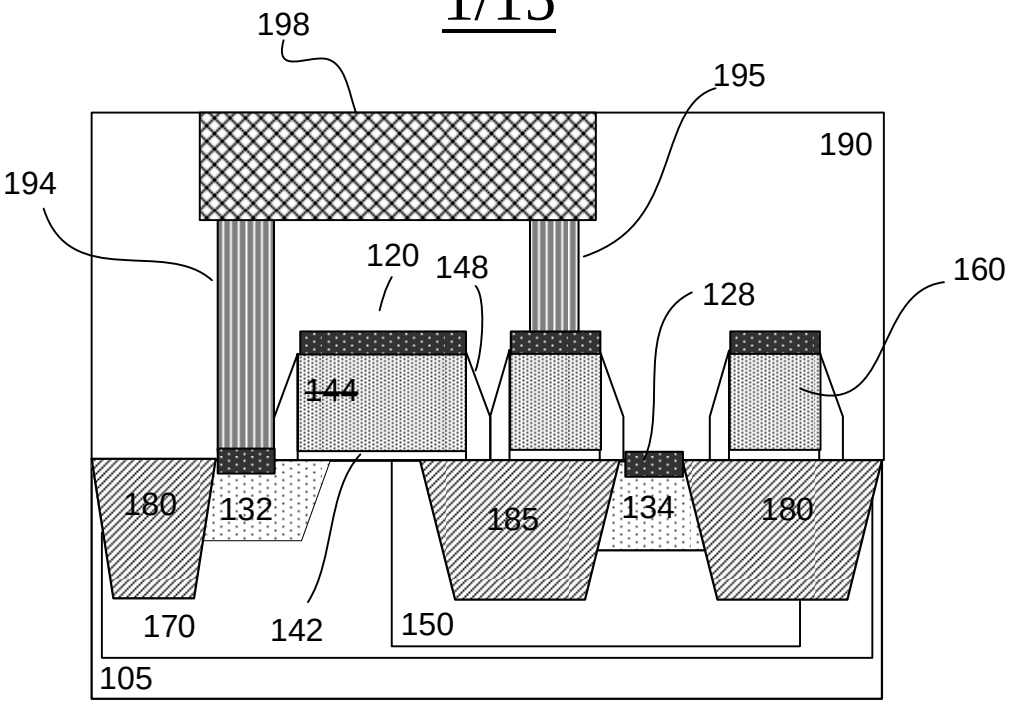
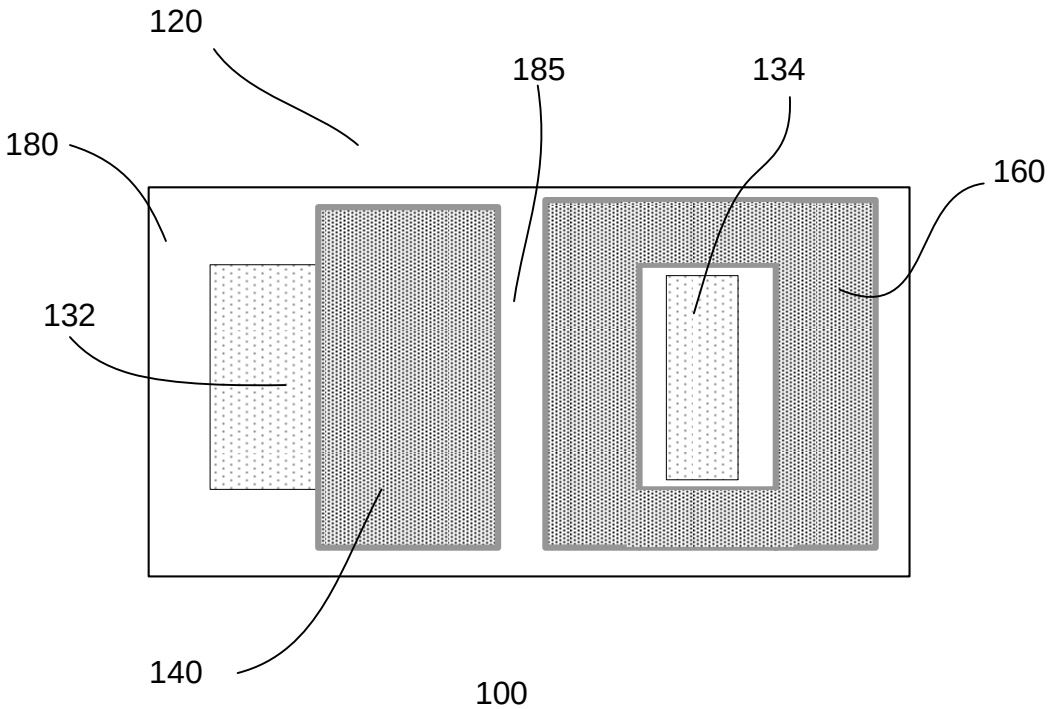


