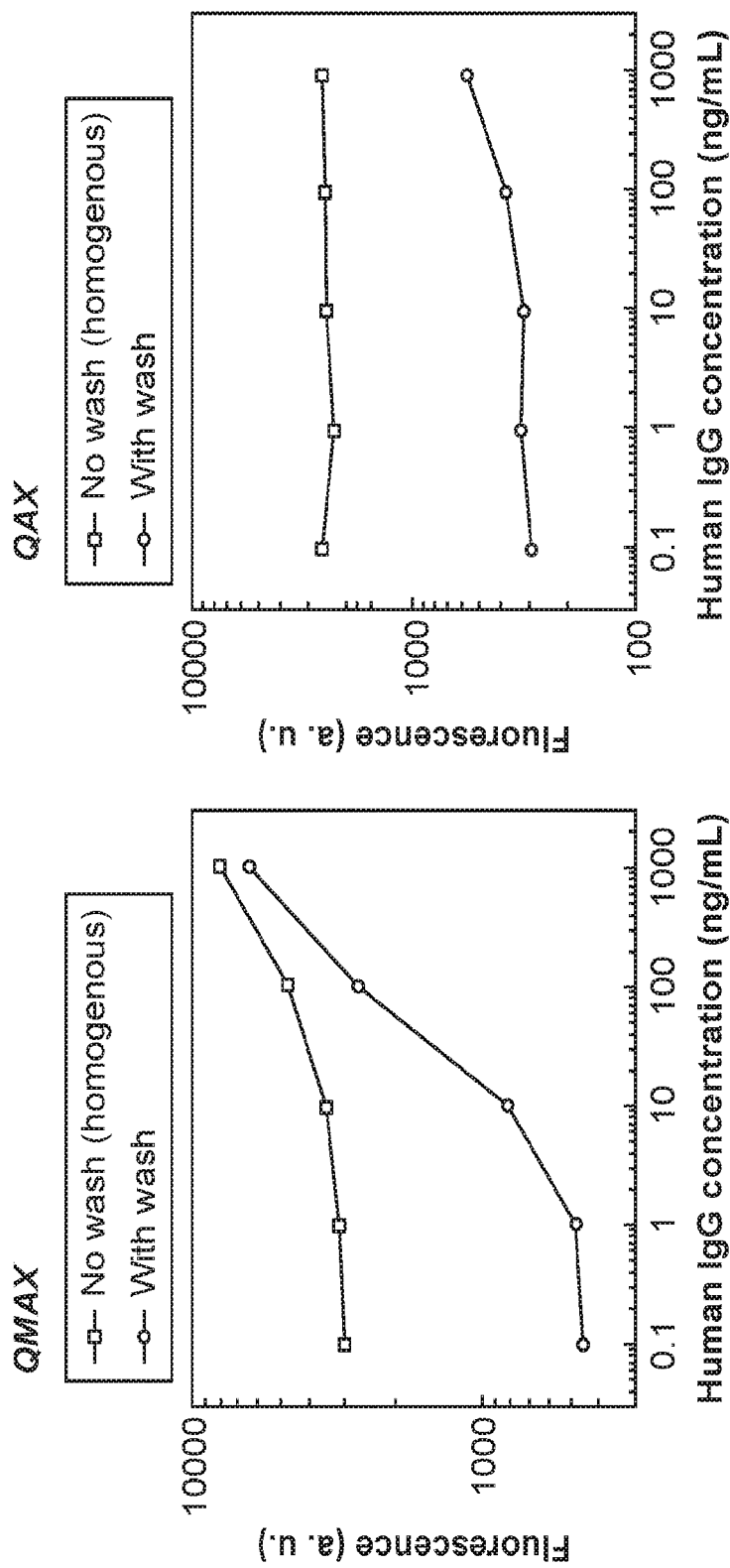


FIG. 13B

SUBSTITUTE SHEET (RULE 26)



No.,	Device	Wash or No wash	LoD
1	QMAX	With wash	2 pM (300 pg/mL)
2	QMAX	No wash	10 pM (1.5 ng/mL)
3	QAX	With wash	200 pM (30 ng/mL)
4	QAX	No wash	---

FIG. 14

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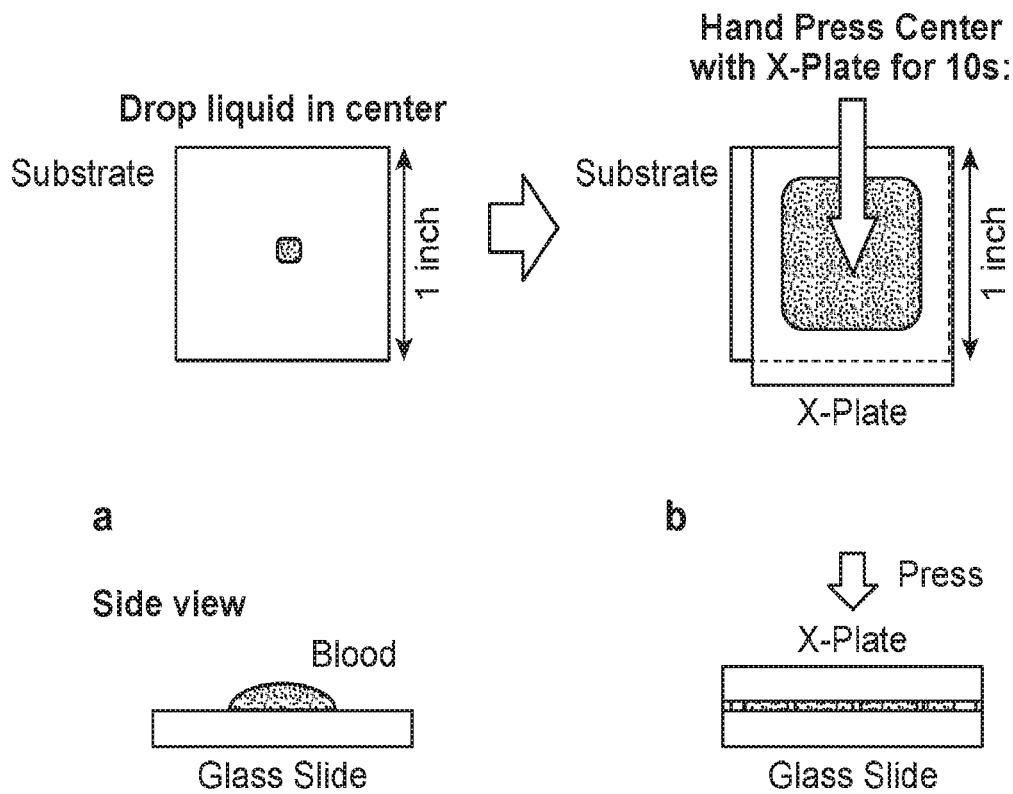


