

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl.⁷
H01L 29/78

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(24)

2004 12 23
10-0463203
2004 12 14

(21) 10-2002-0078226
(22) 2002 12 10

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(72) 868 201 904

(74)
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(54)

가

가

가

7a

(COB)

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2
3 10
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*
100 : 180 :
200 : 240 :
280a, 280b : , 340 :

(B) (200B) (B) (200C) (C) (200A) (A) (200A) (A) (200B)

(240) (240) (220) 7 8 (100) 7a 7b (240)

(240) (200) 가 (200C) (200) (180) (200) (240)

(240) (200A) 가 (240) (200B)

8a 8b (240) (260) 가 , 가

(260) (240) (260) (200A) (200B)

(280a) (280b) (p) (n)

가 (260) (LDD:Lightly Doped Drain)

(240) (260)

9 9 10 (300)

(320a, 320b) (280a) (280b) (280a) (320a)

가 (280b) (320b) (320a)

10 (320a, 320b) (330)

(280a) (320a)

(340) (340) (330) (340) (330) (240)

(340) (360) (330) (360) (280b)

(320b) (380) (380) (460) (360)

460 (420) (380) (420) (400), (440) (400) (360)

11 2

(200') (200'A), (200)

0'B) (200'C) (200'C) (240) (200)

(200'C) (200'C) (C) (240) (200'A) (A) (200'B) (B) (200'B)

(B) (200') 가 (200'B) 가 (200'BS) 가 (B) (240)

가 가 가 (200'B) (200)

'BS) (200'C) (240) (200'B) (200'B)

(200'A) 가 (240) (200'AS) (200'A) (200'C) (C) (A)

가 (200'C) (200'A) (240) (200'B)

(200'B) (200'A) (200'B)

2 (200) (200')

가

가

가

가

가,

(57)

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2.

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3.

