

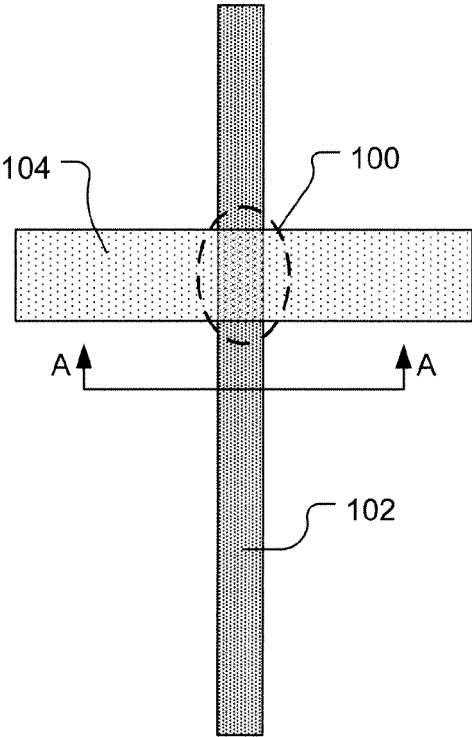
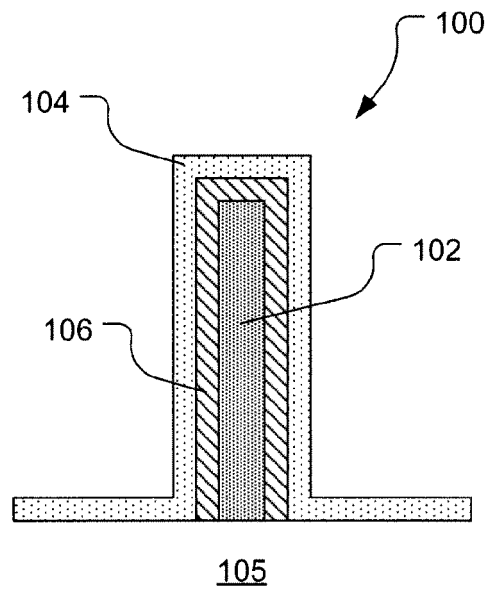


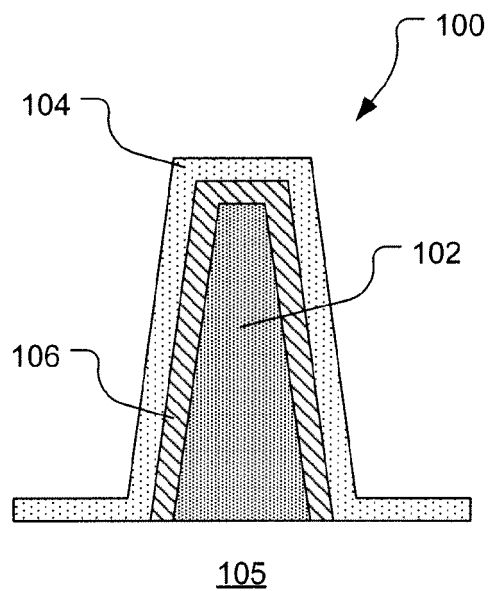
Fig. 1A

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View A-A

Fig. 1B



View A-A

Fig. 1C

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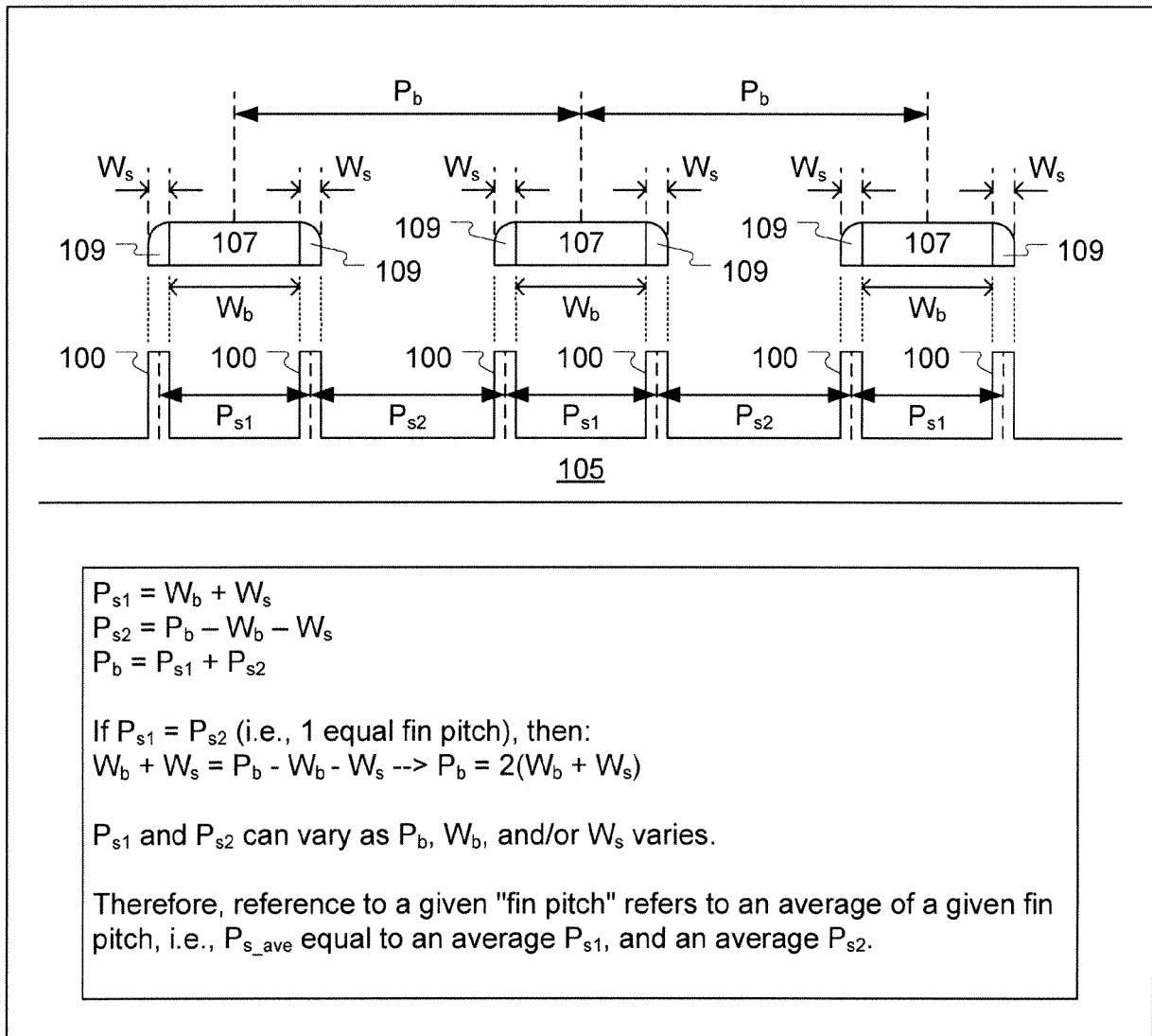


Fig. 1D

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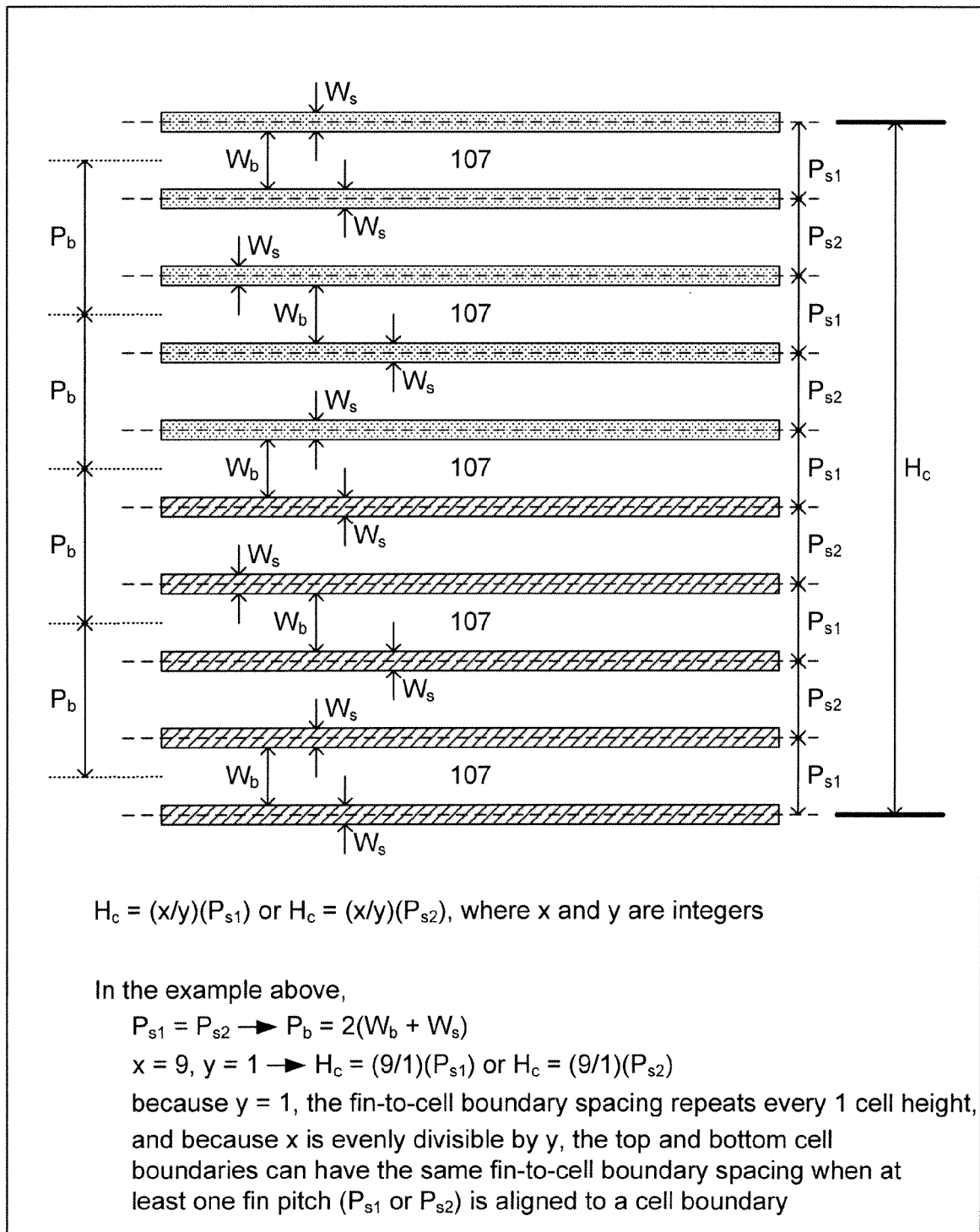


Fig. 1E

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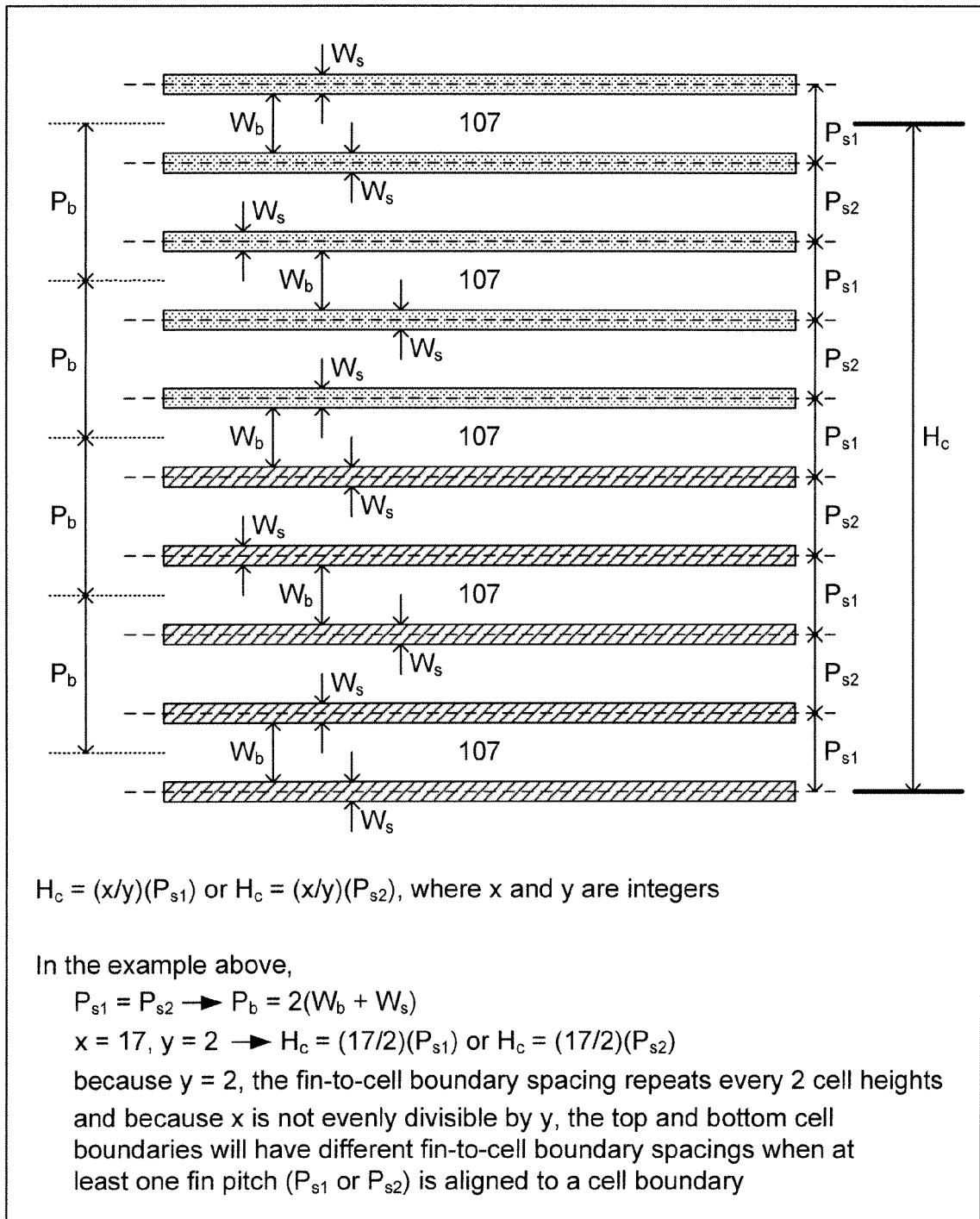