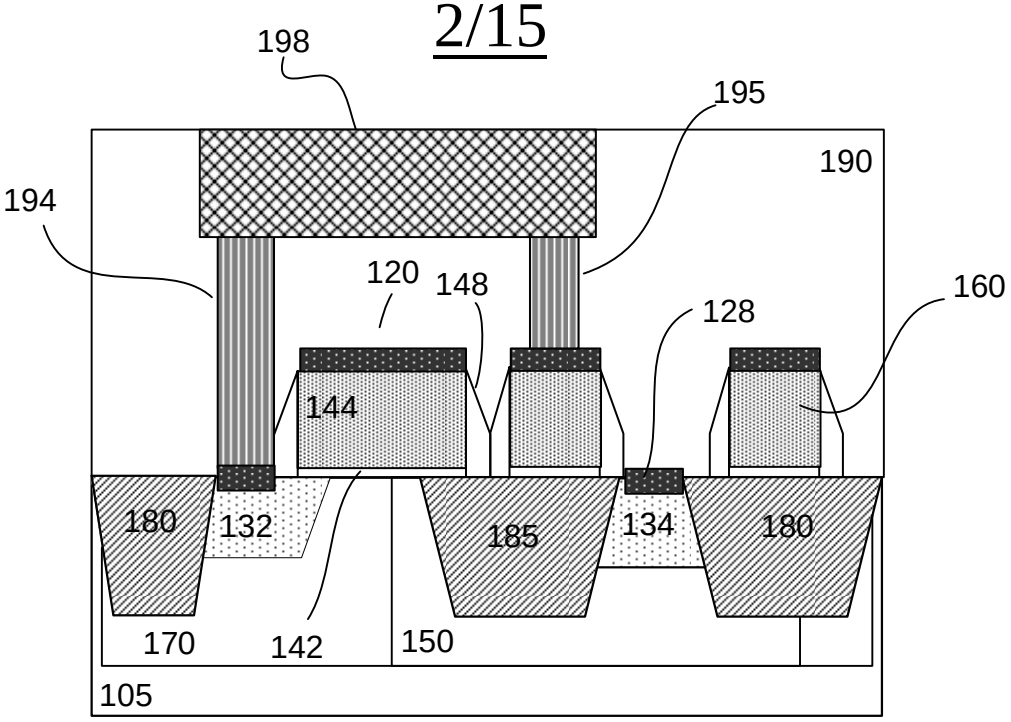
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Fig. 1a



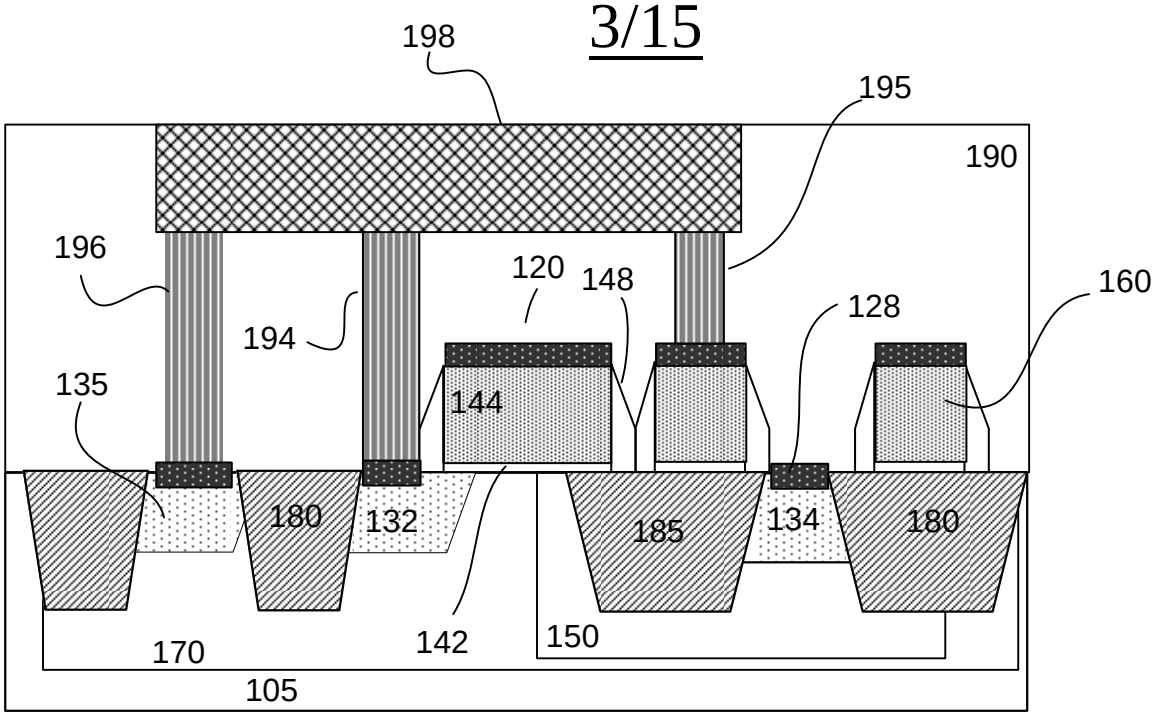
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Fig. 1b