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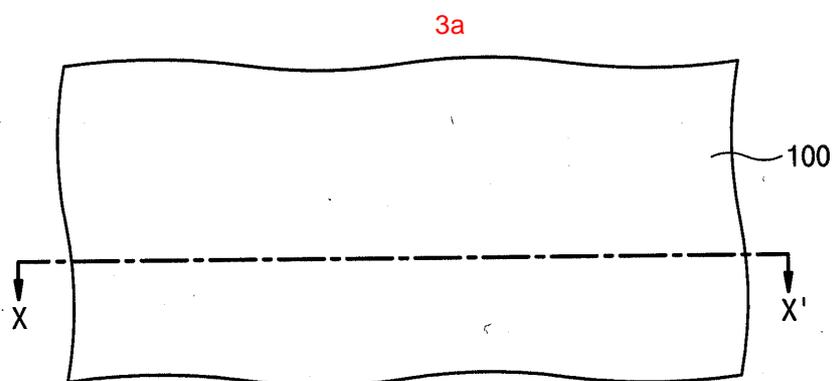
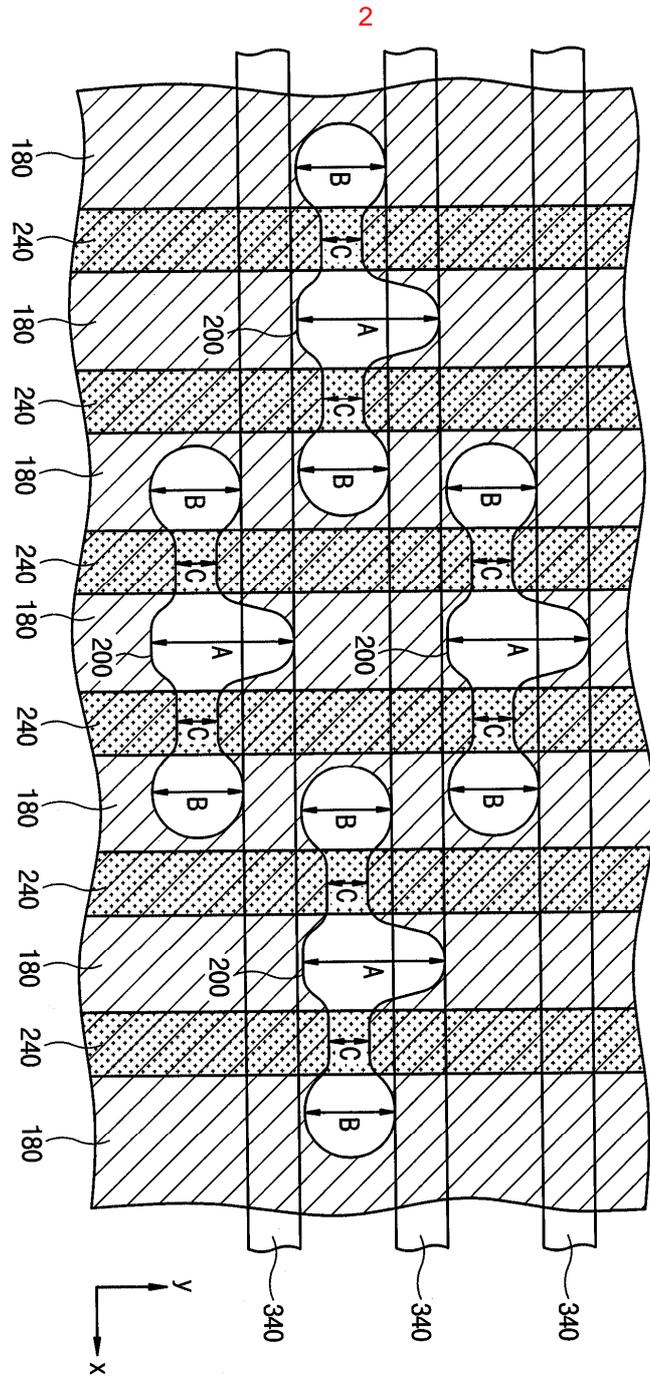
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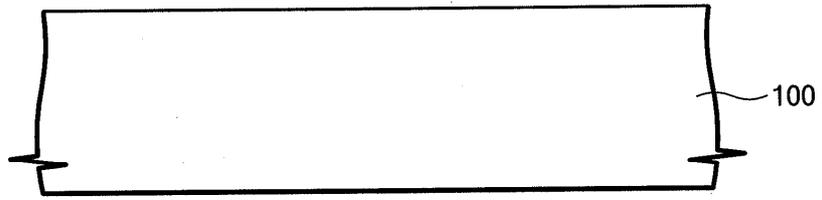
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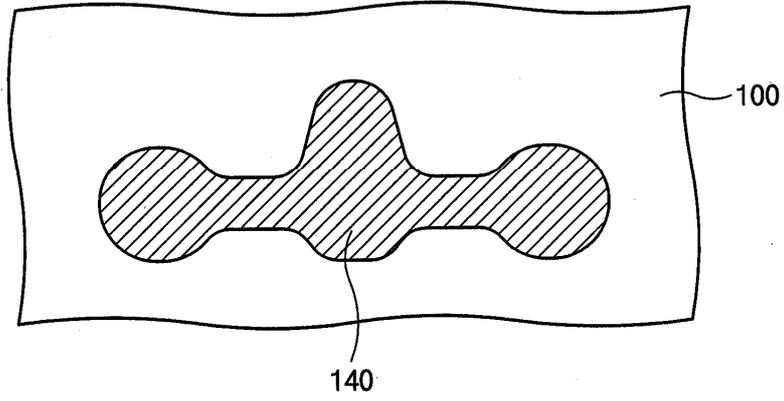
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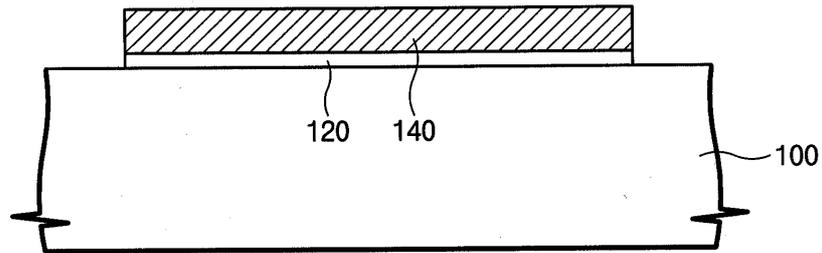
3b