Fig. 1F

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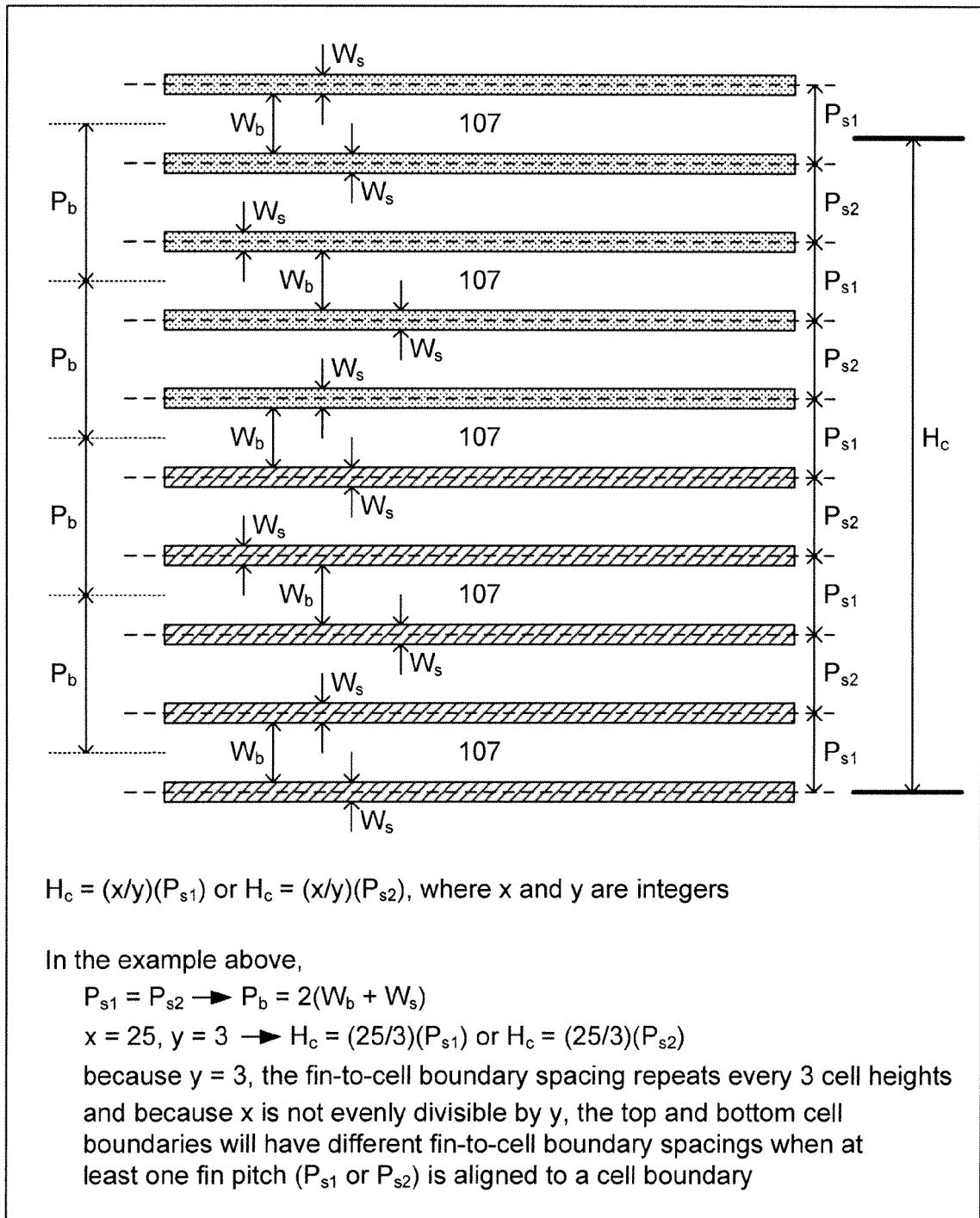


Fig. 1G

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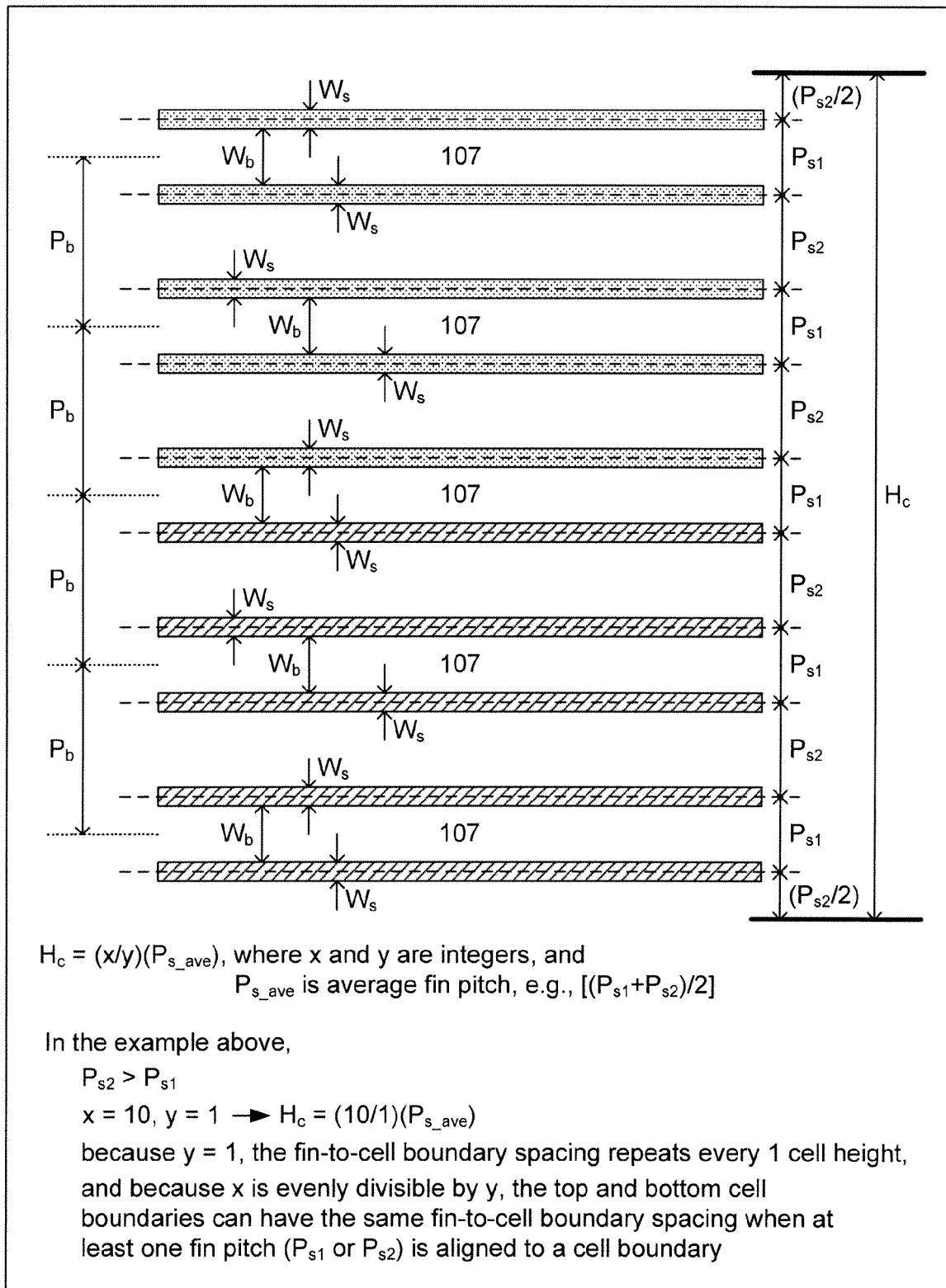


Fig. 1H

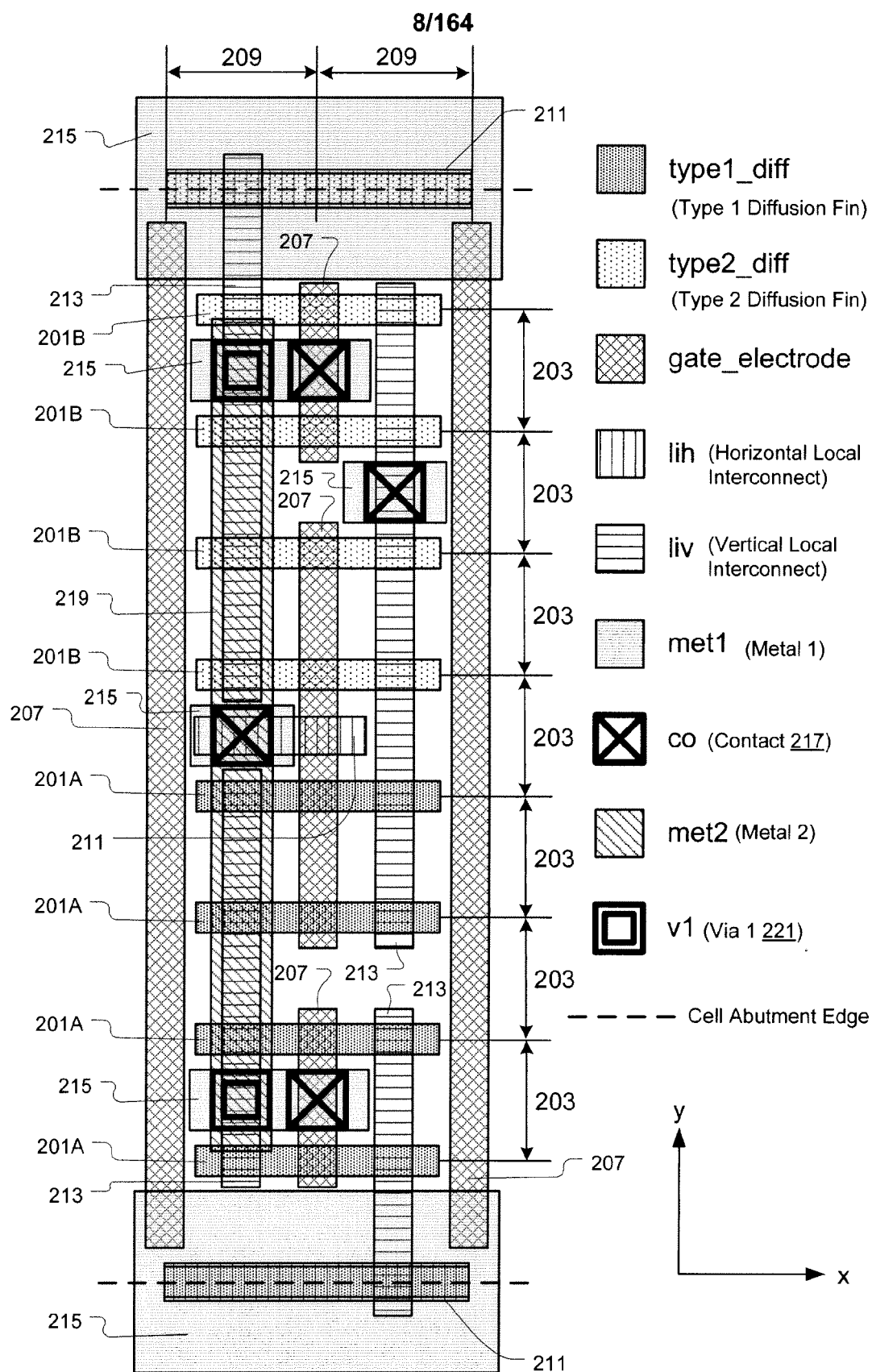
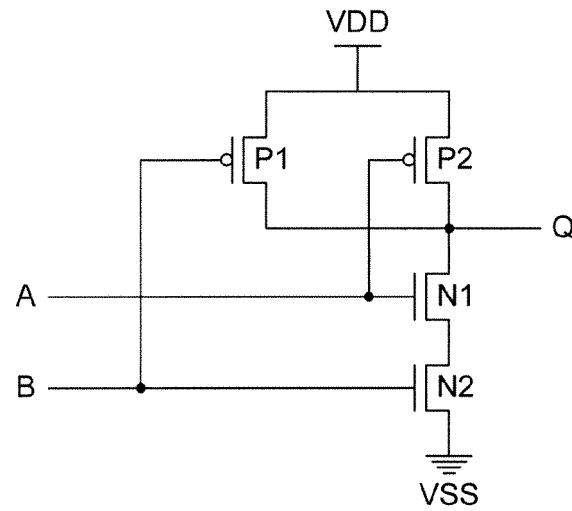


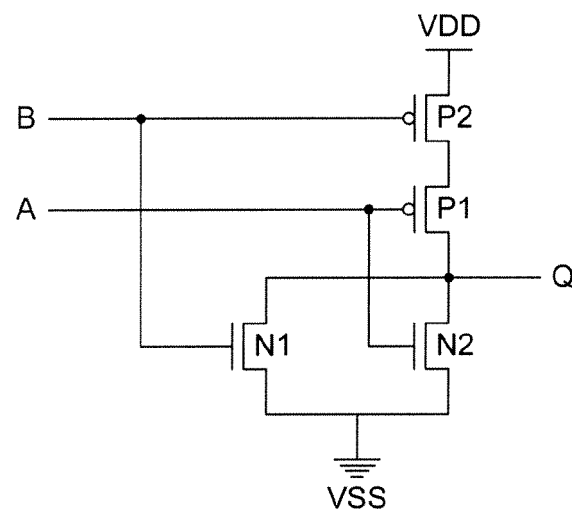
Fig. 2A

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(NAND Circuit)

Fig. 2B



(NOR Circuit)