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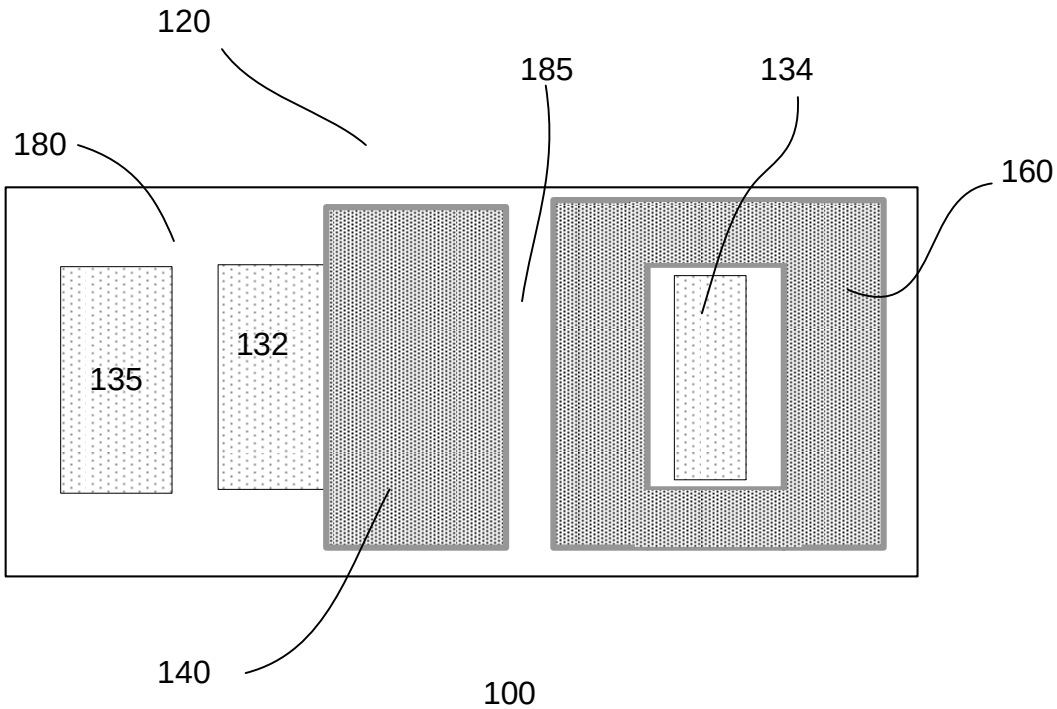
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Fig. 1c