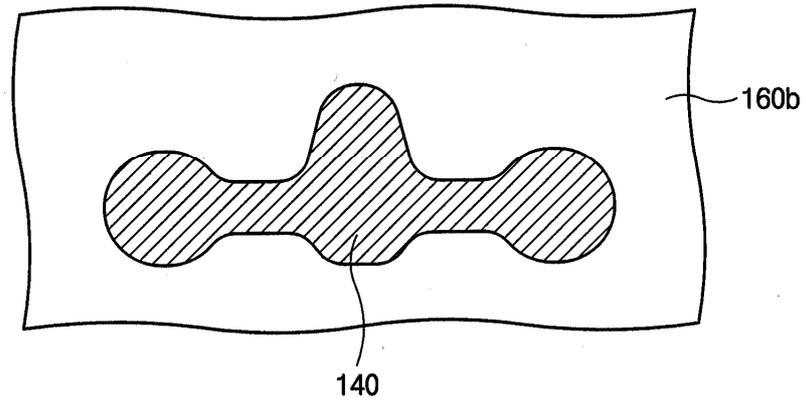
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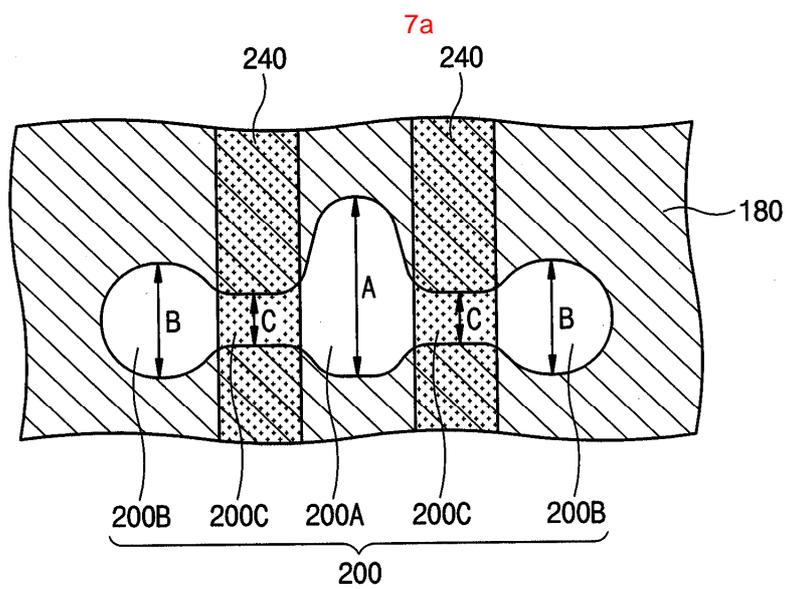
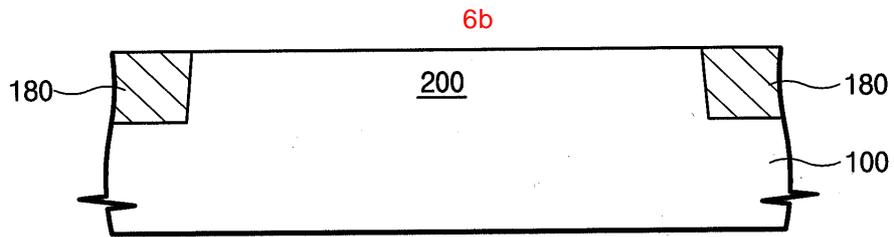
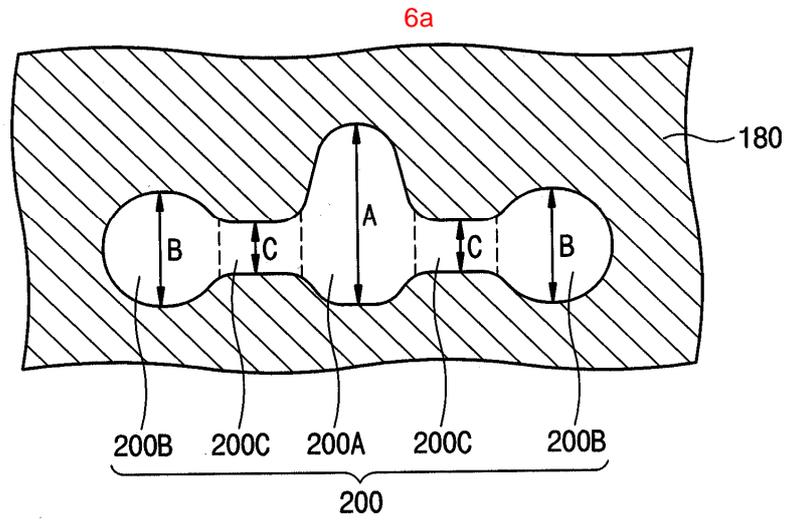
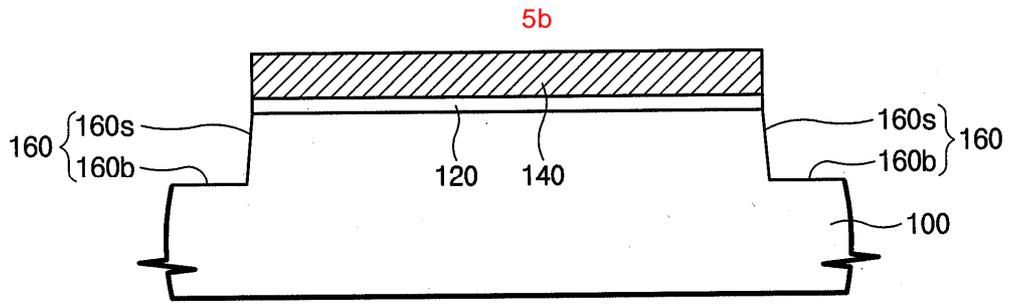