FIG. 15

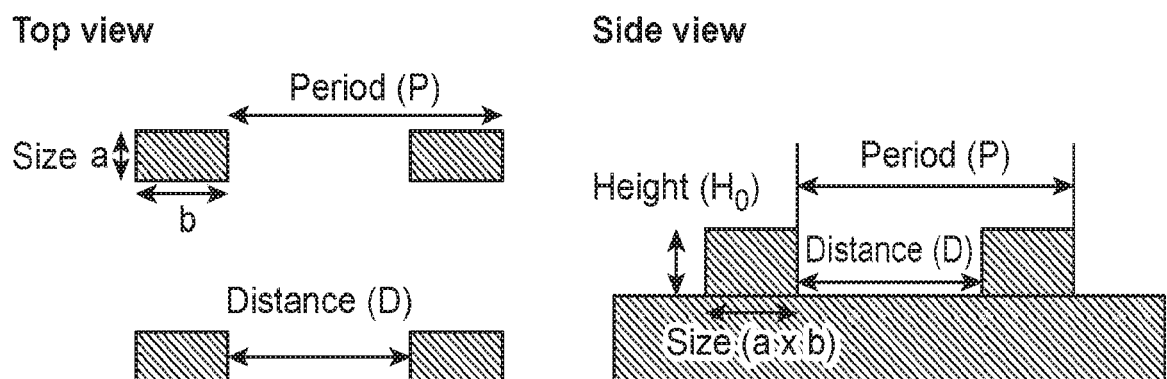


FIG. 16

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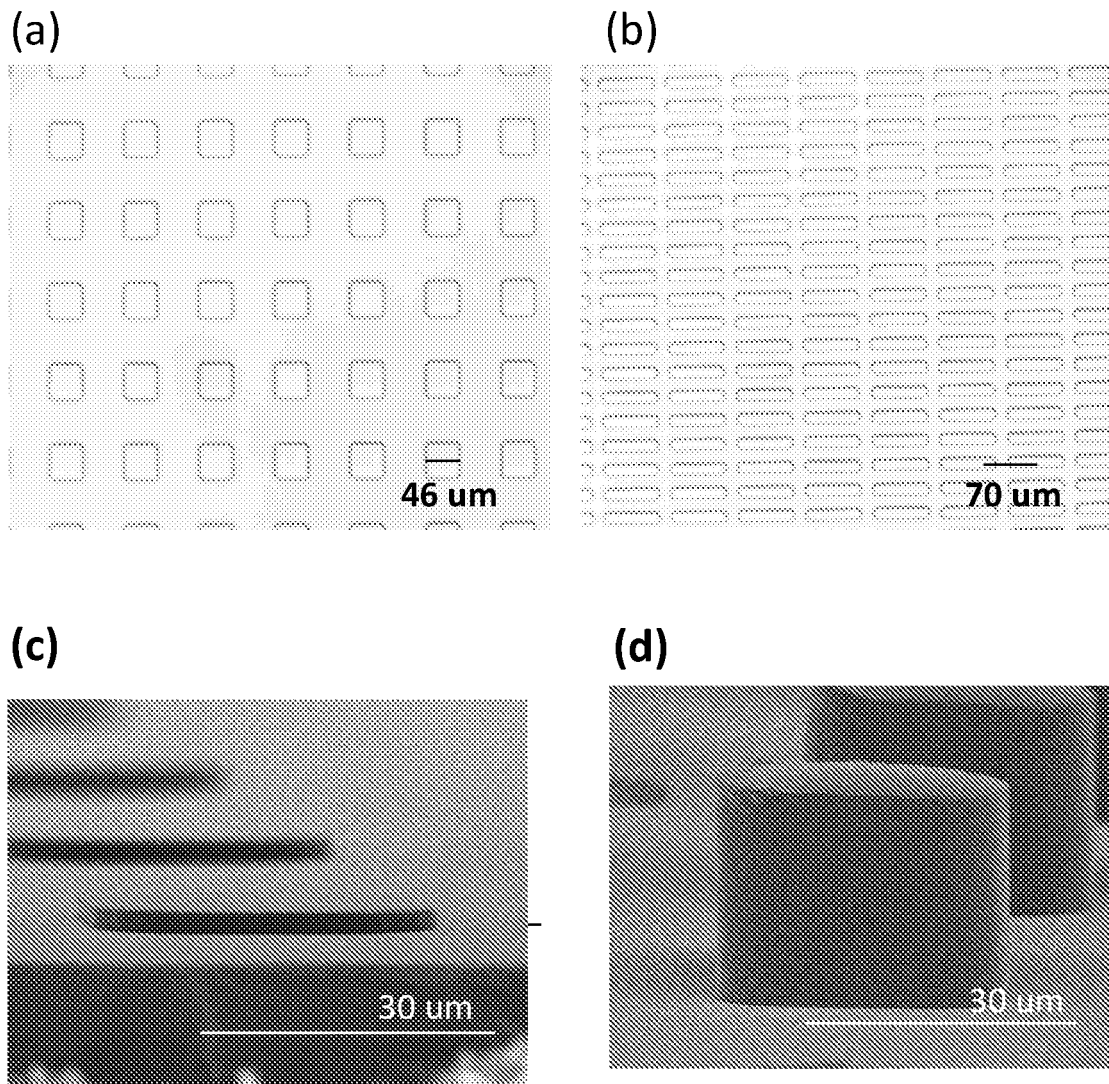


Fig. 17

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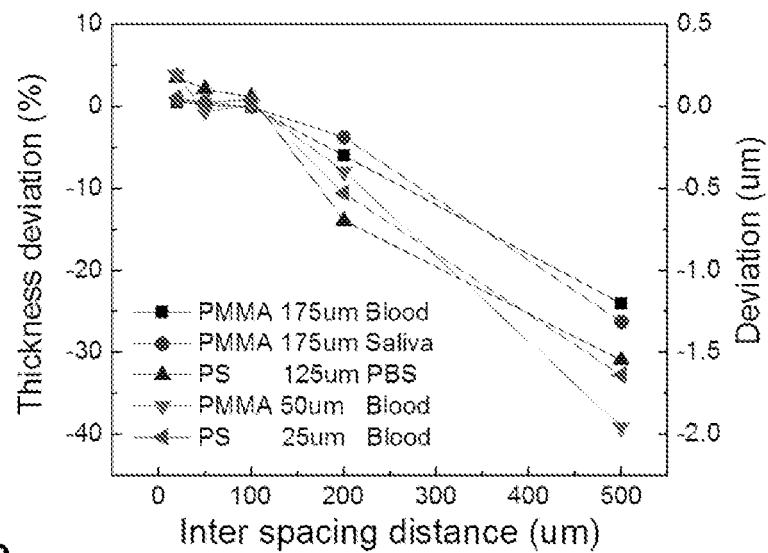
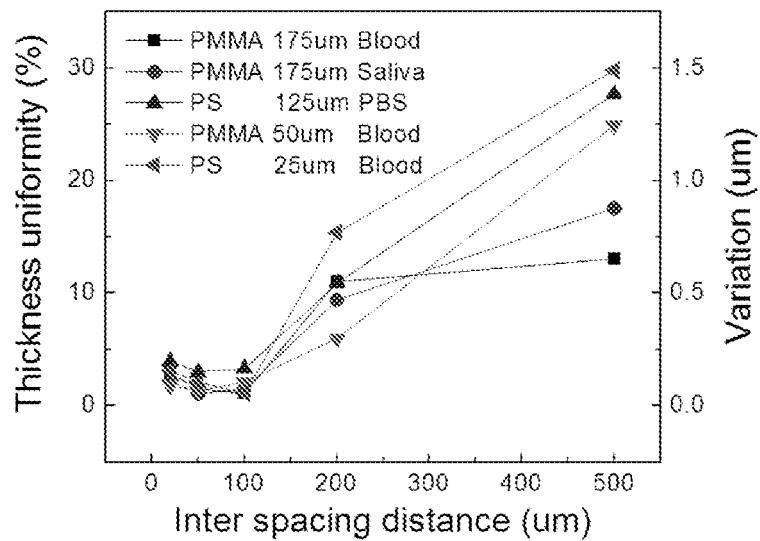
a**b**