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Fig. 2a



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Fig. 2b

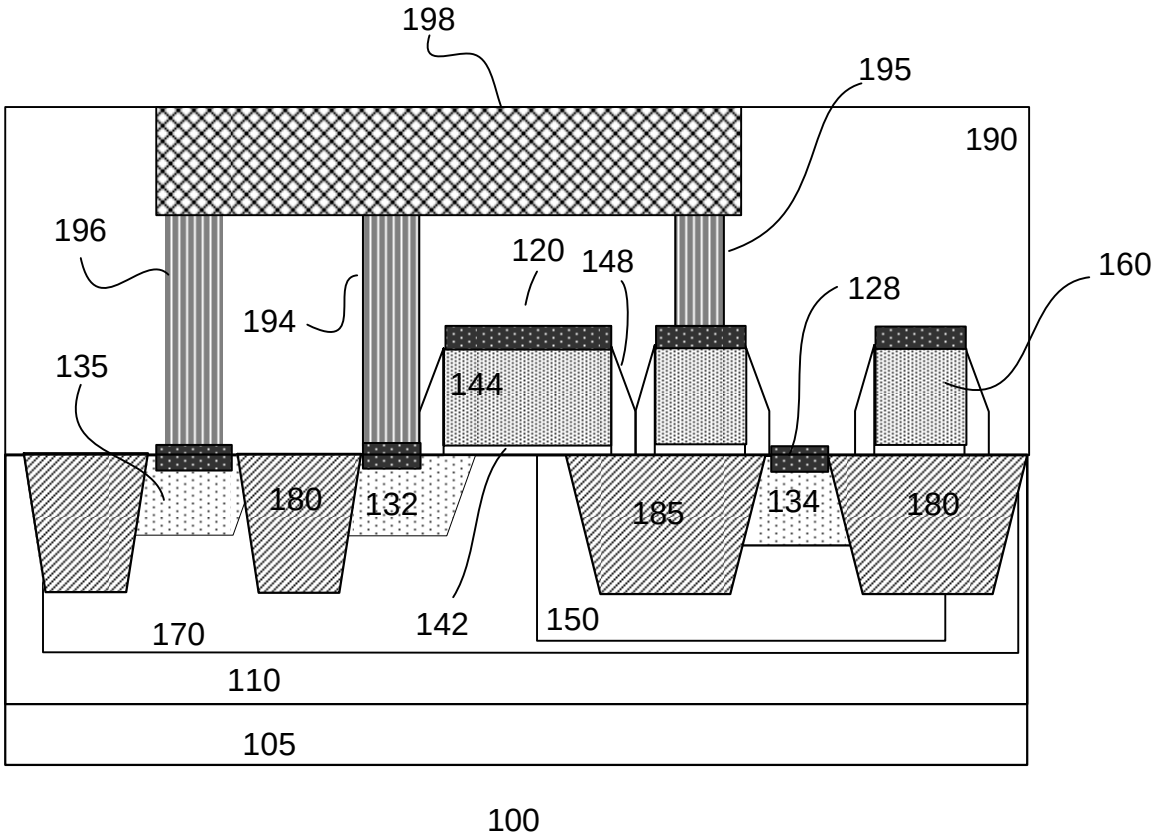

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Fig. 3a

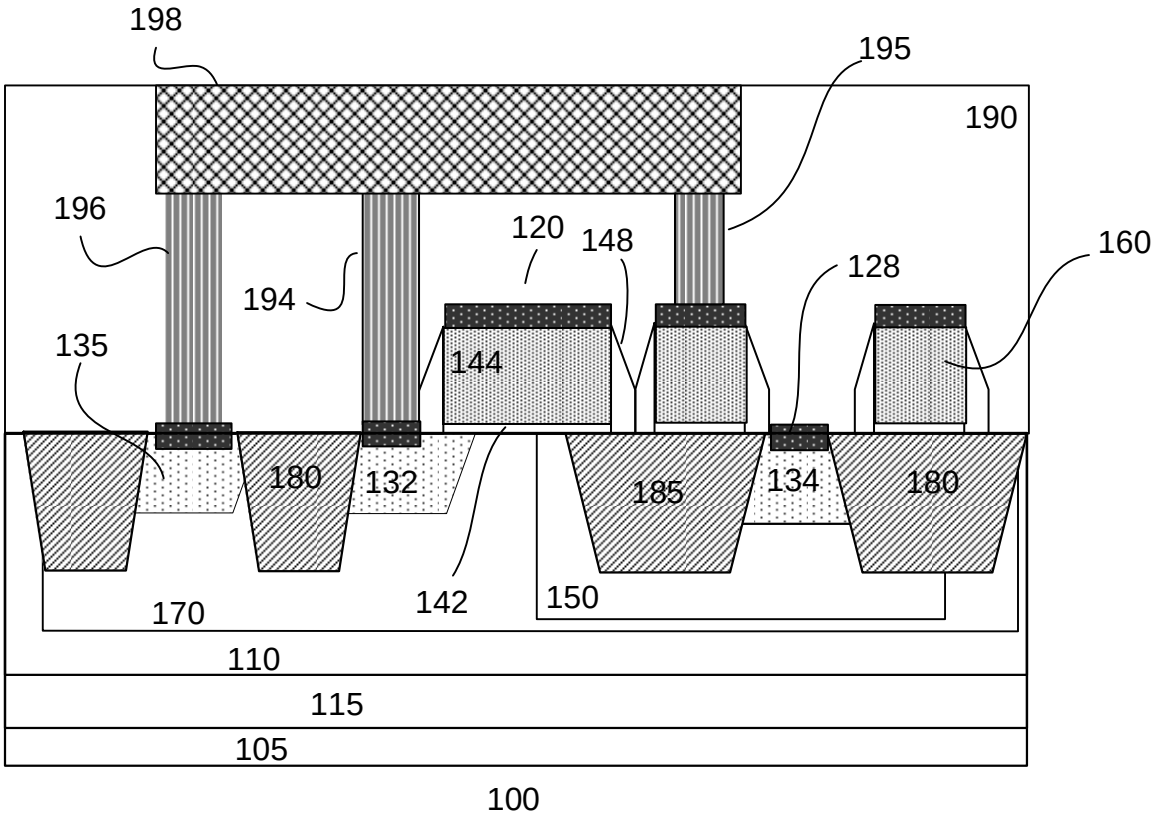

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Fig. 3b

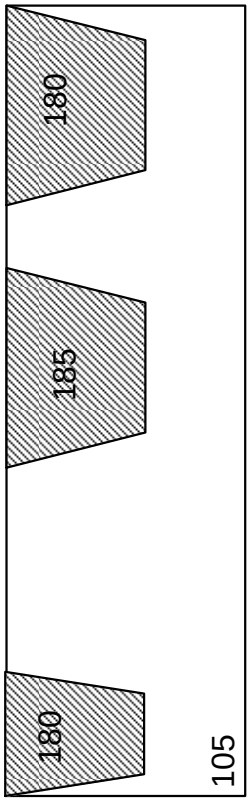


Fig. 4a

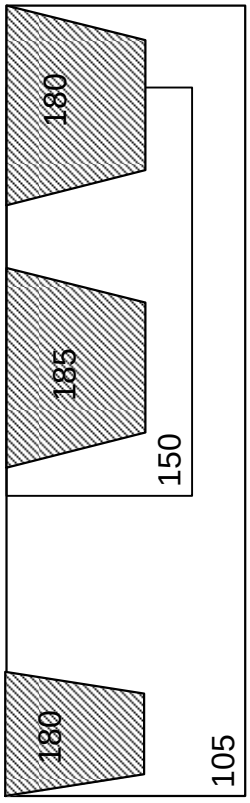
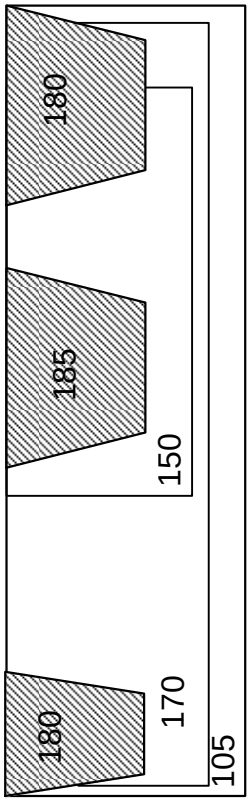