Fig. 2C

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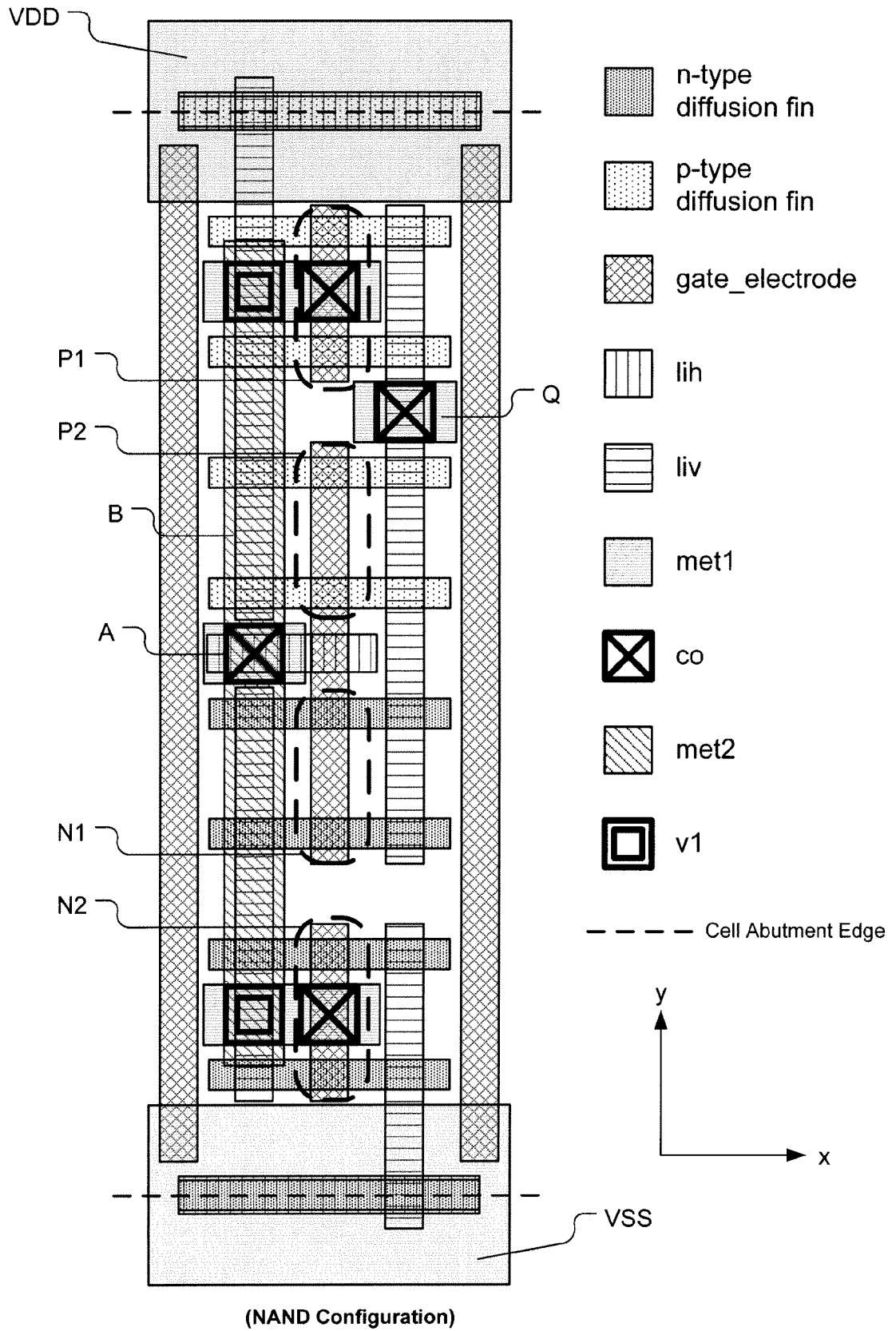
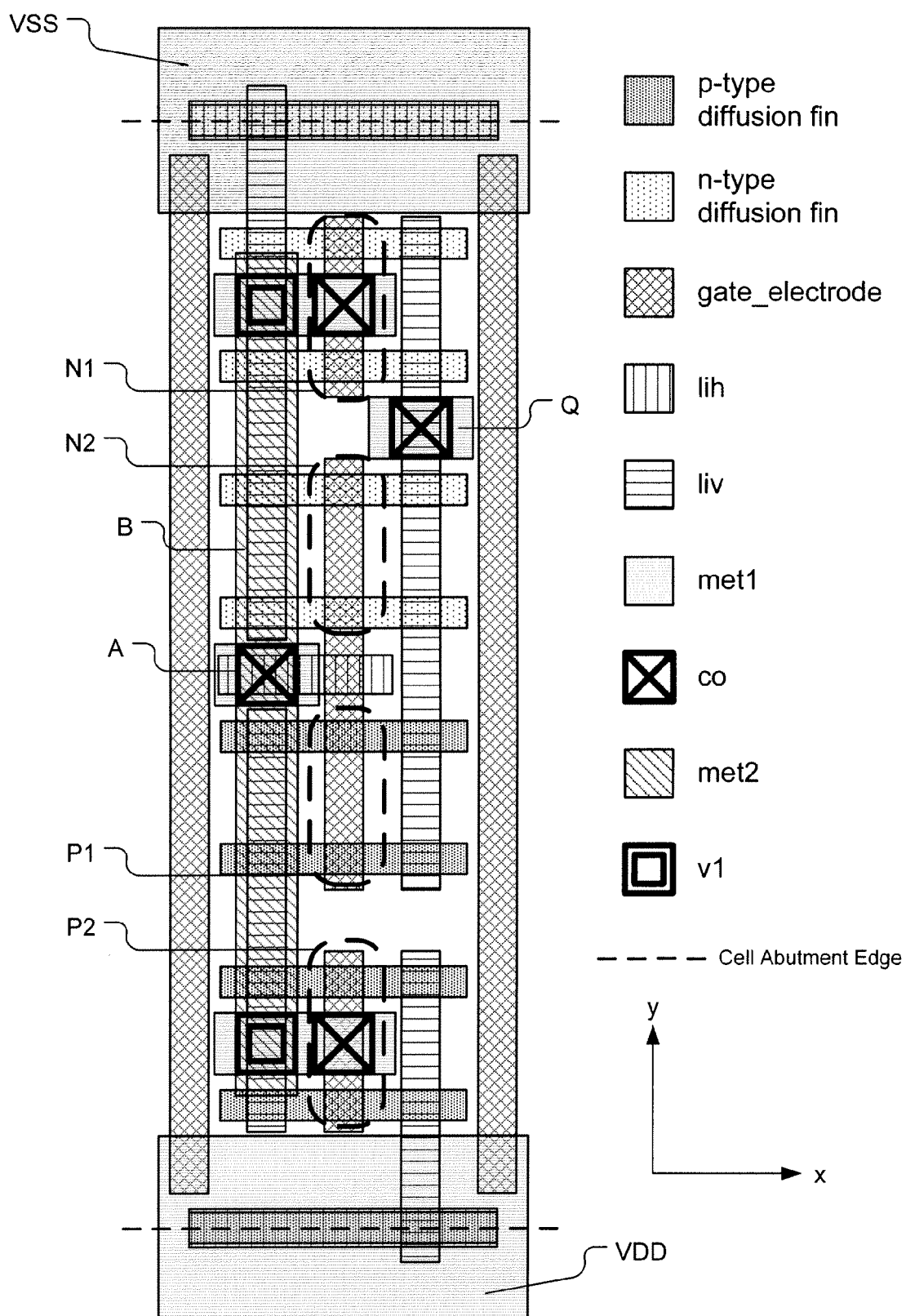


Fig. 2D

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(NOR Configuration)

Fig. 2E

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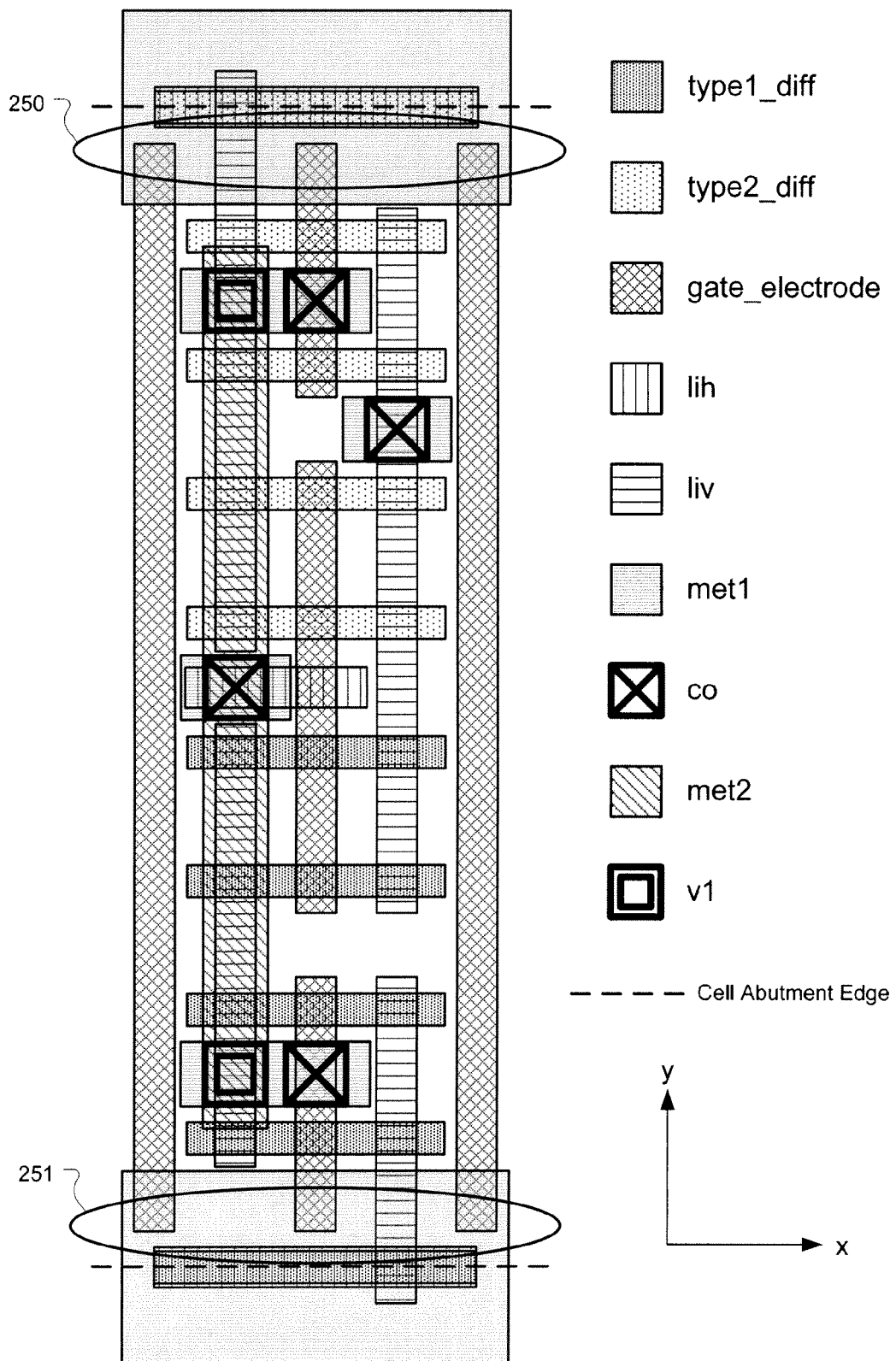


Fig. 2F

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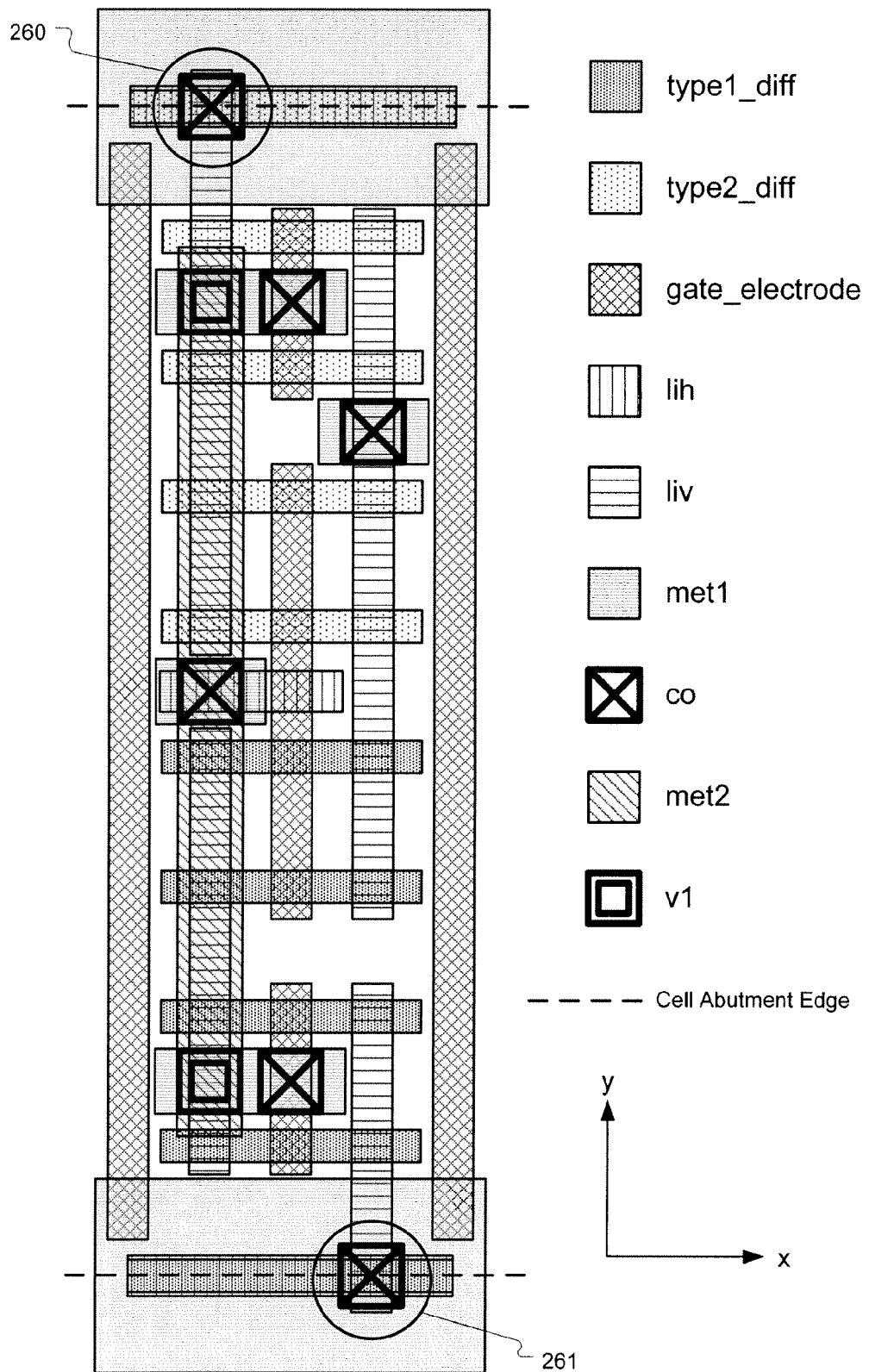


Fig. 2G

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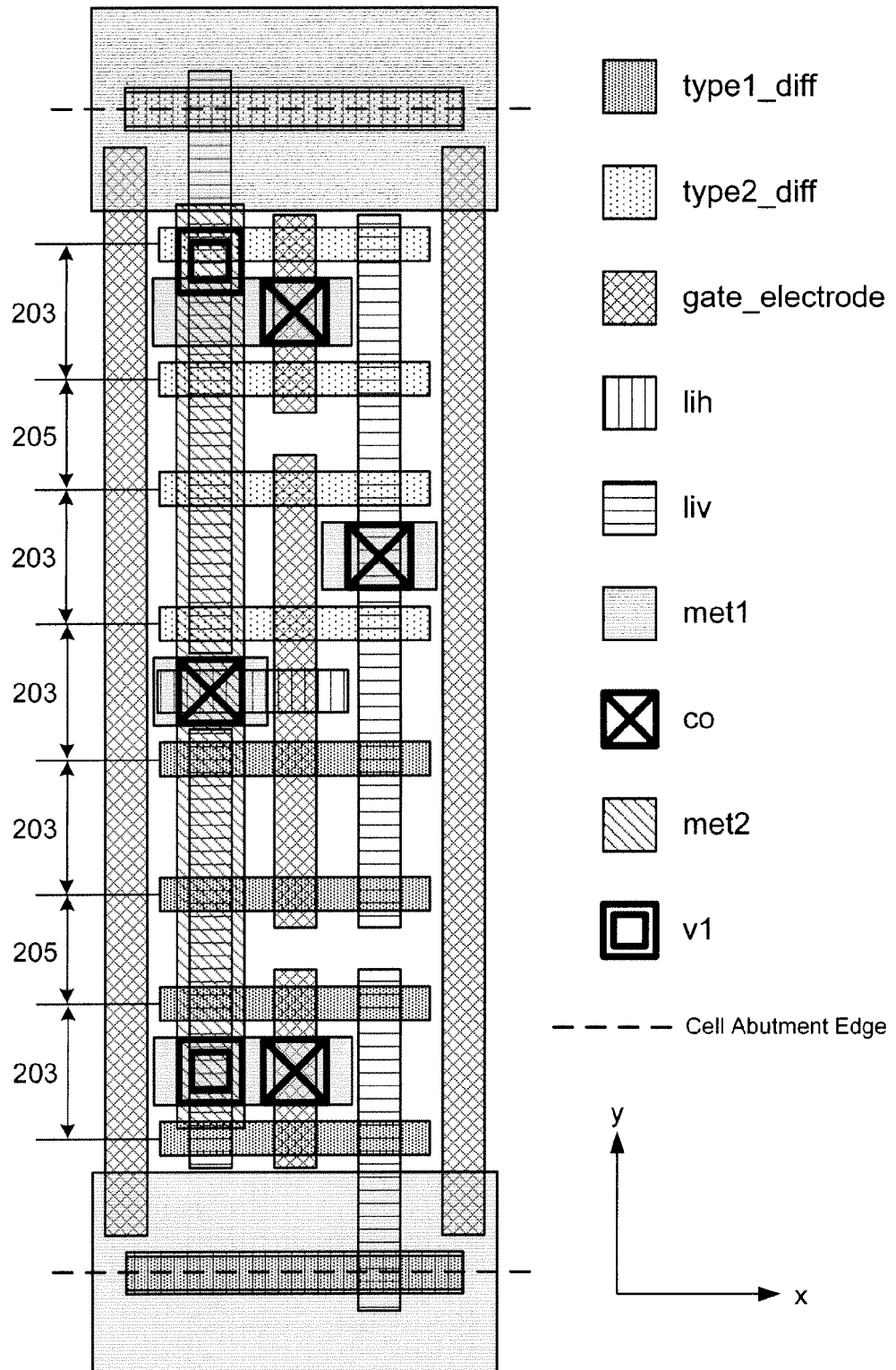