Fig. 18

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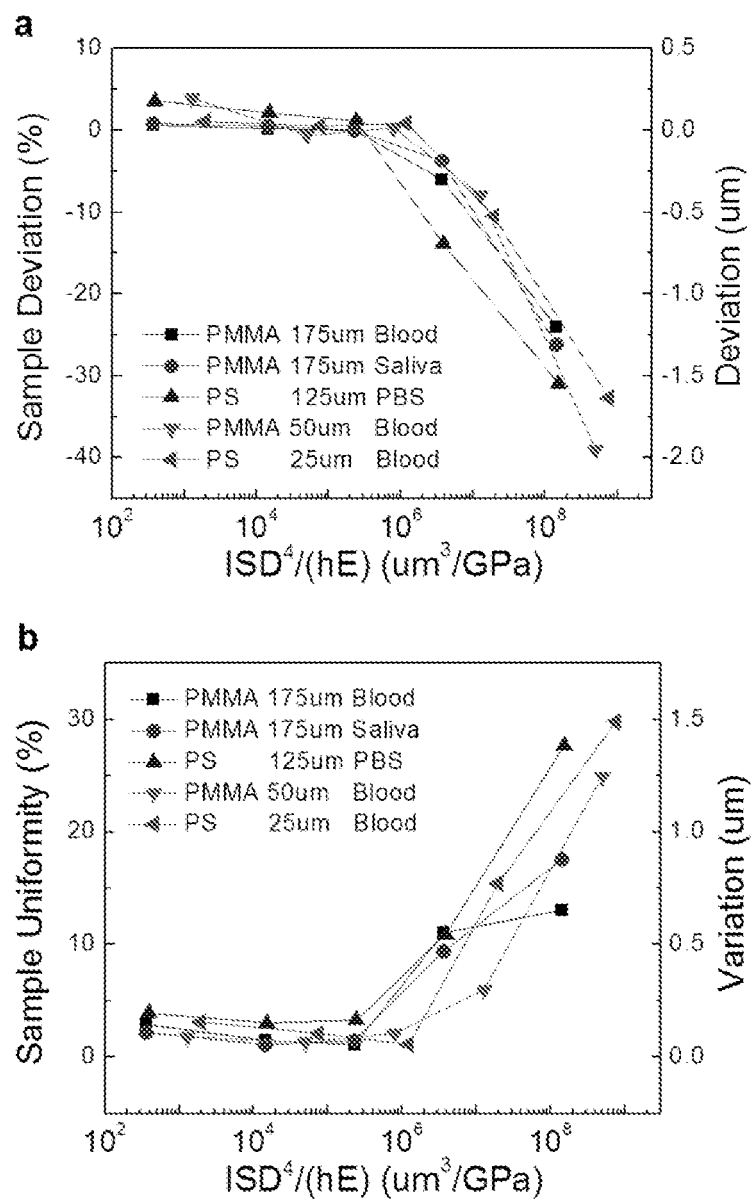


Fig. 19

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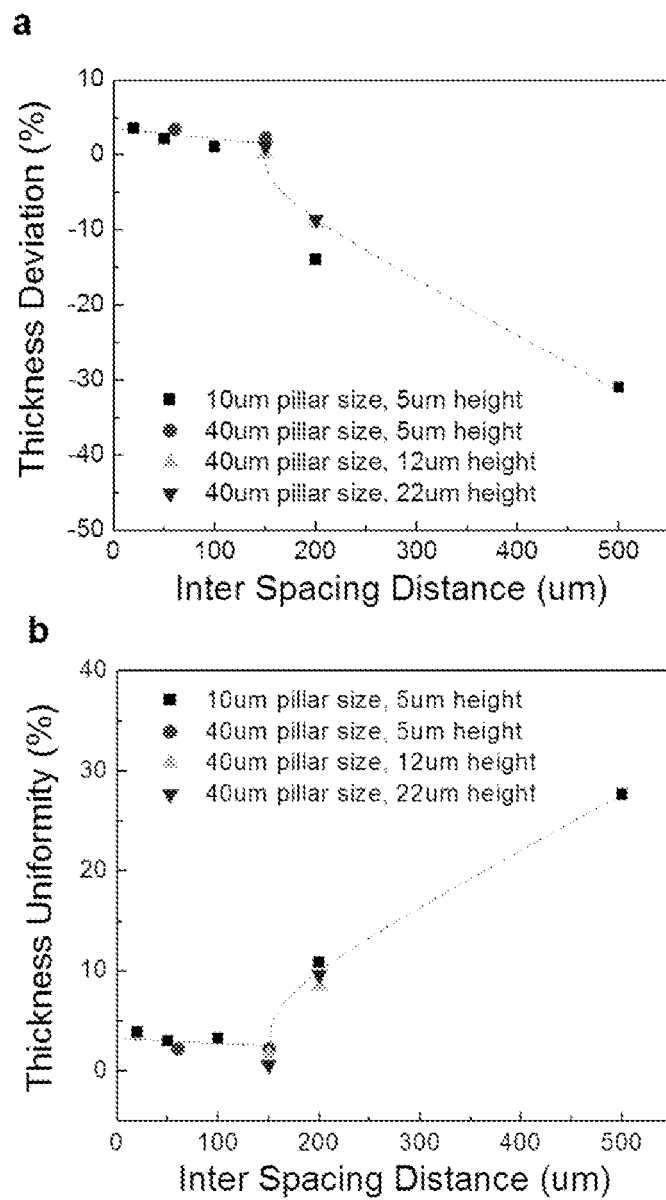