Fig. 4b



200

Fig. 4c

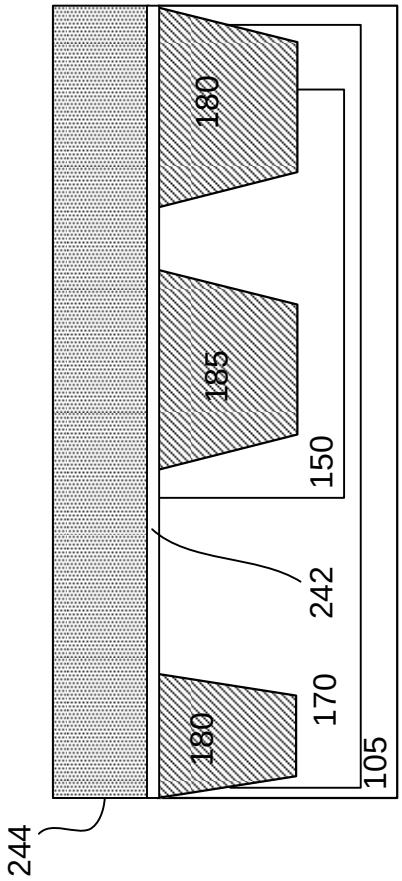


Fig. 4d

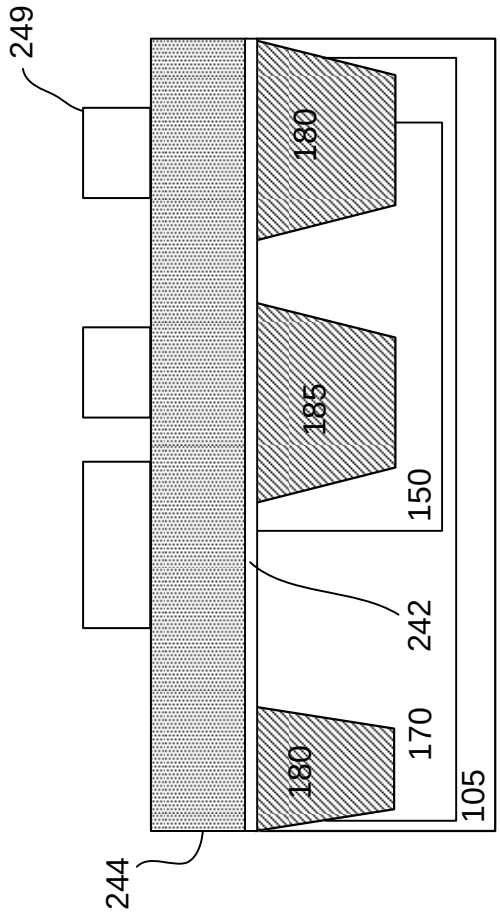


Fig. 4e

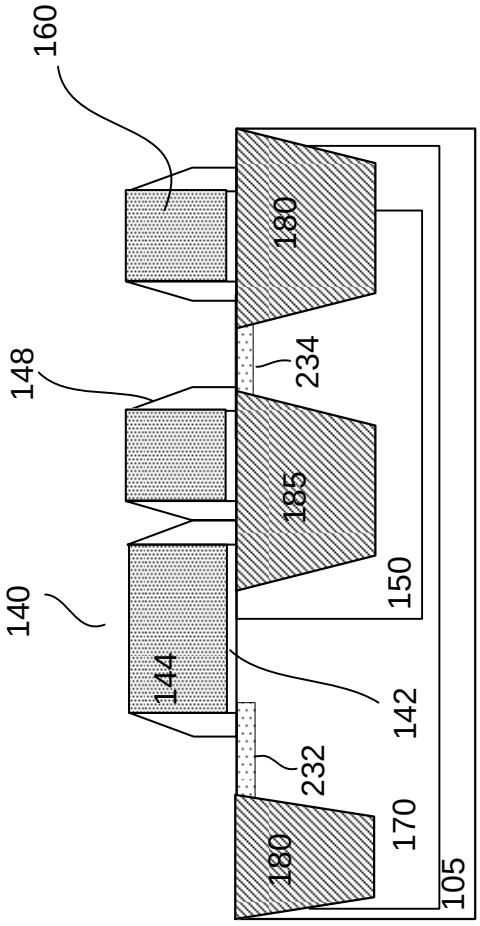


Fig. 4f

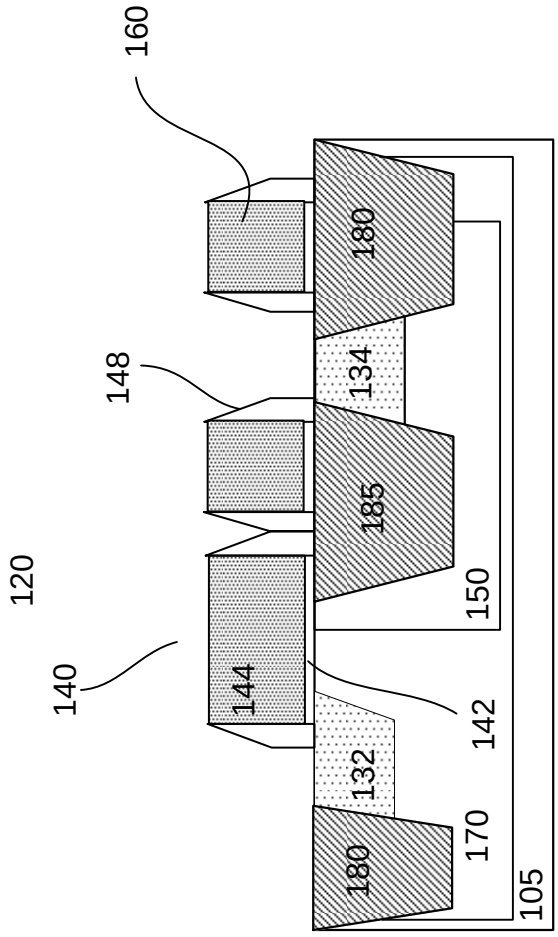


Fig. 4g

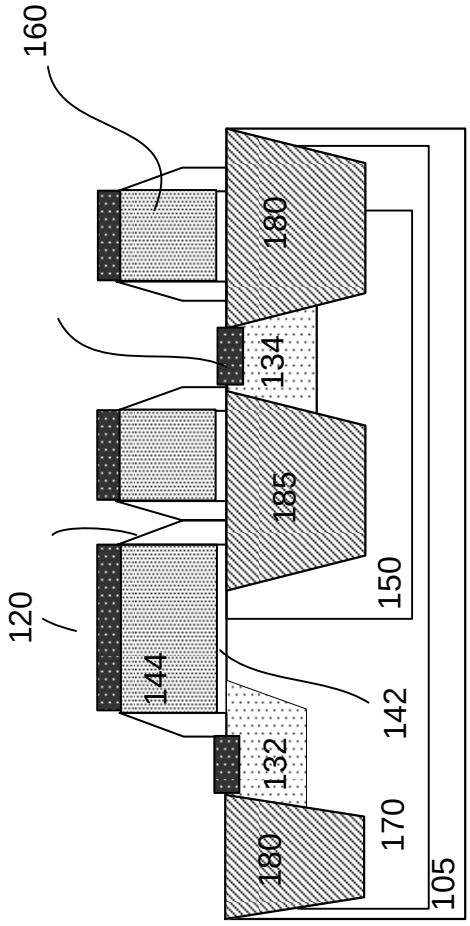


Fig. 4h

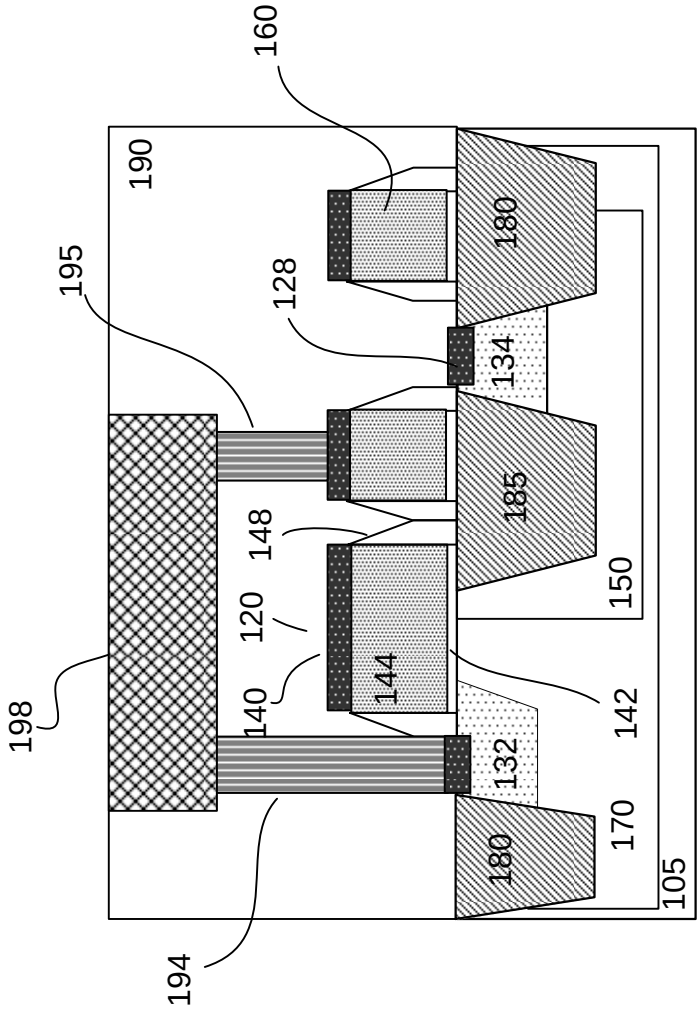