Fig. 2H

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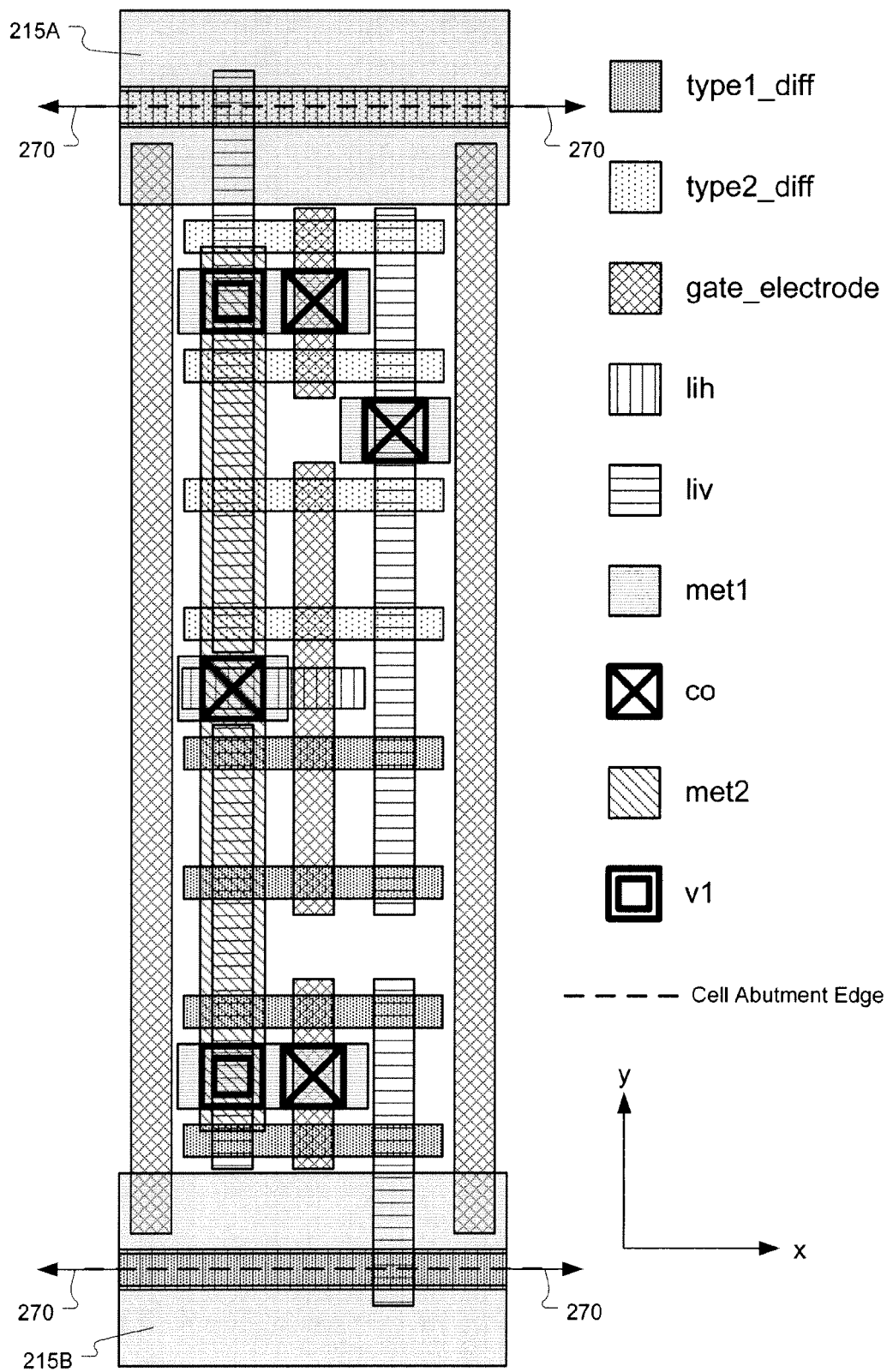


Fig. 21

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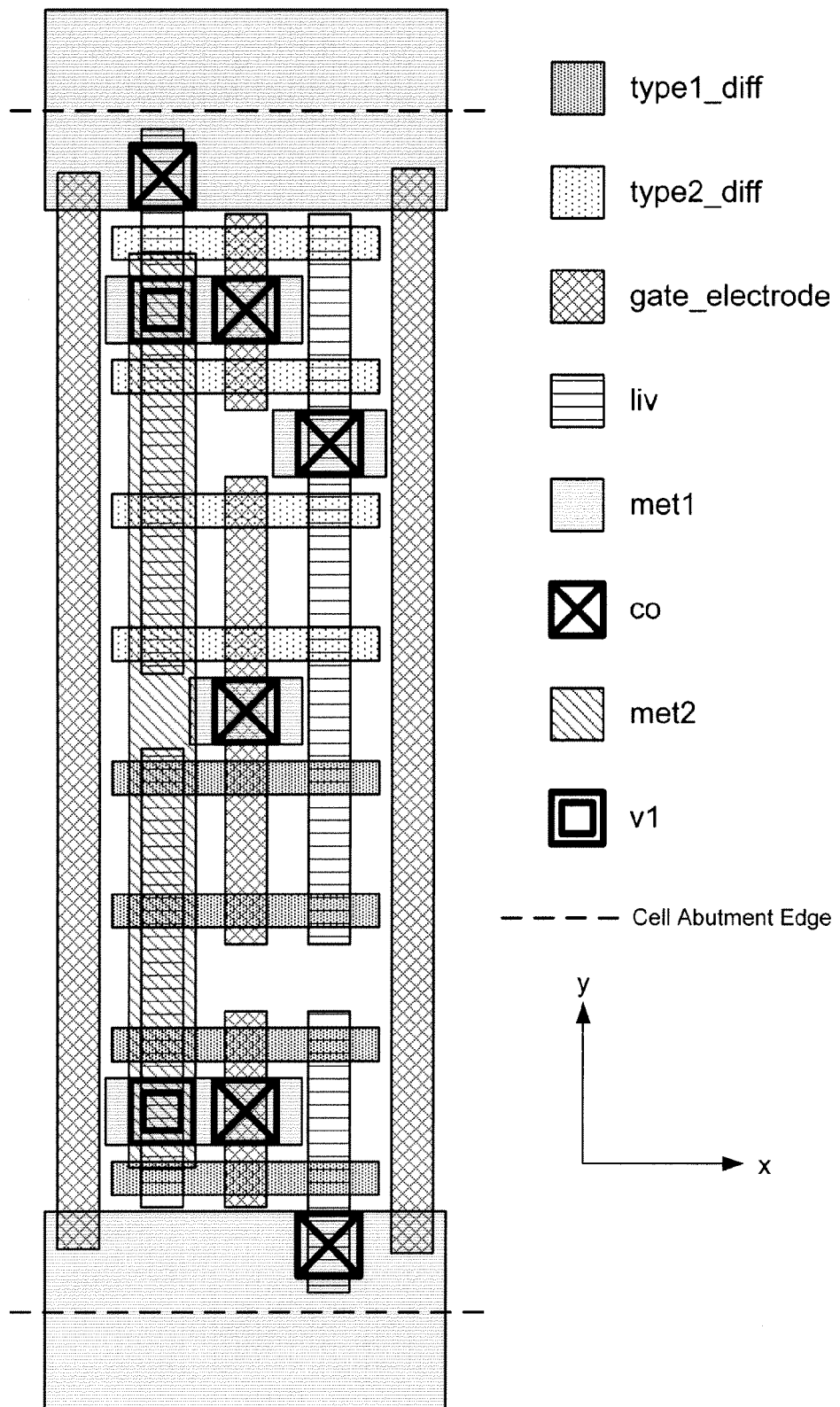


Fig. 3

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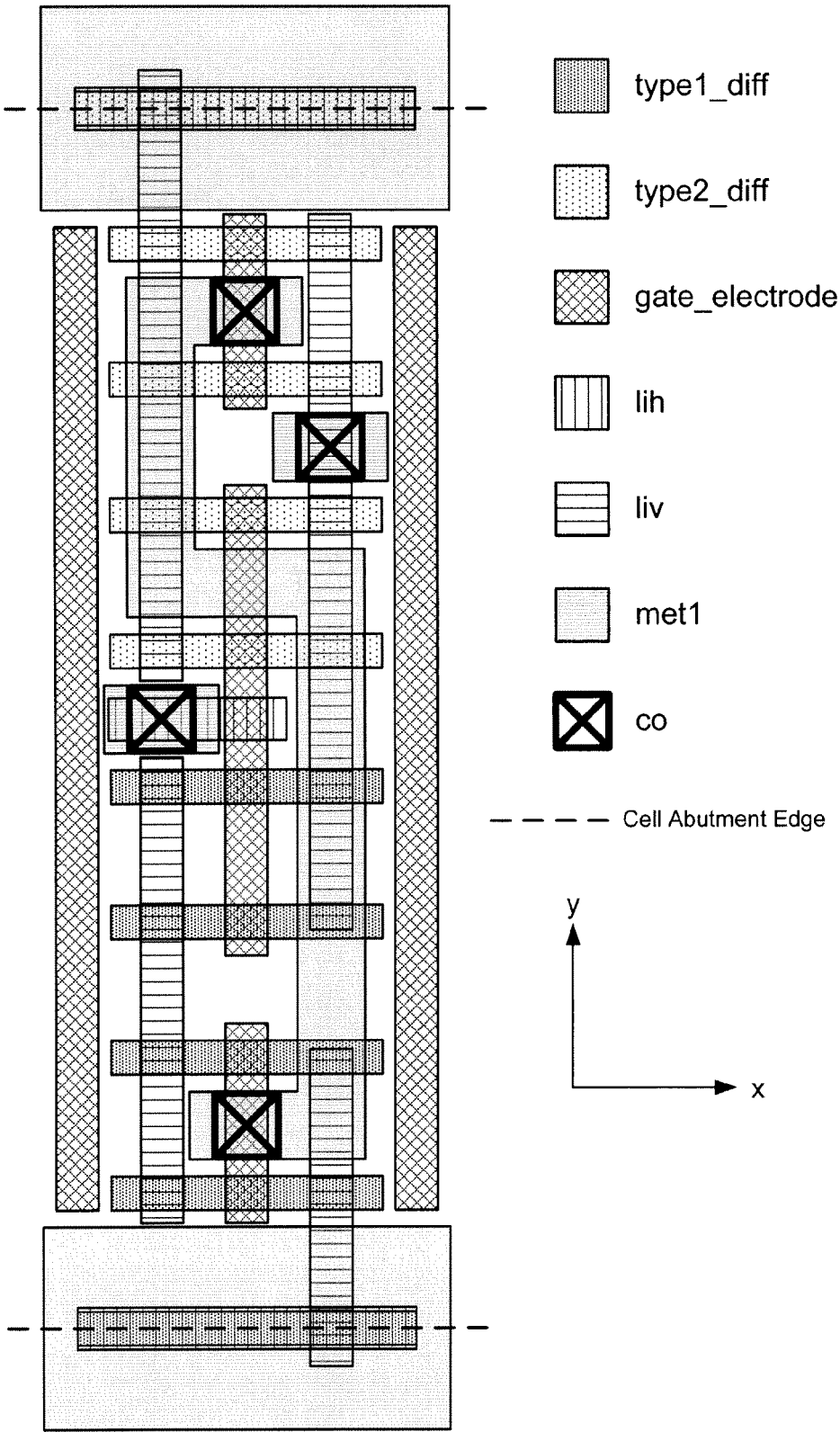


Fig. 4

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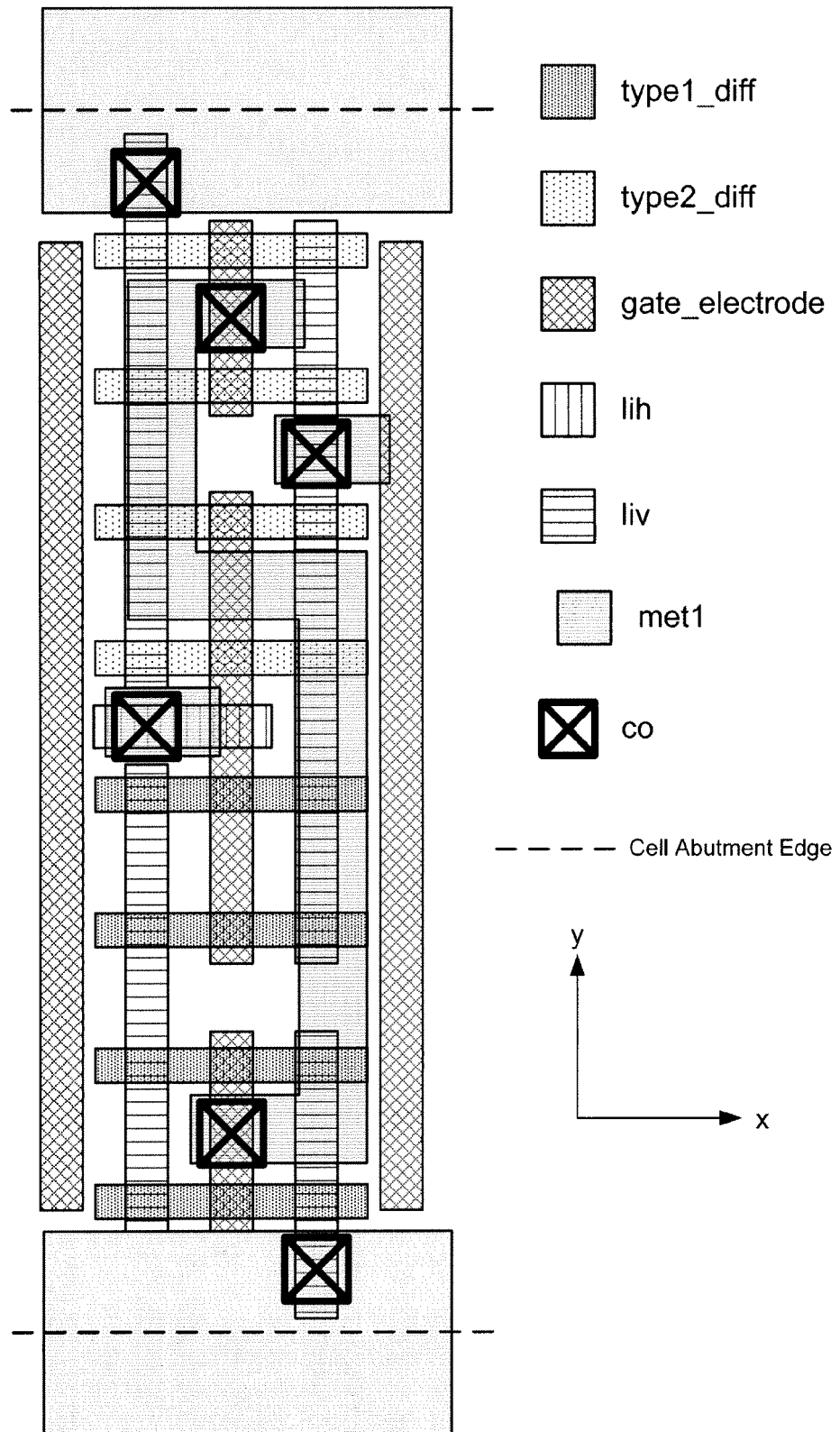