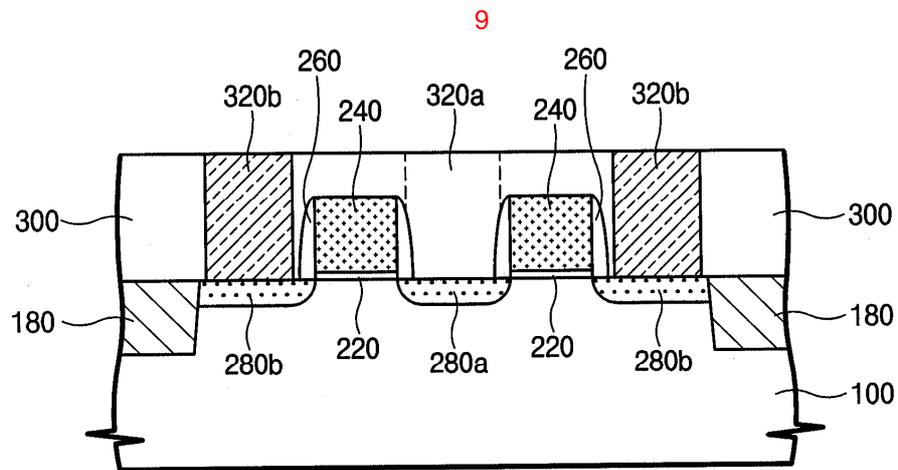
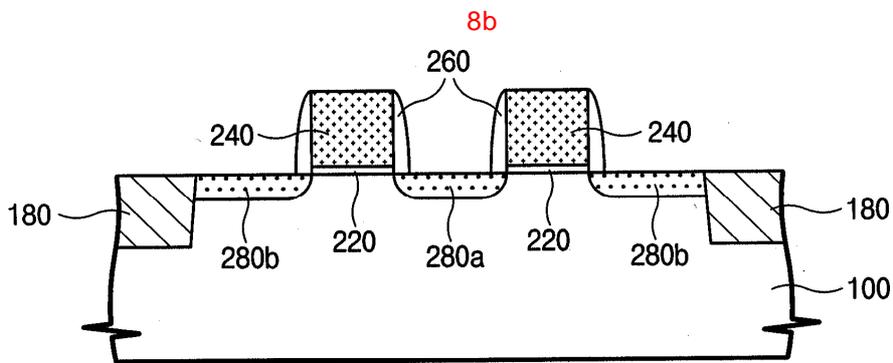
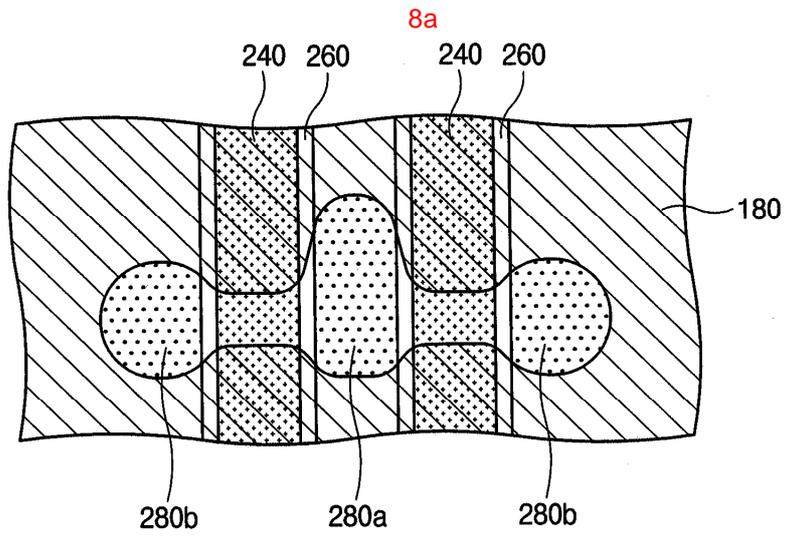
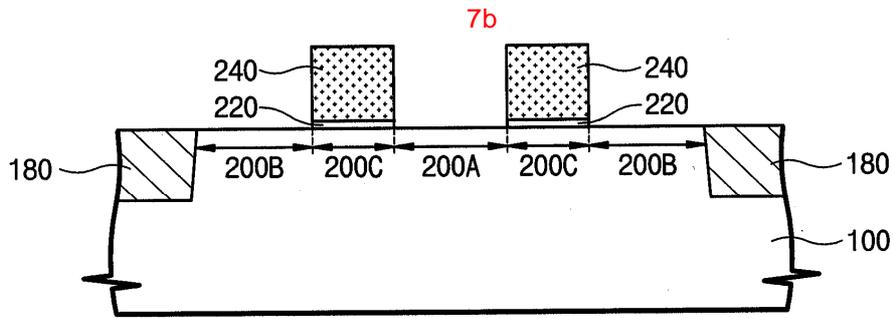