Fig. 20

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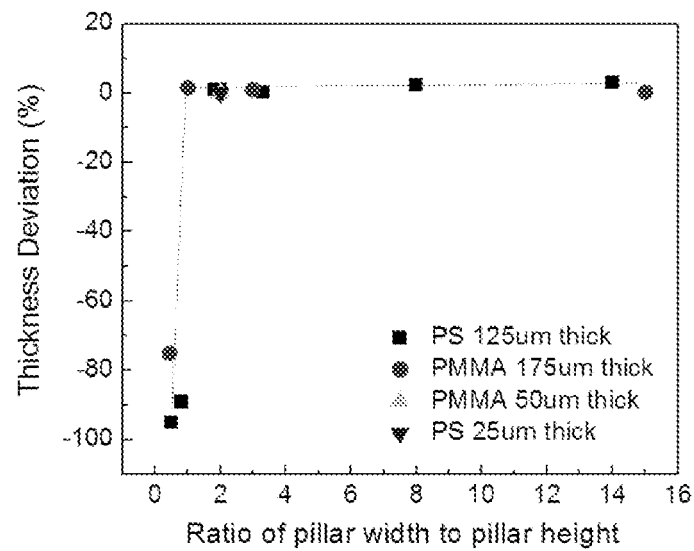
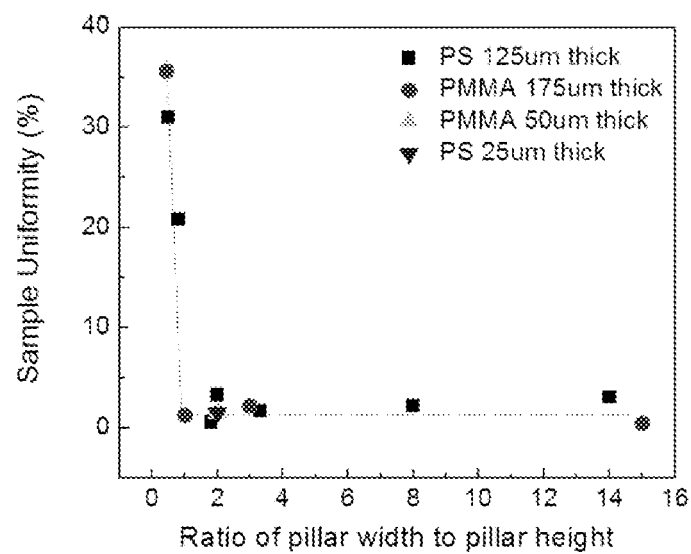
a**b**

Fig. 21

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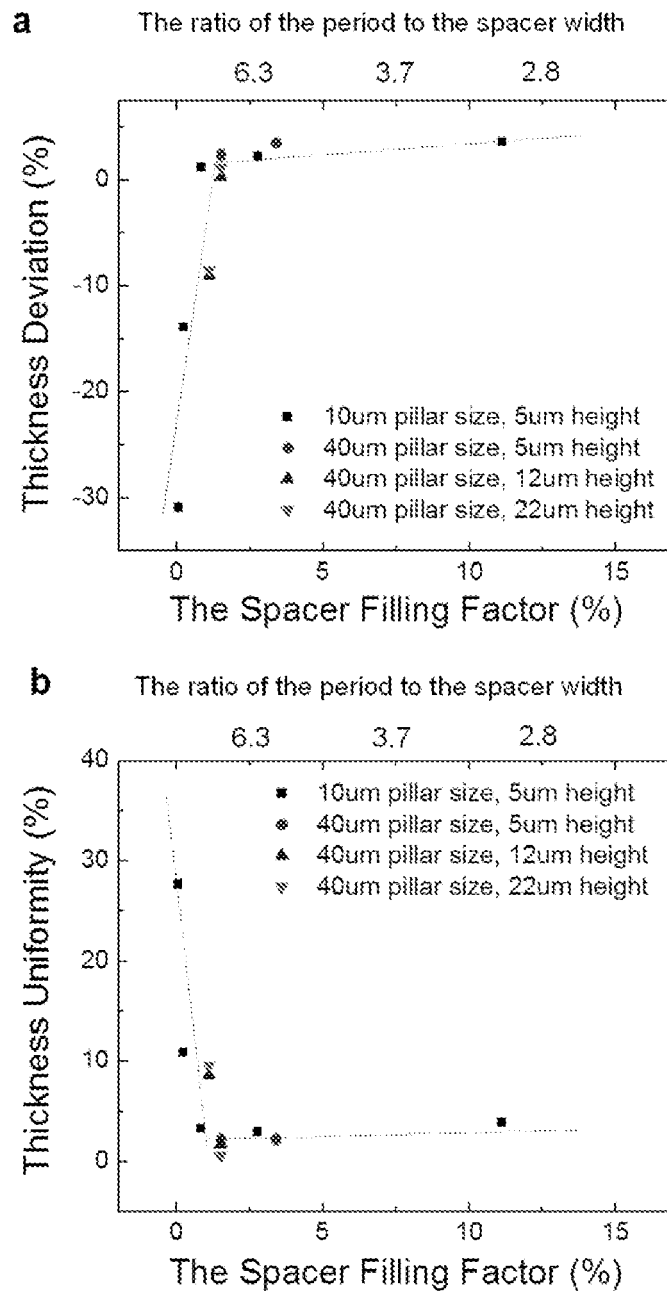


Fig. 22

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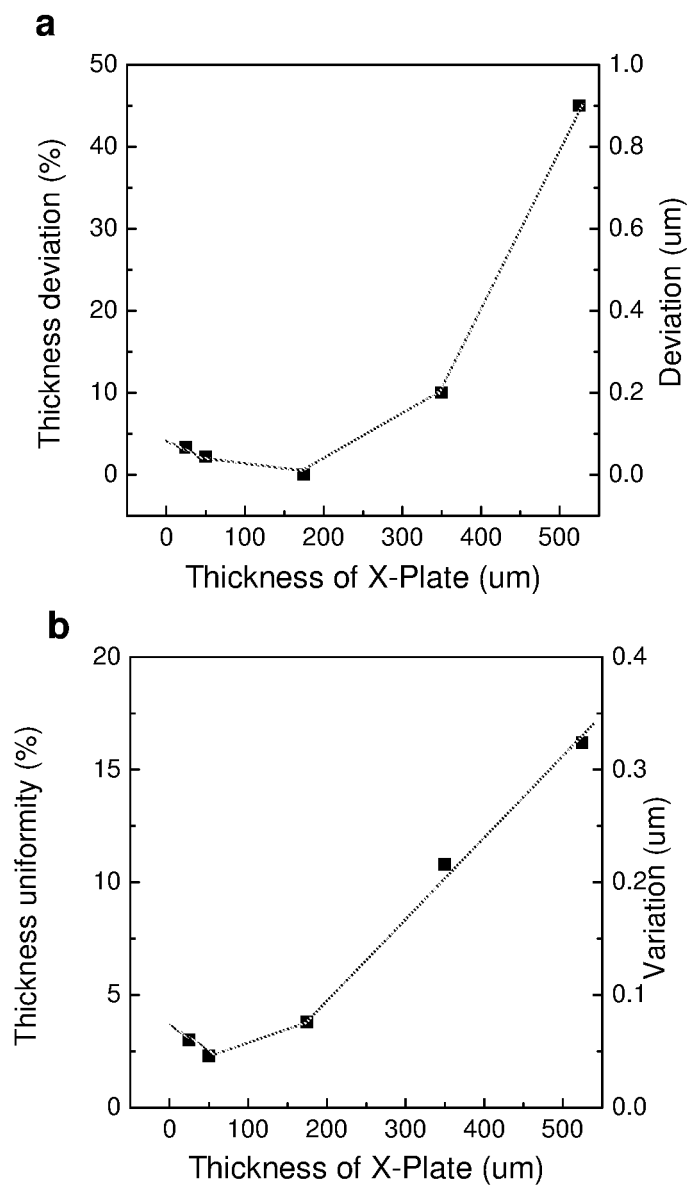