Fig. 5

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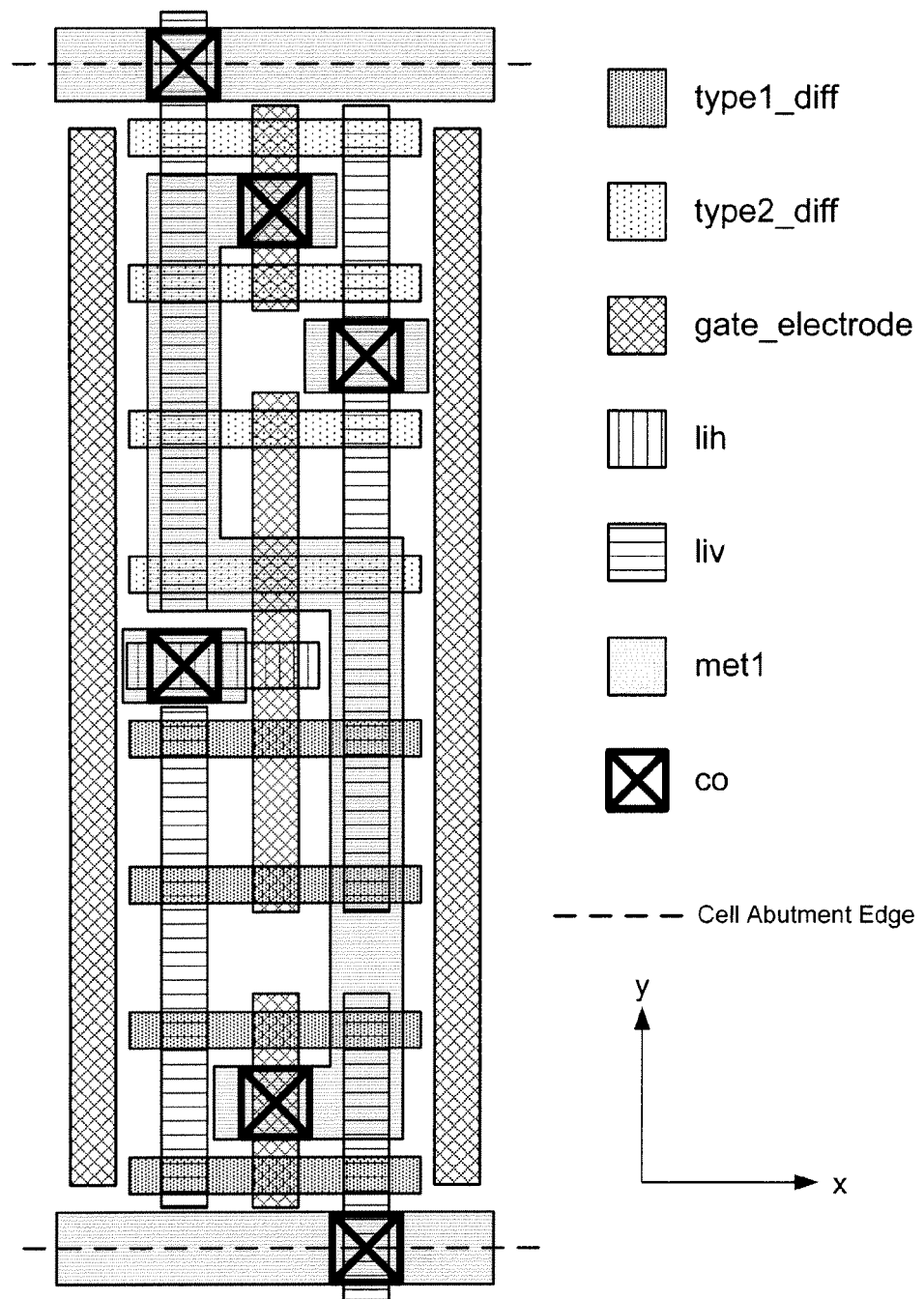


Fig. 6

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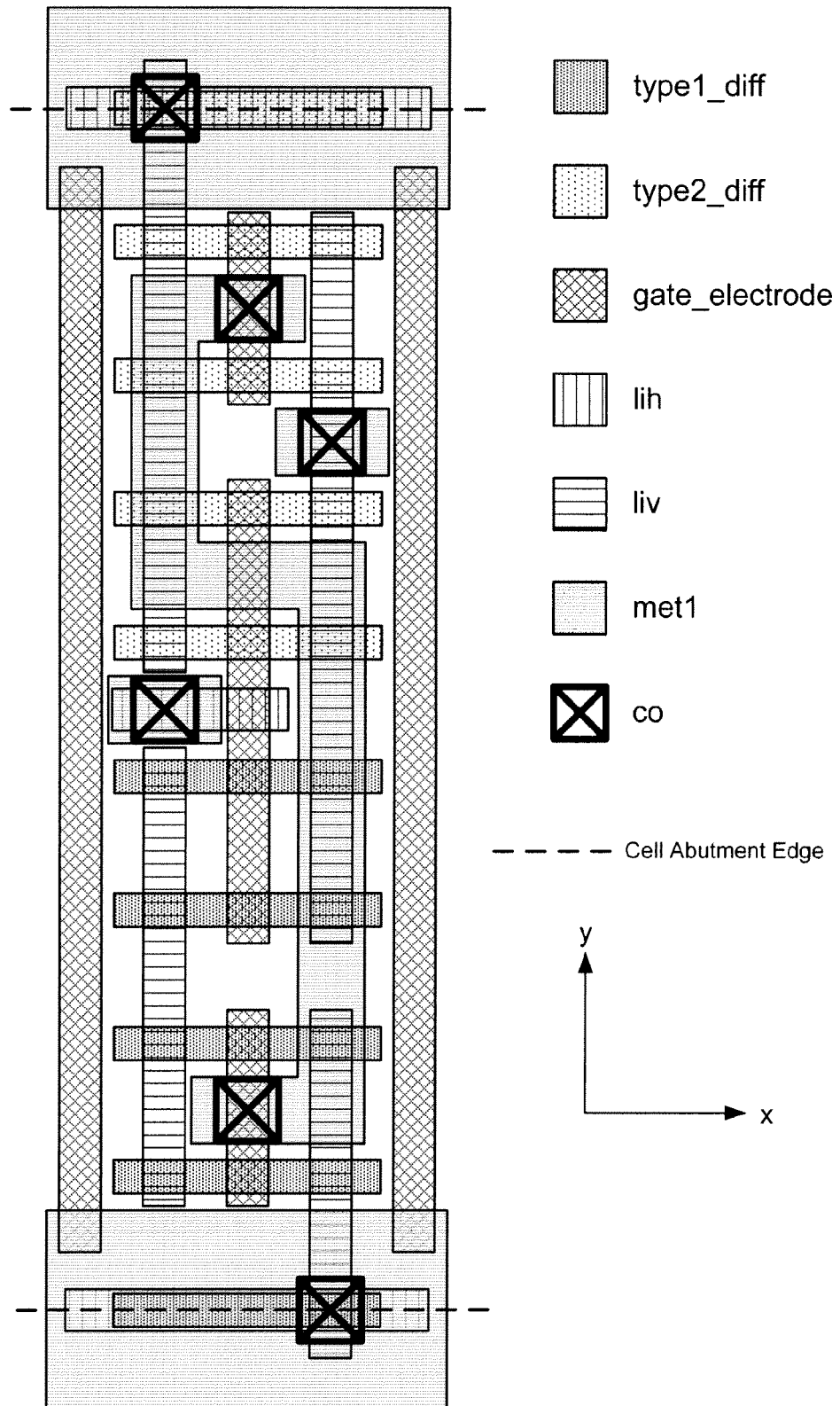


Fig. 7

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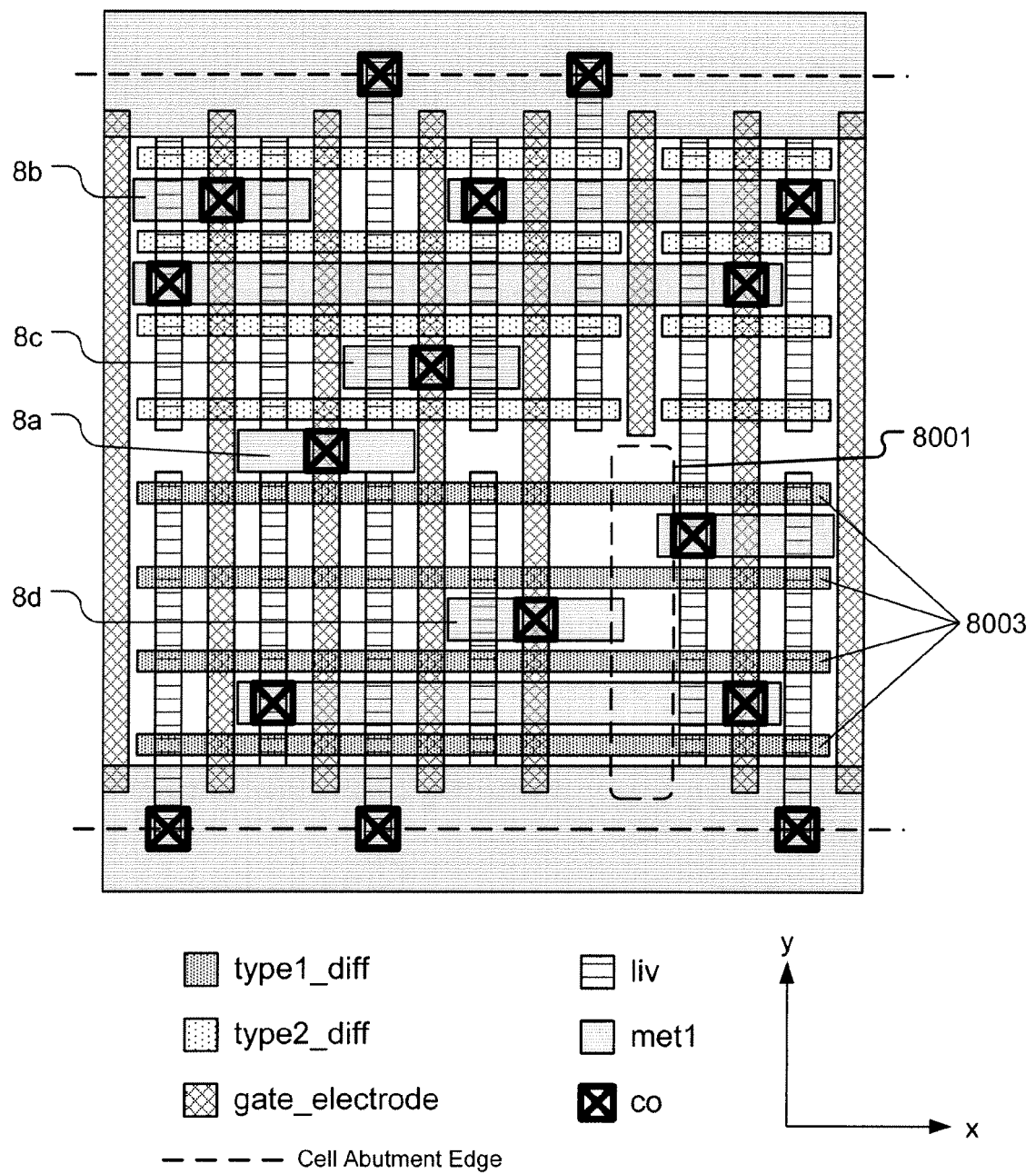


Fig. 8A

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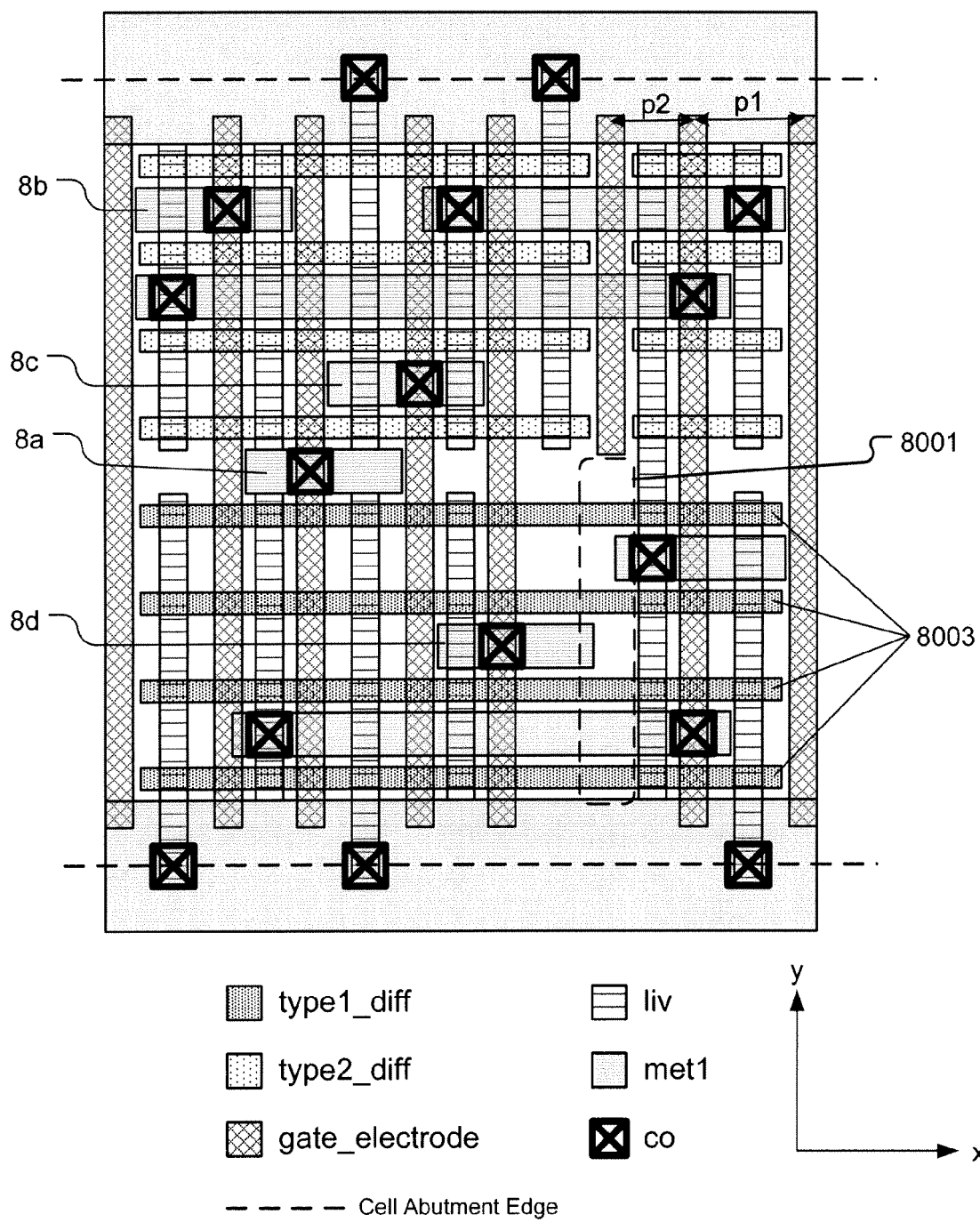