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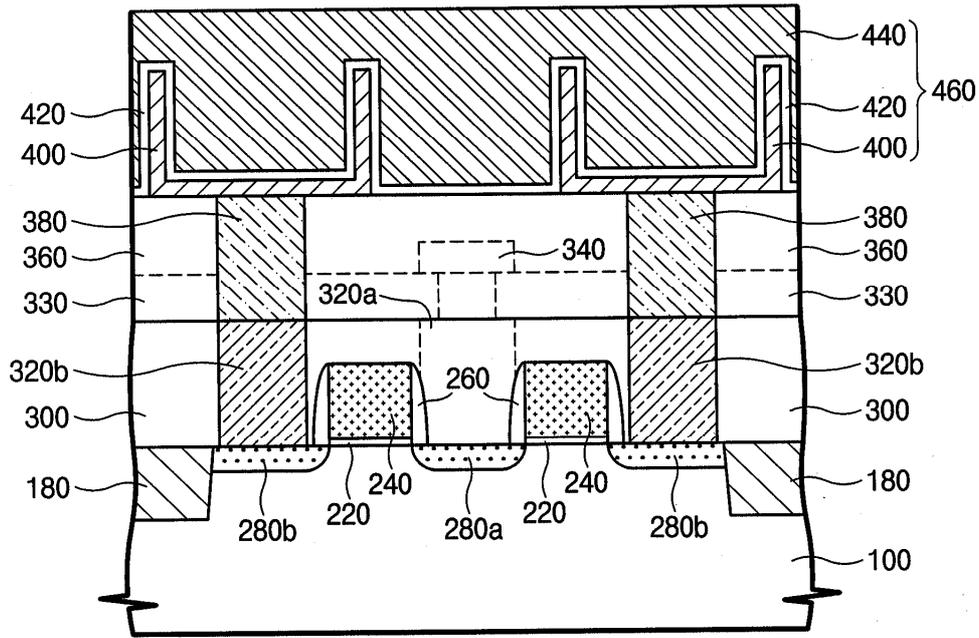
5a







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