Fig. 23

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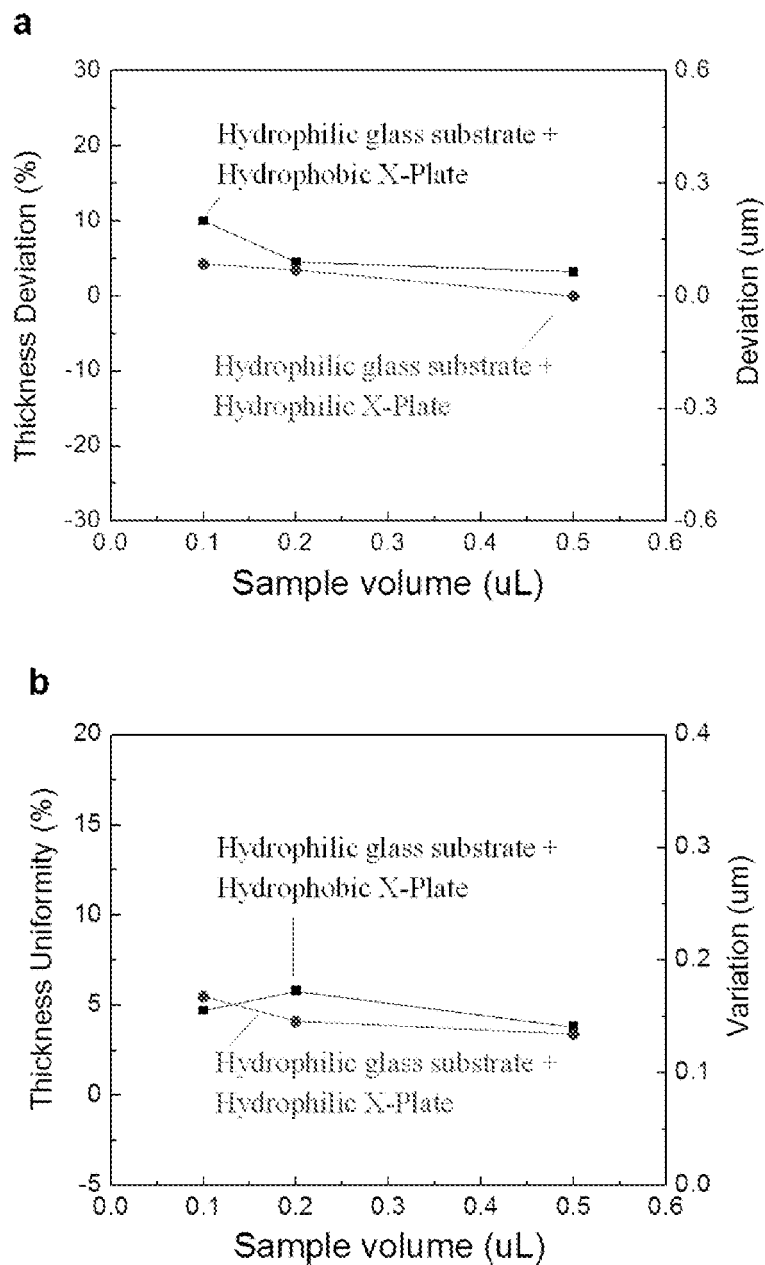


Fig. 24

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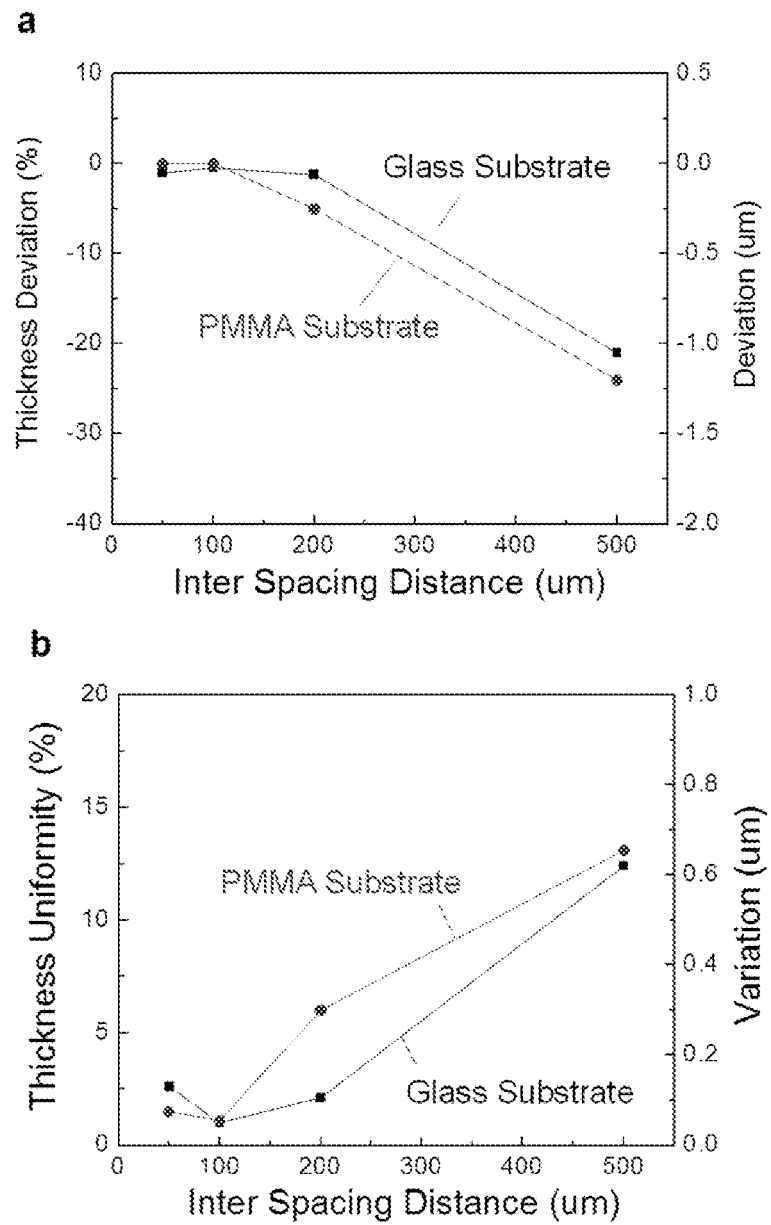