Fig. 8B

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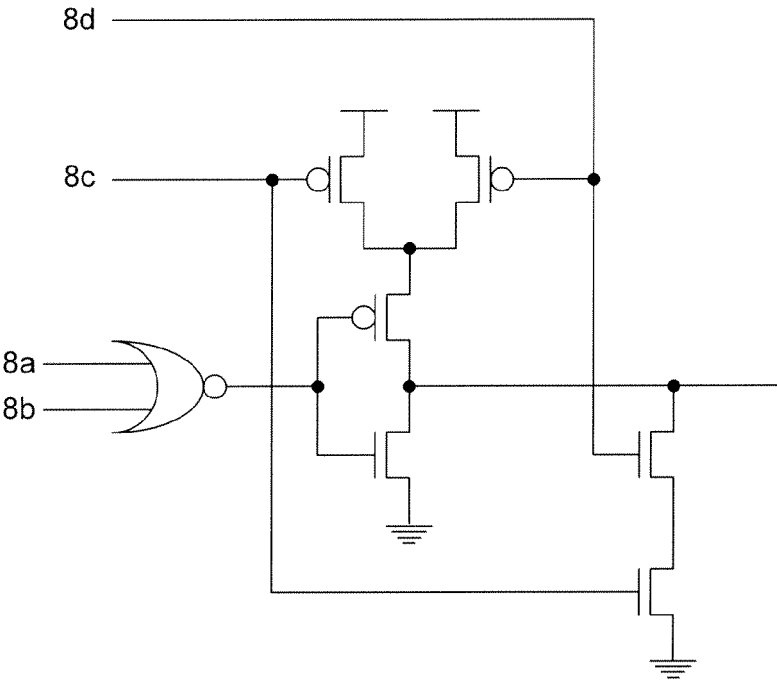
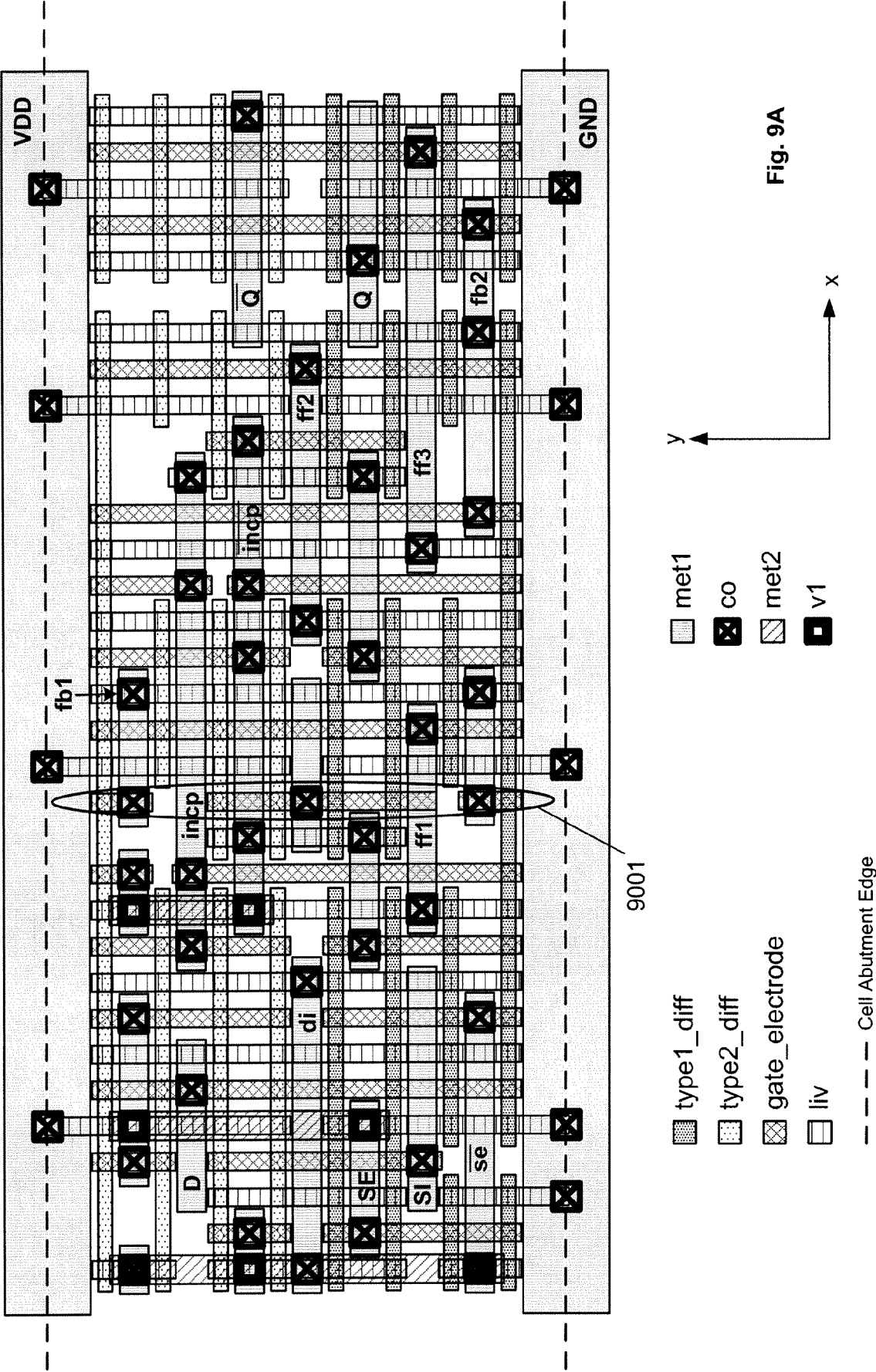
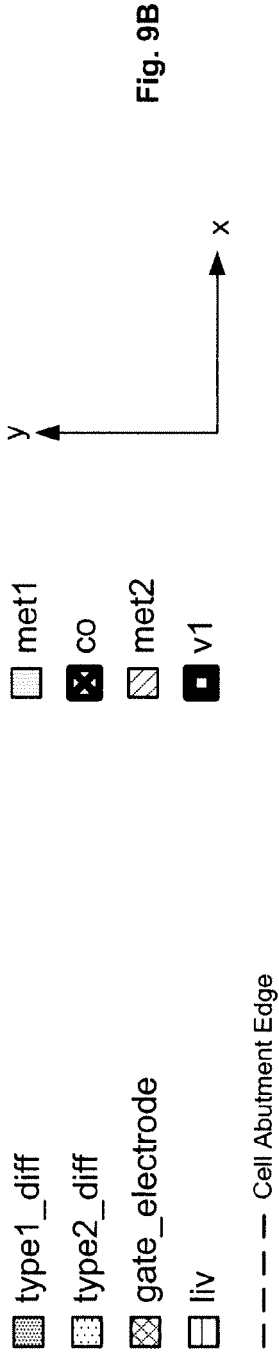
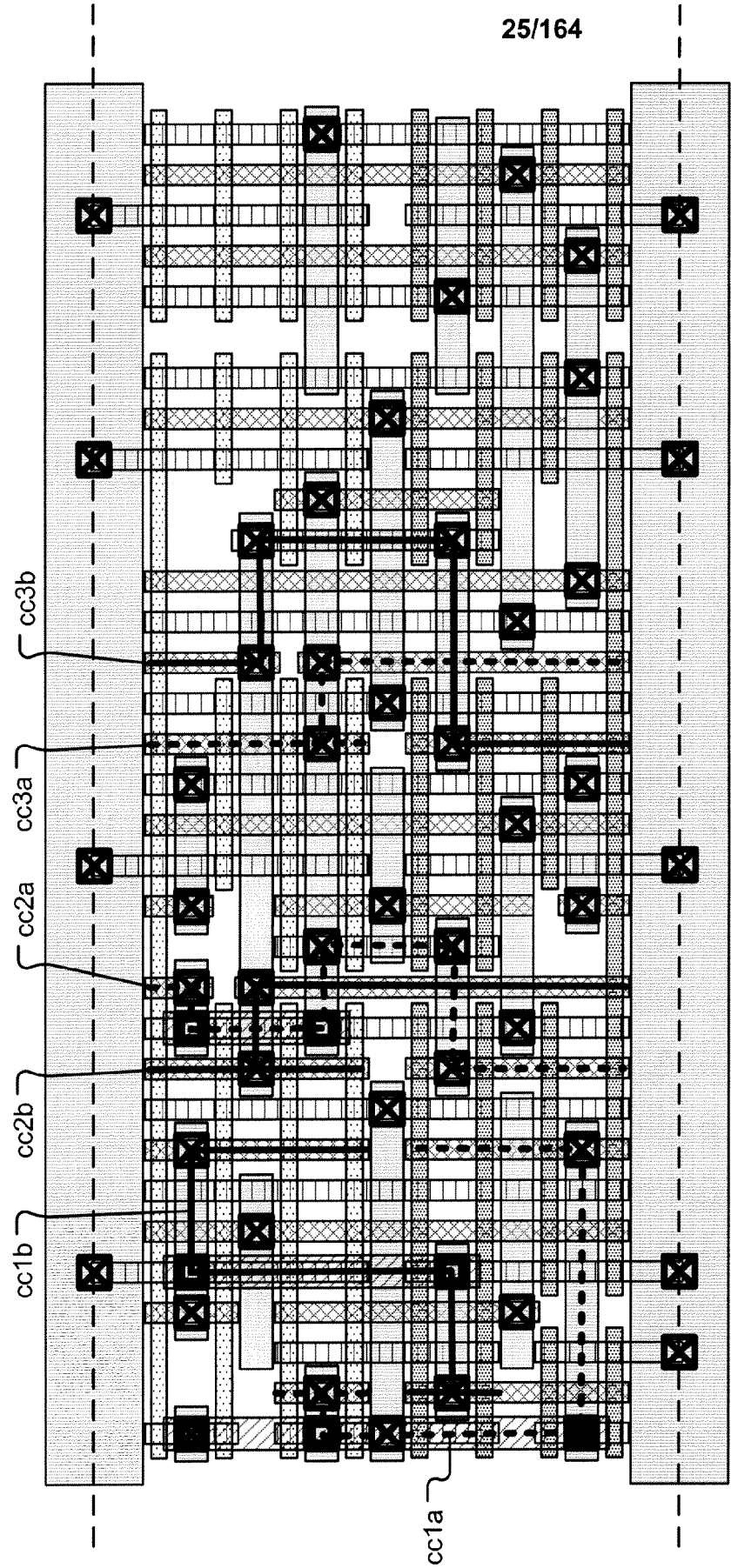


Fig. 8C





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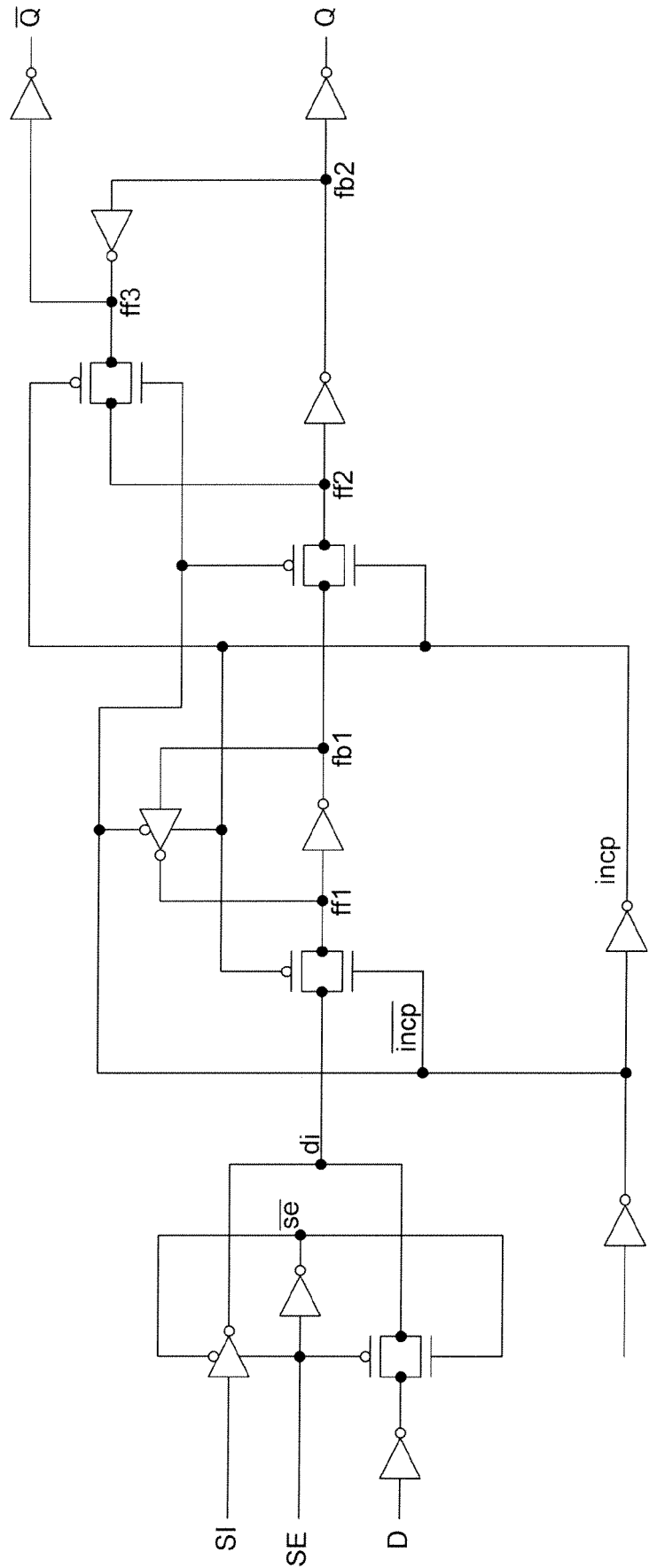