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Fig. 4i

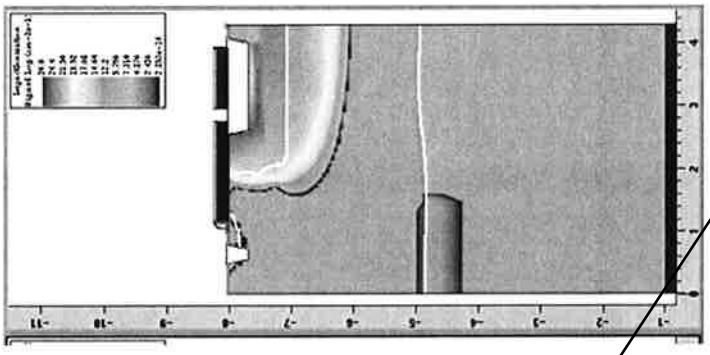


Fig. 5b

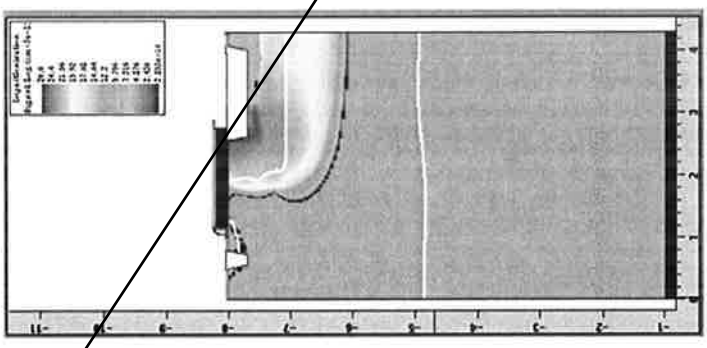


Fig. 5a

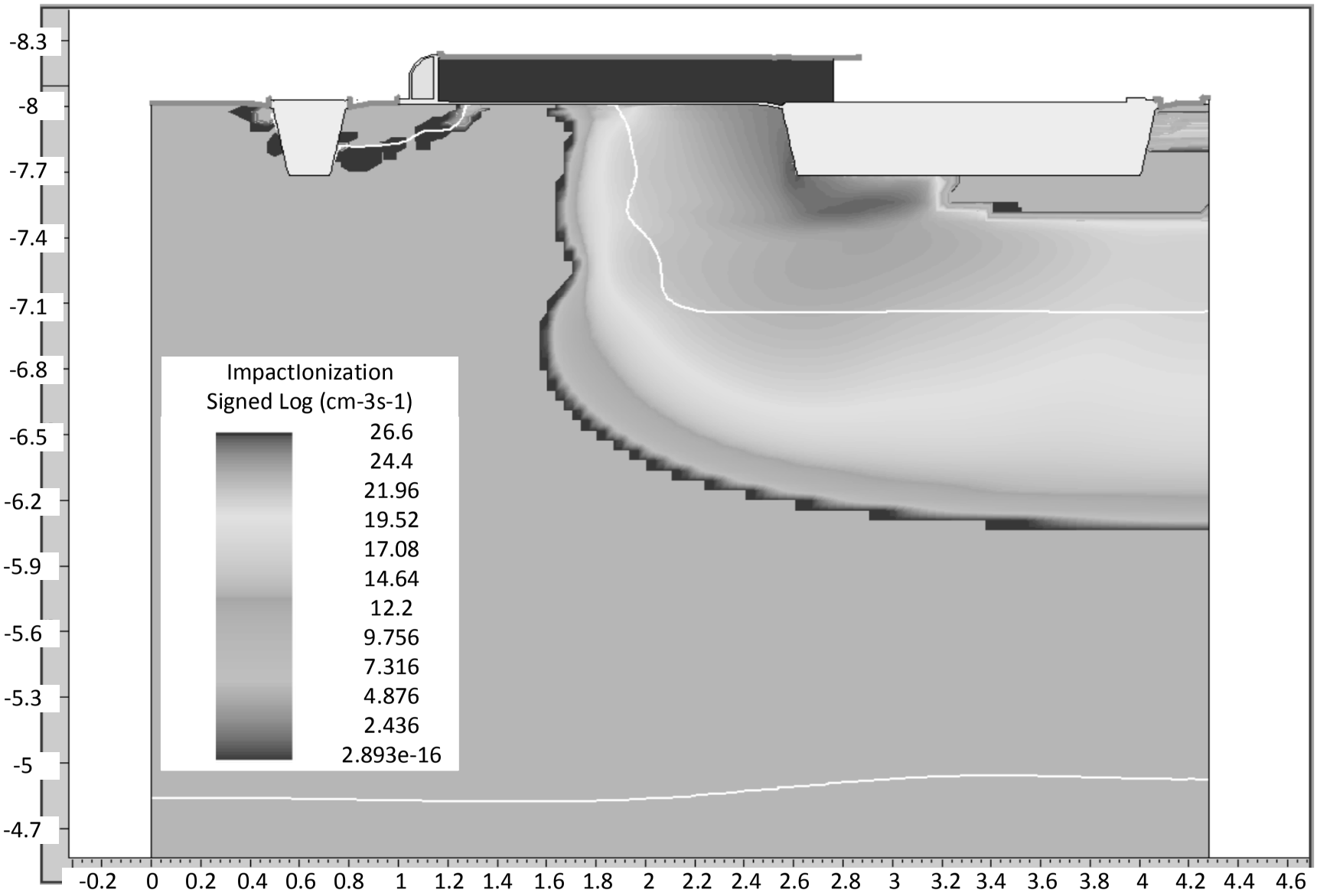

ImpactIonization
Signed Log (cm-3s-1)
26.6
24.4
21.96
19.52
17.08
14.64
12.2
9.756
7.316
4.876
2.436
2.893e-16
-8.3
-8
-7.7