Fig. 25

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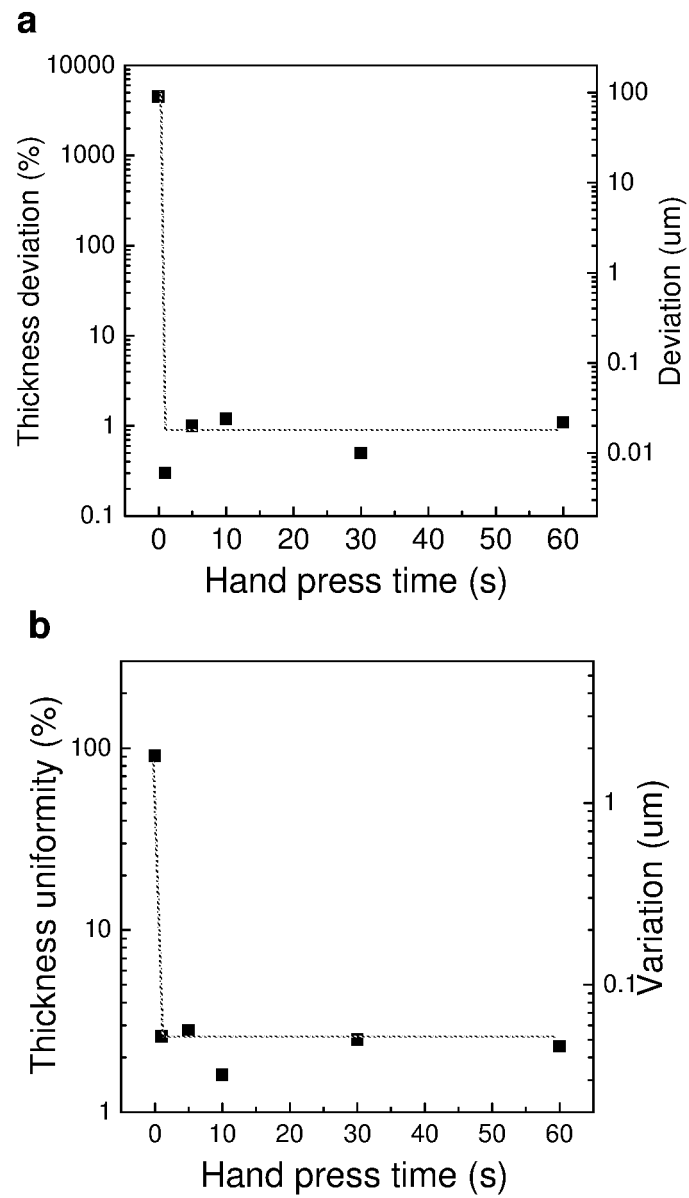


Fig. 26

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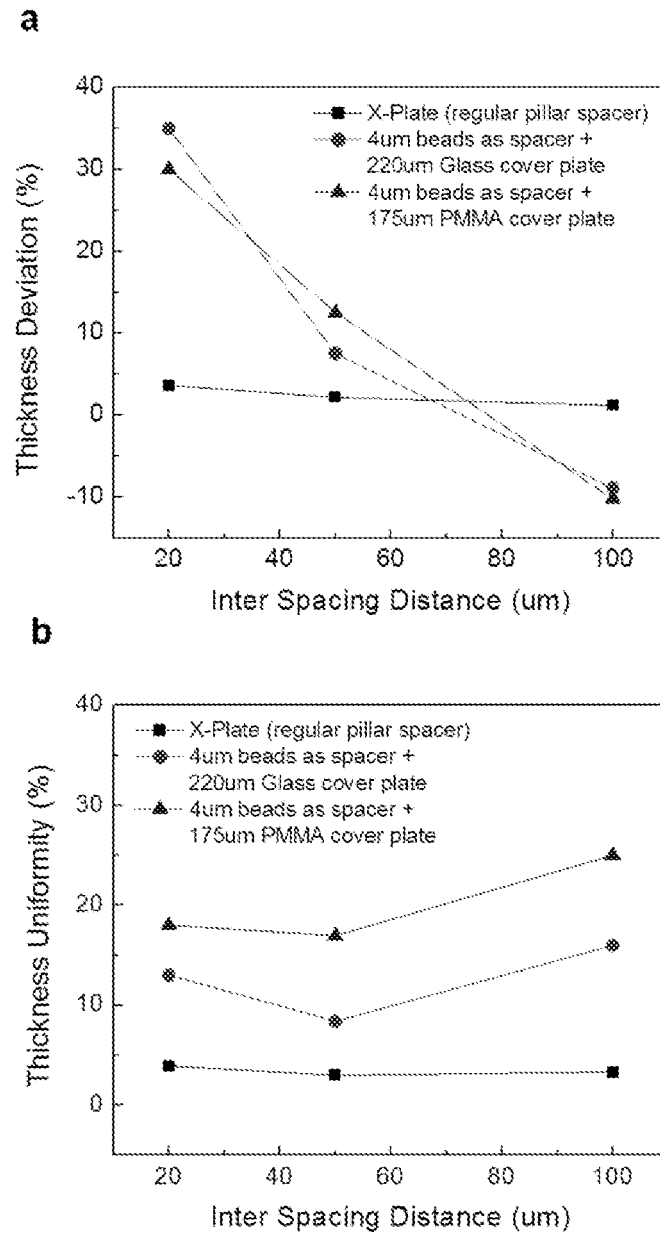


Fig. 27

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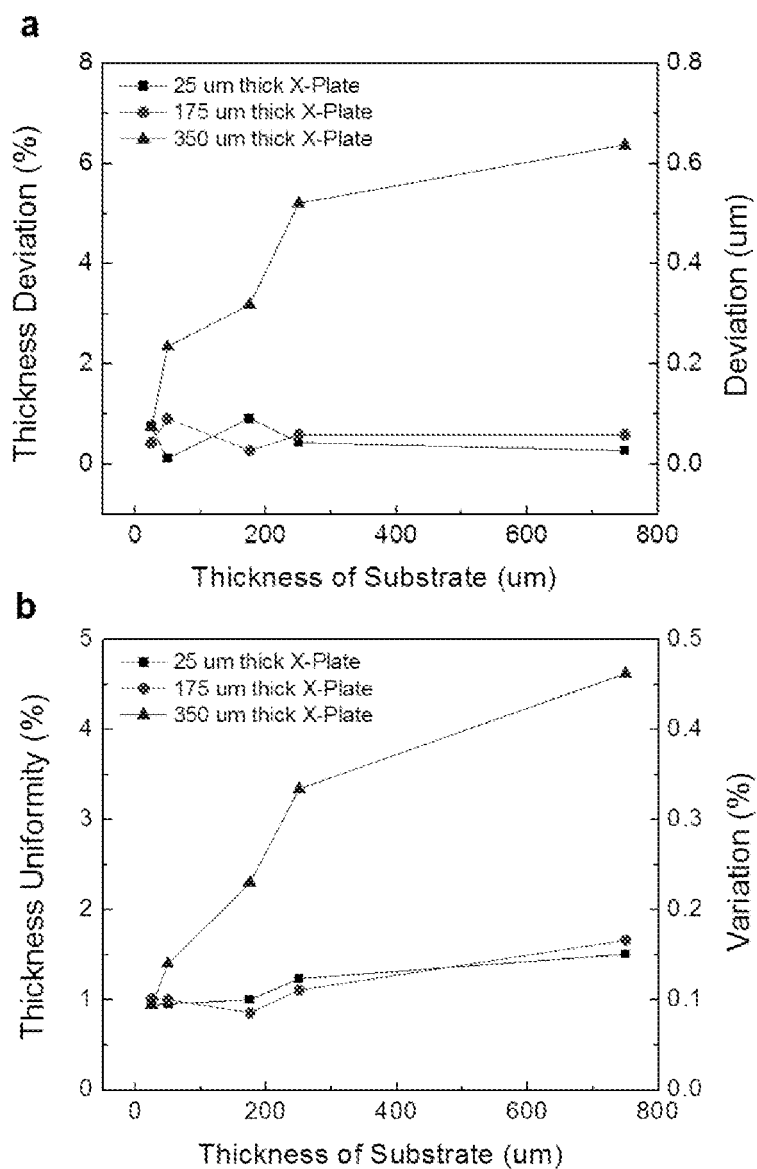