Fig. 9C

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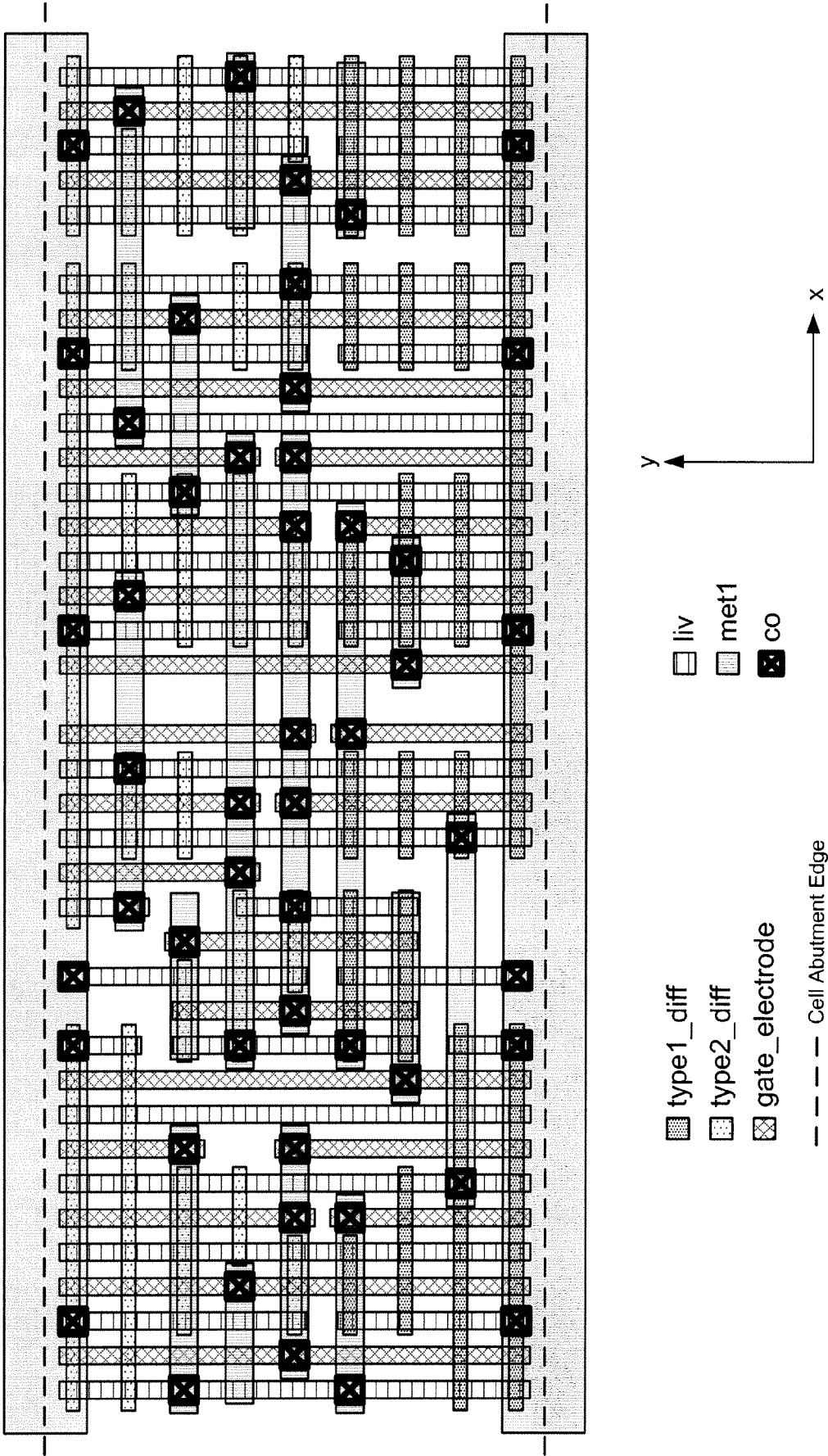


Fig. 10

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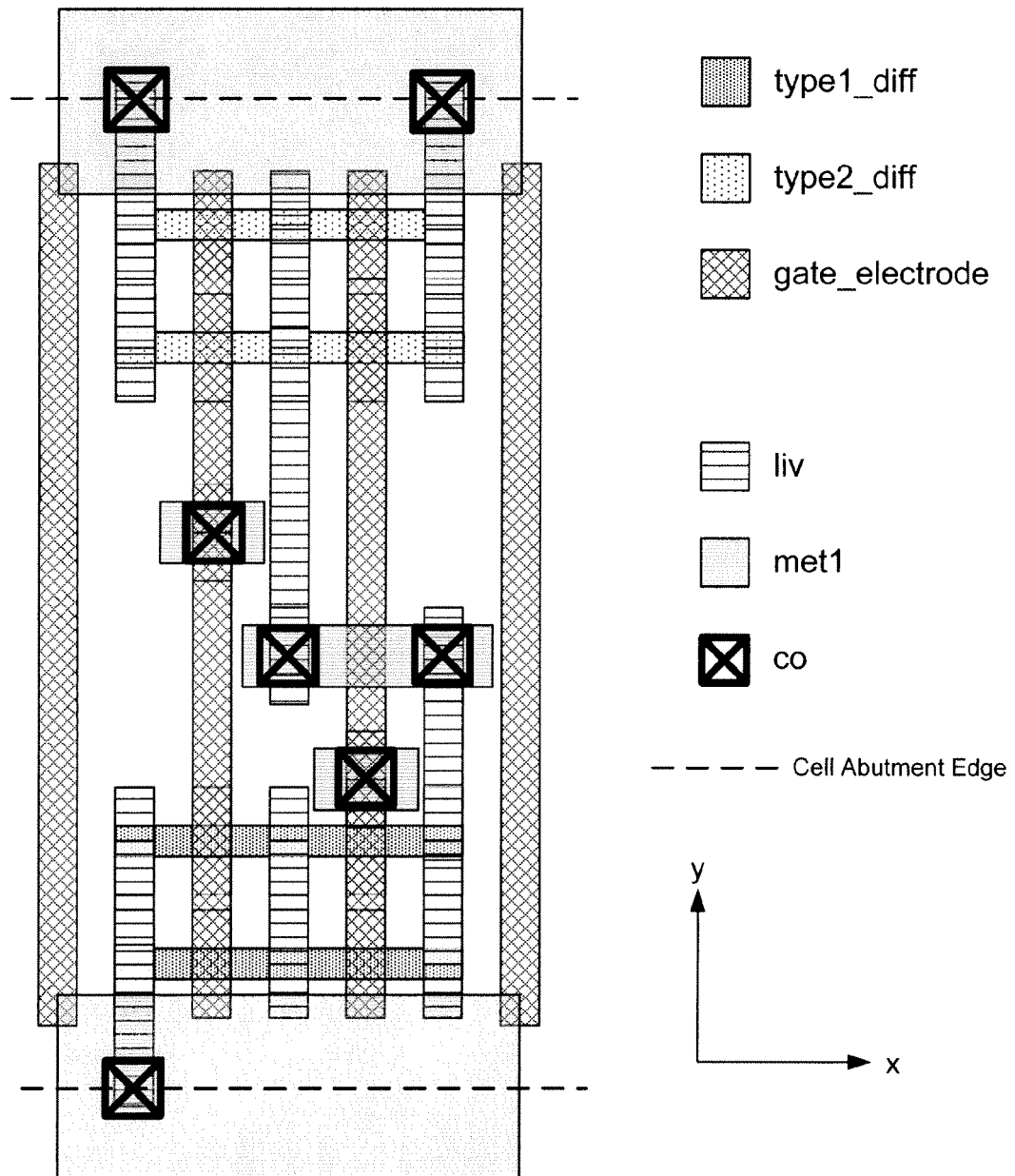