-7.4
-7.1
-6.8
-6.5
-6.2
-5.9
-5.6
-5.3
-5
-4.7
-0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2
3.4
3.6
3.8
4
4.2
4.4
4.6

Fig. 5a

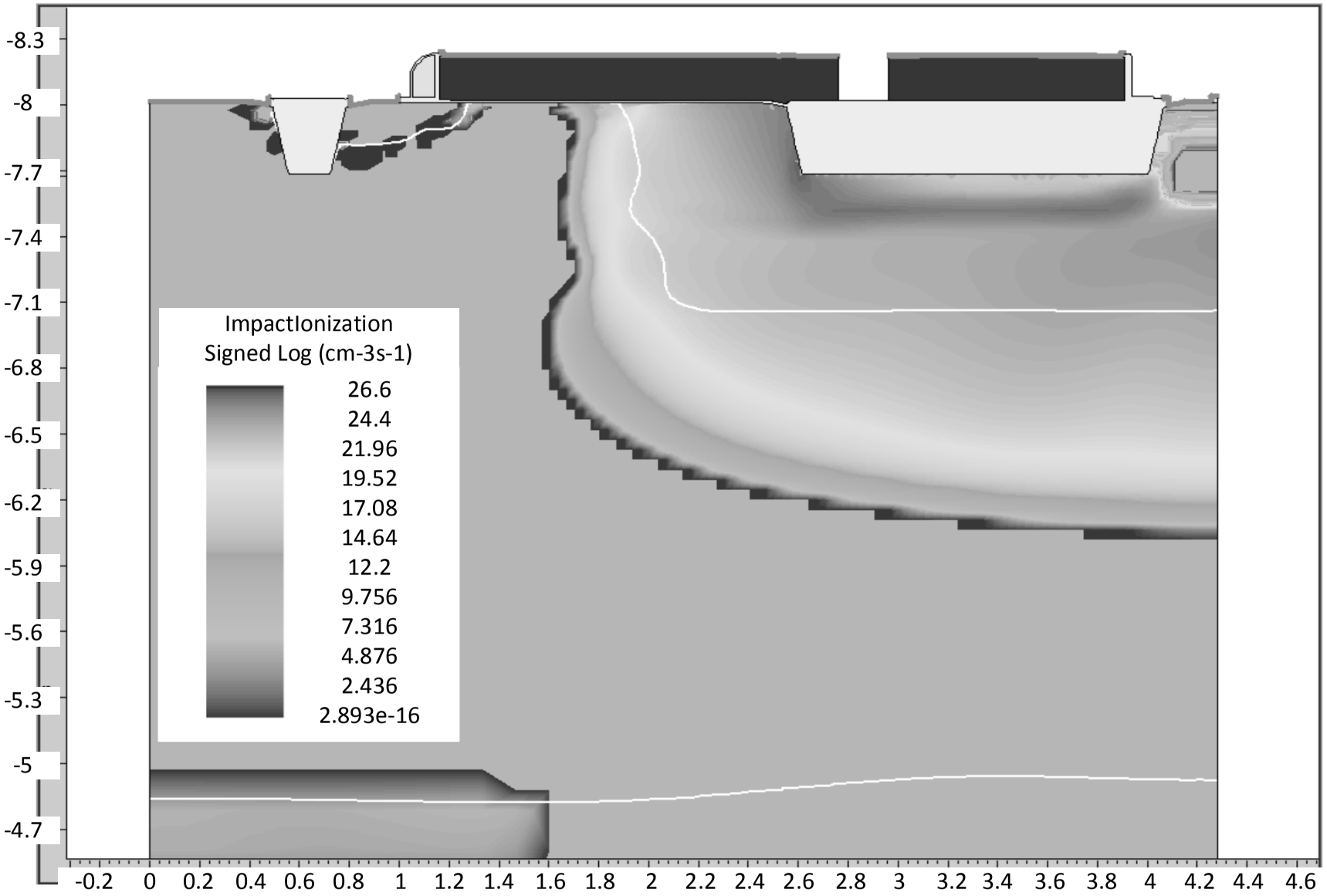

ImpactIonization
Signed Log (cm-3s-1)
26.6
24.4
21.96
19.52
17.08
14.64
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9.756
7.316
4.876
2.436
2.893e-16
-8.3
-8
-7.7
-7.4
-7.1
-6.8
-6.5
-6.2
-5.9
-5.6
-5.3
-5
-4.7
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0.2
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0.6
0.8
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3
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3.4
3.6
3.8
4
4.2
4.4
4.6

Fig. 5b