FIG. 28

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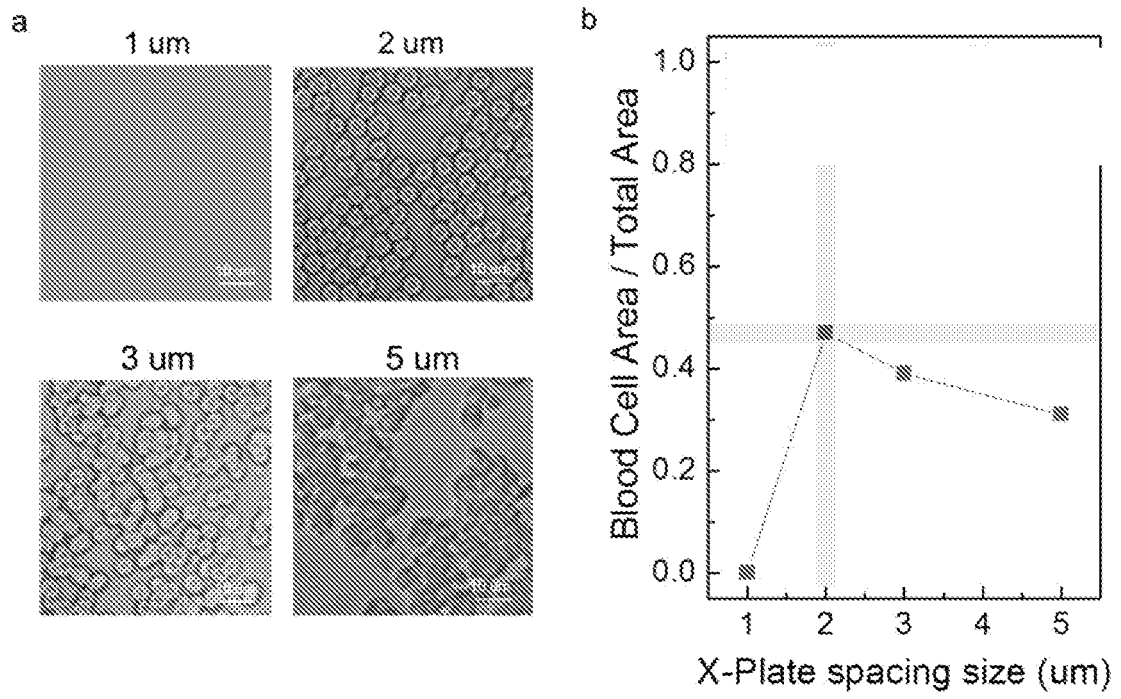
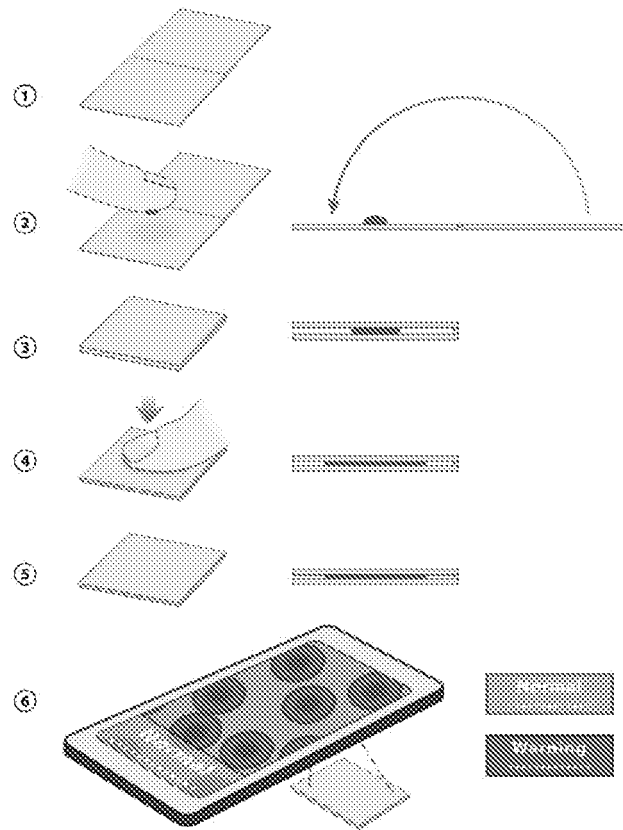


FIG. 29

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(a)



(b)

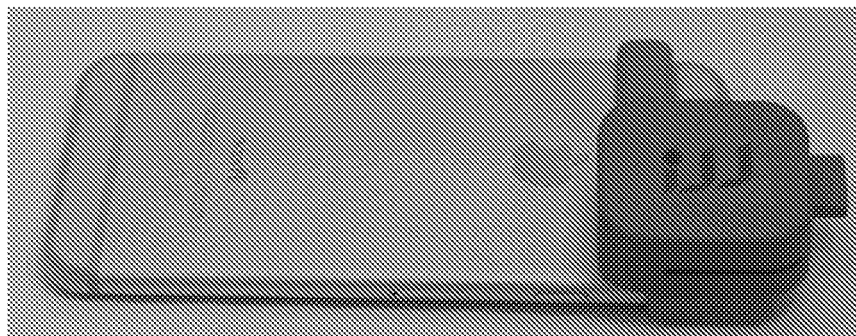


FIG. 30

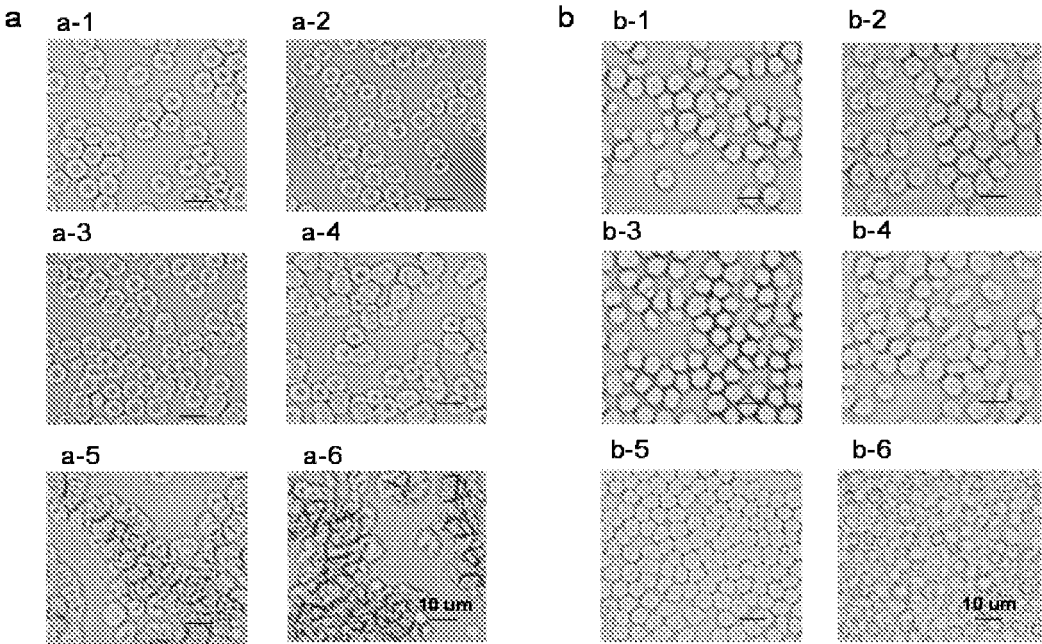


FIG. 31

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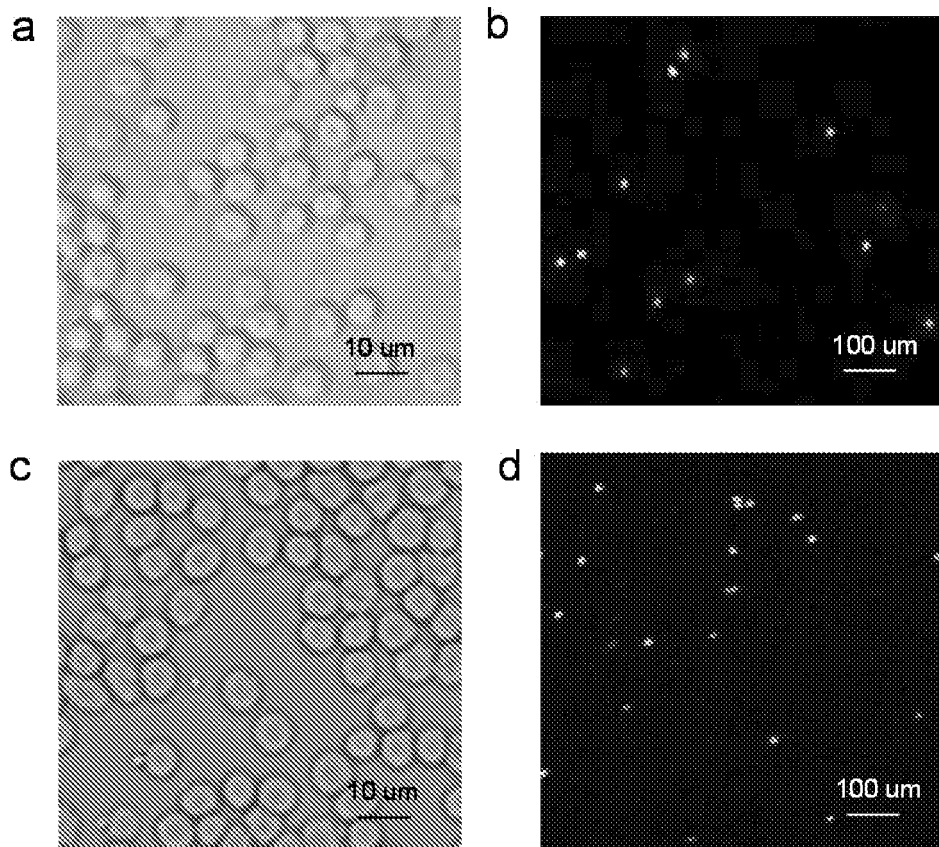


FIG. 32

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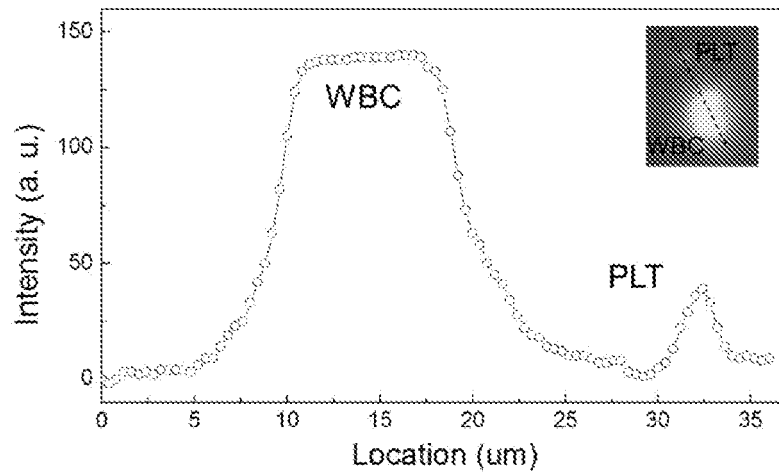
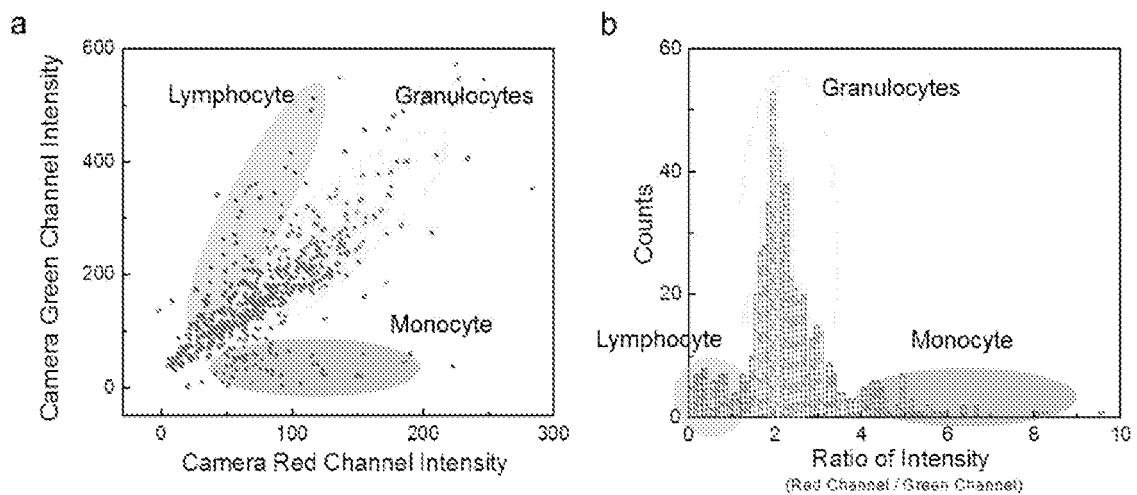


FIG. 33



	Granulocytes	Lymphocyte	Monocyte
Measured	70 %	22 %	8 %
Normal Value	50-70 %	25-35 %	3-9 %

FIG. 34