Fig. 11

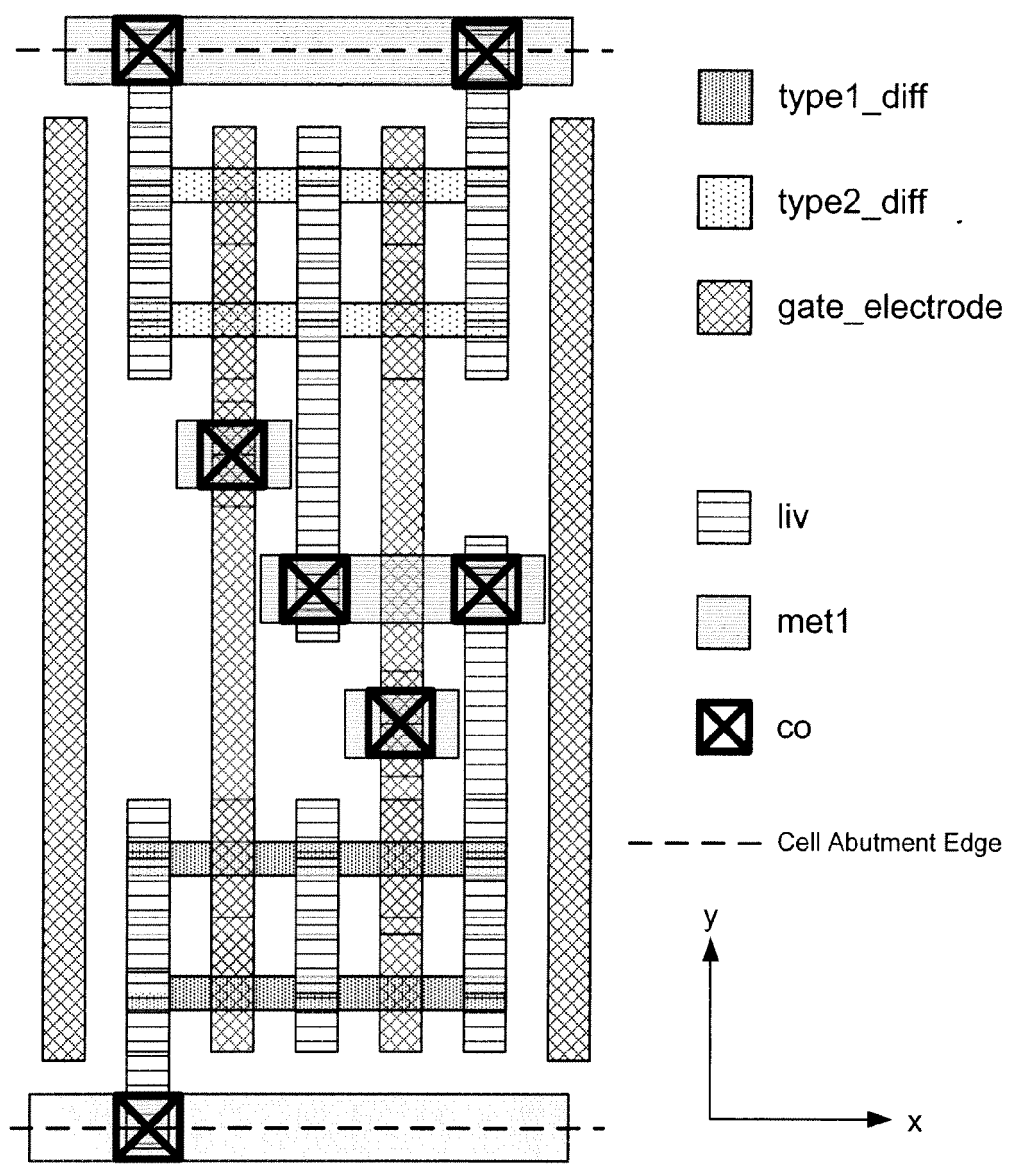


Fig. 12A

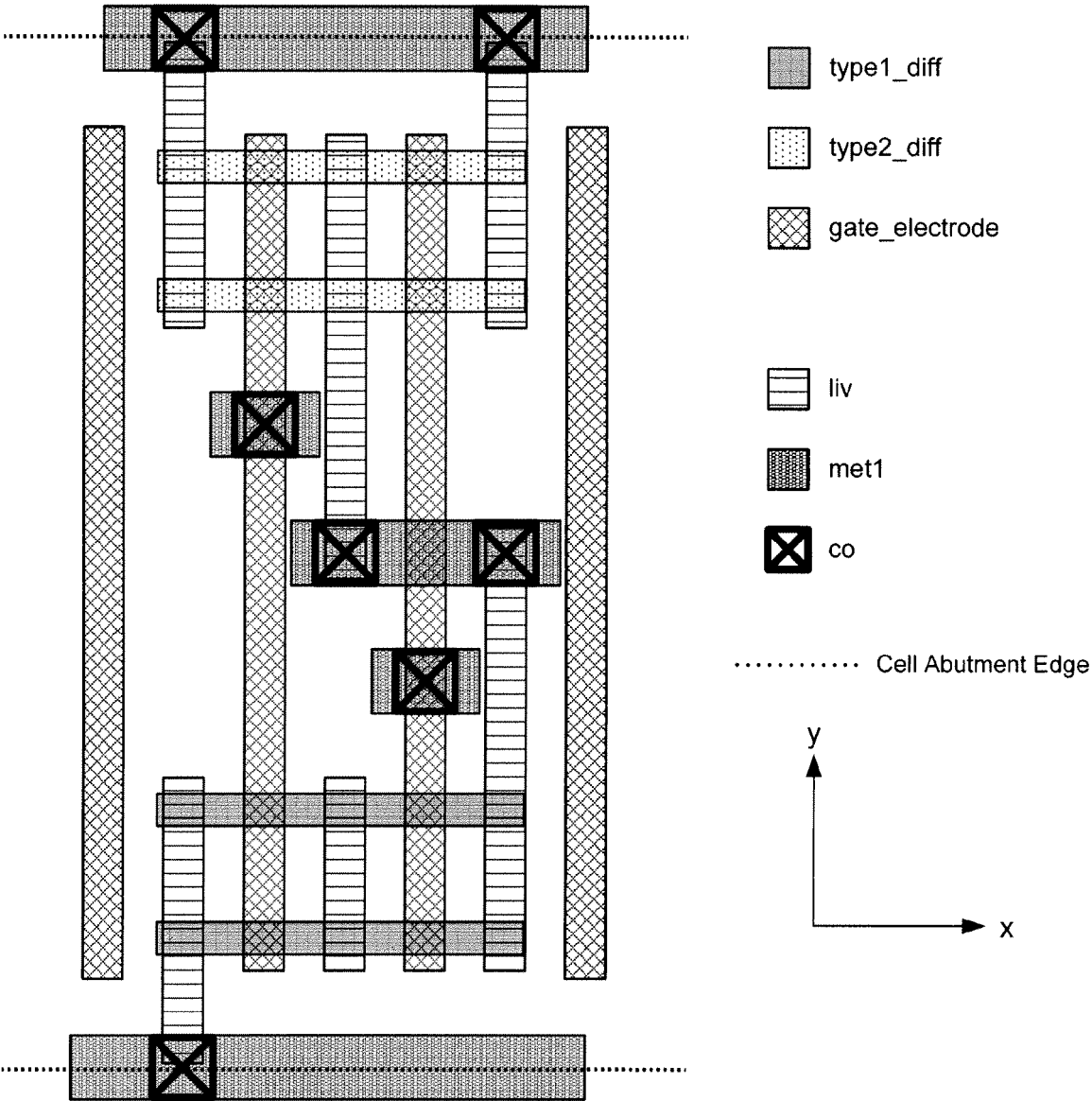


Fig. 12B

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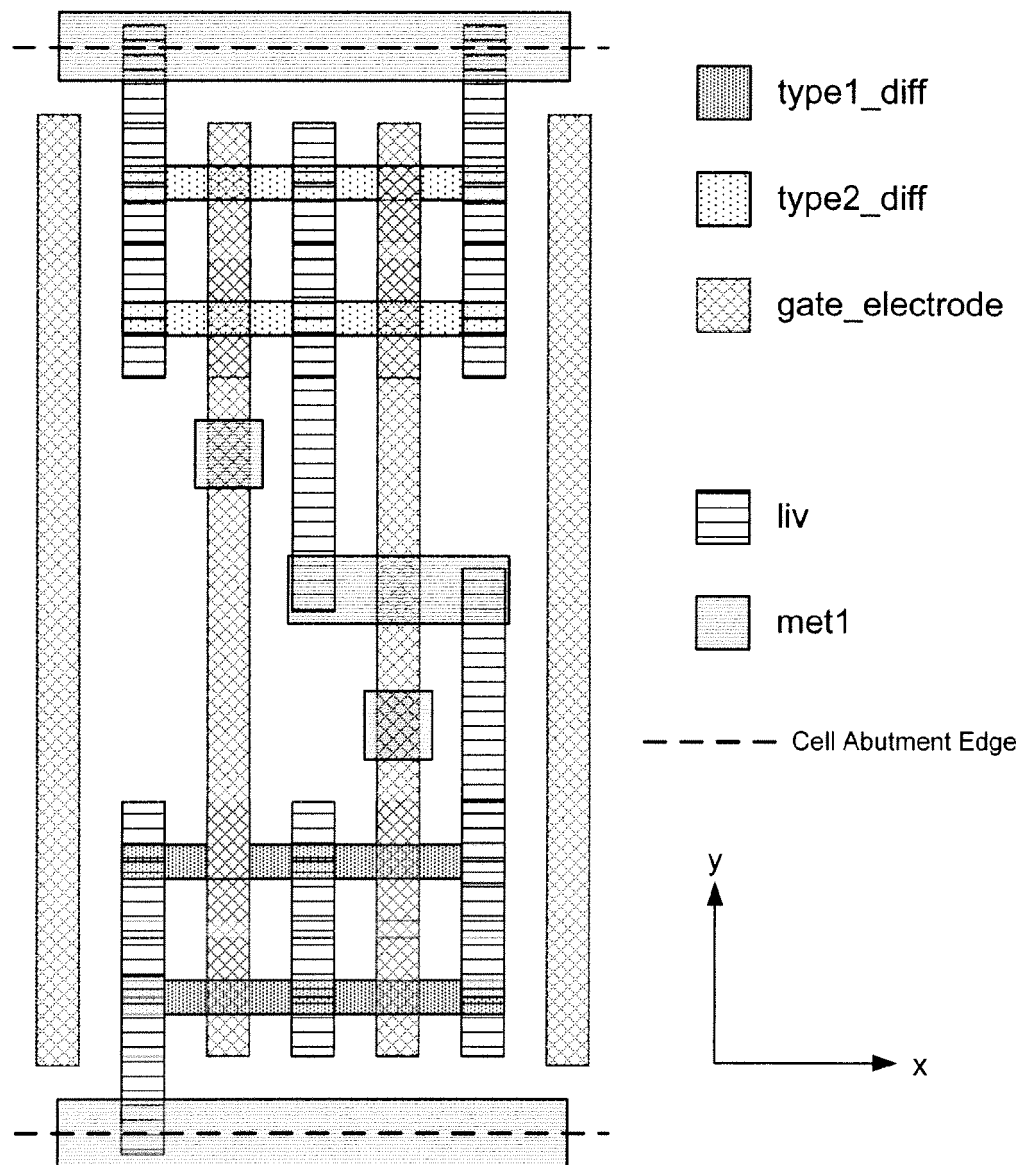


Fig. 13A

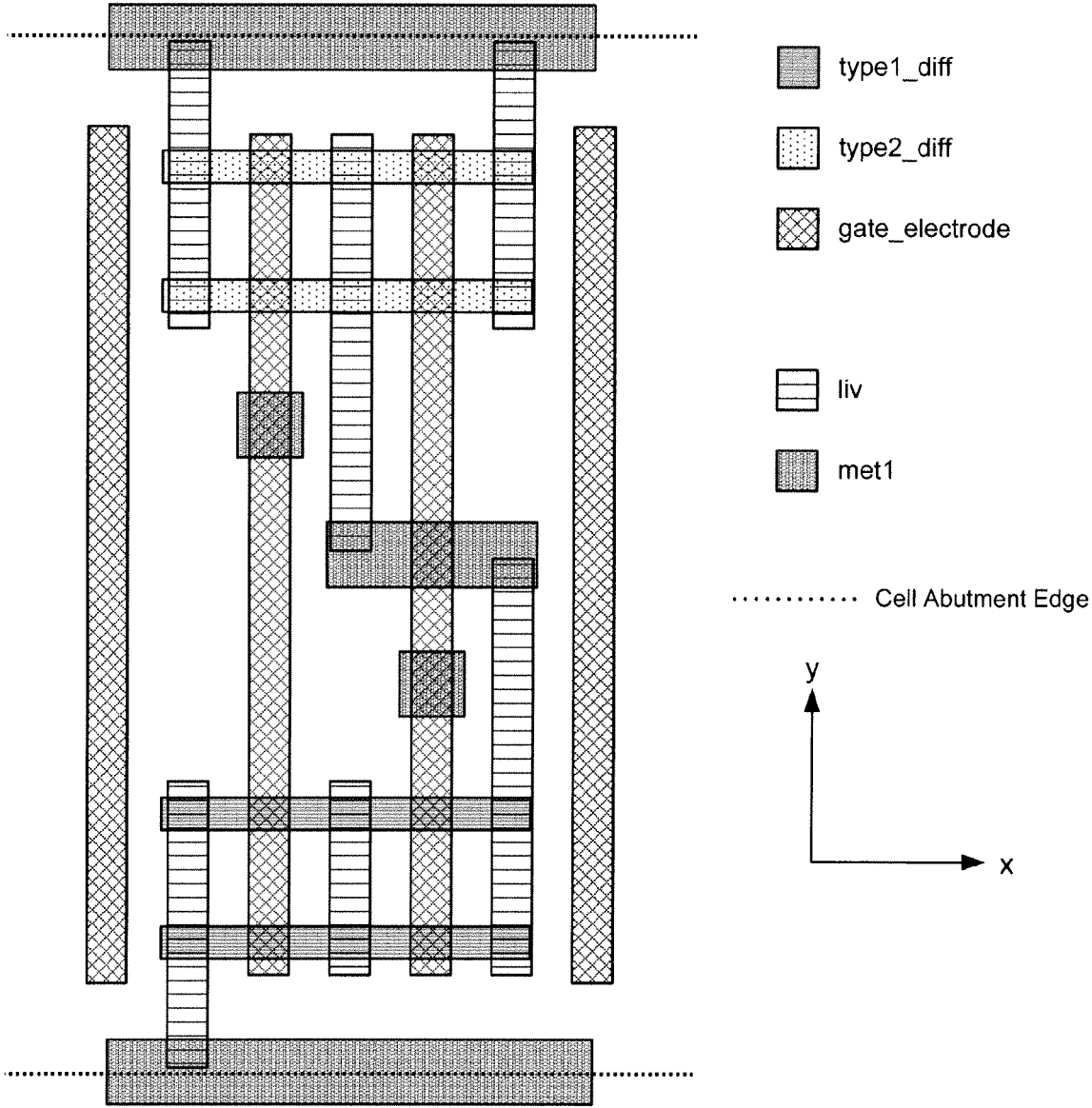


Fig. 13B

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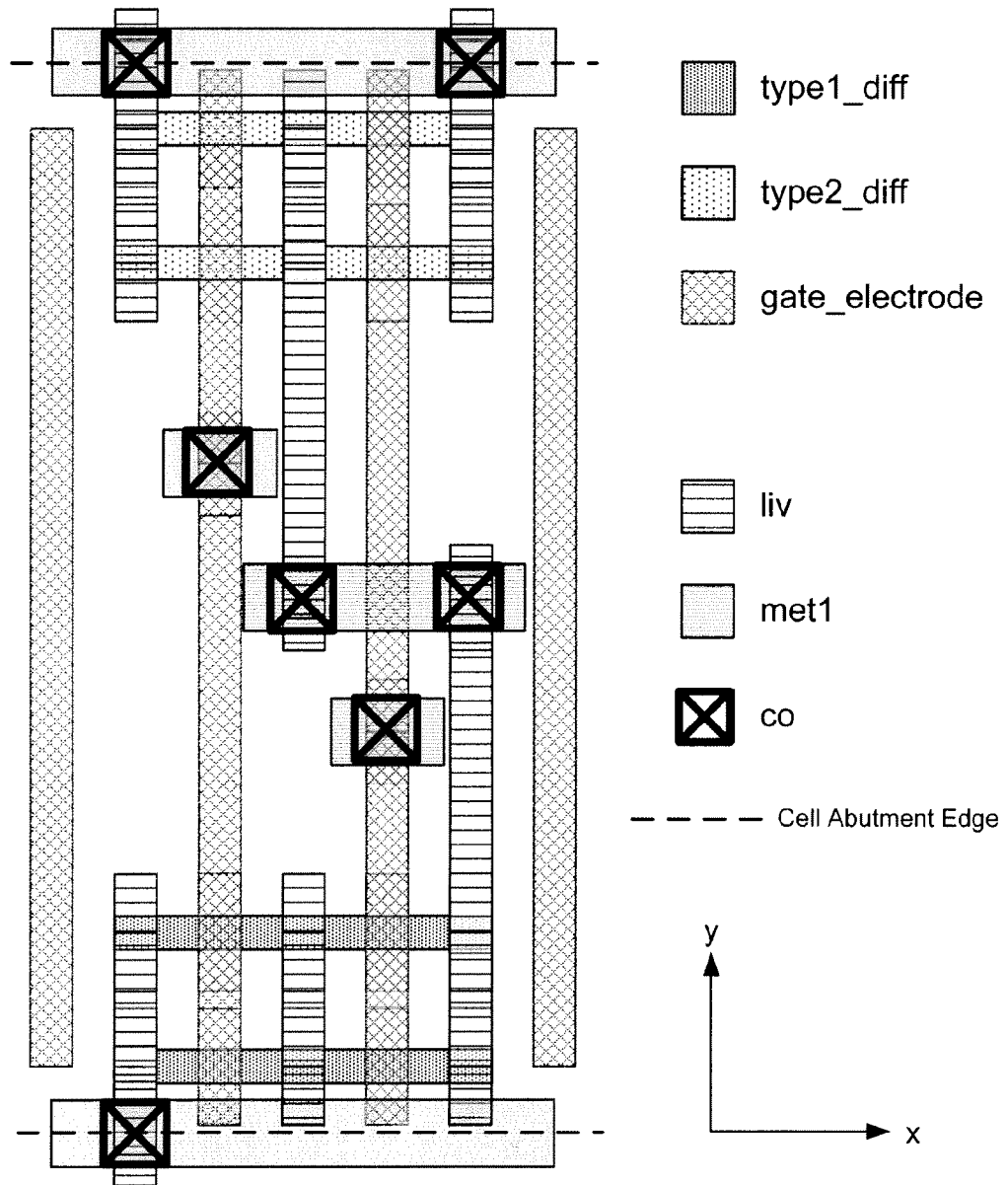


Fig. 14A

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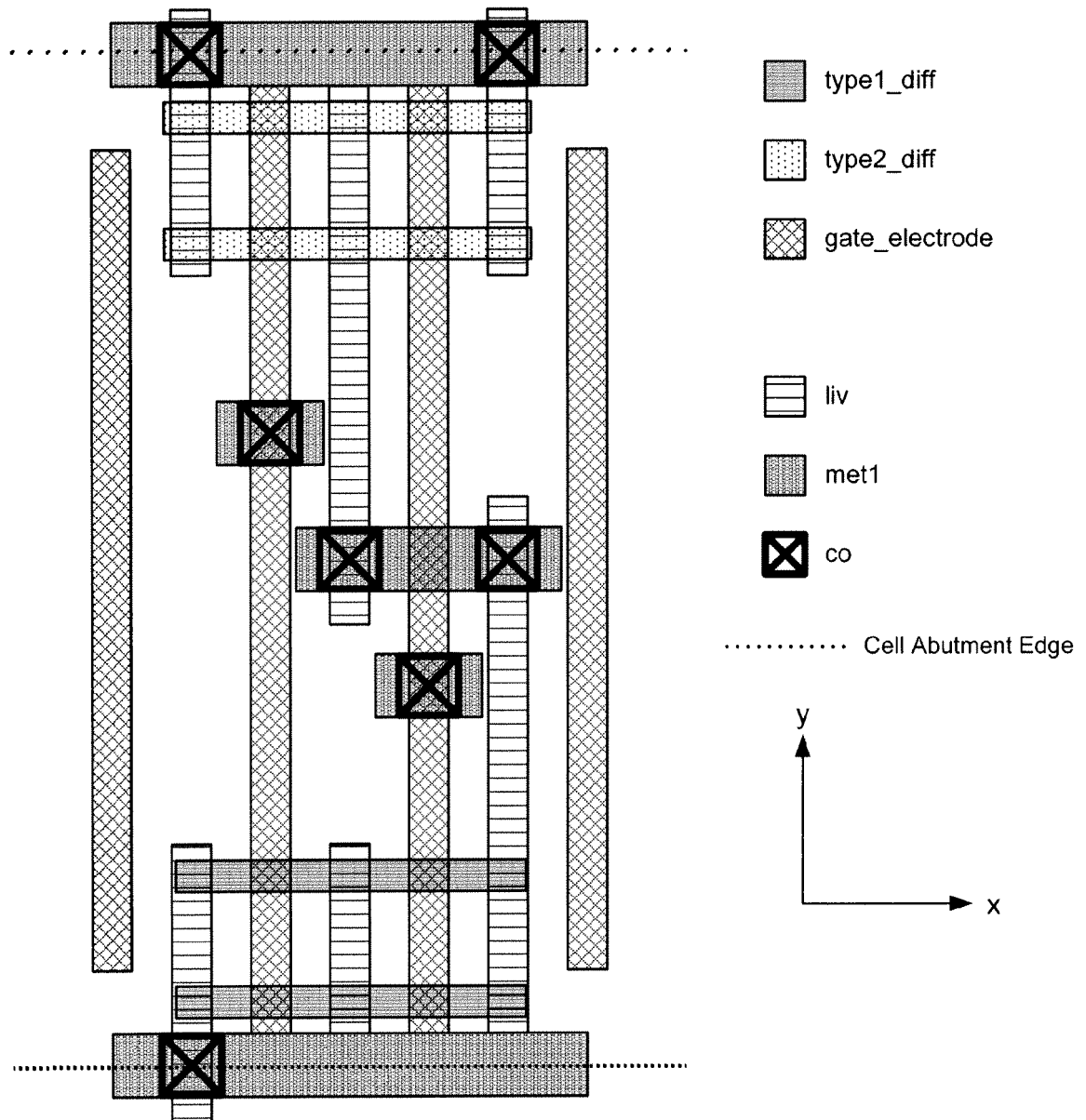


Fig. 14B

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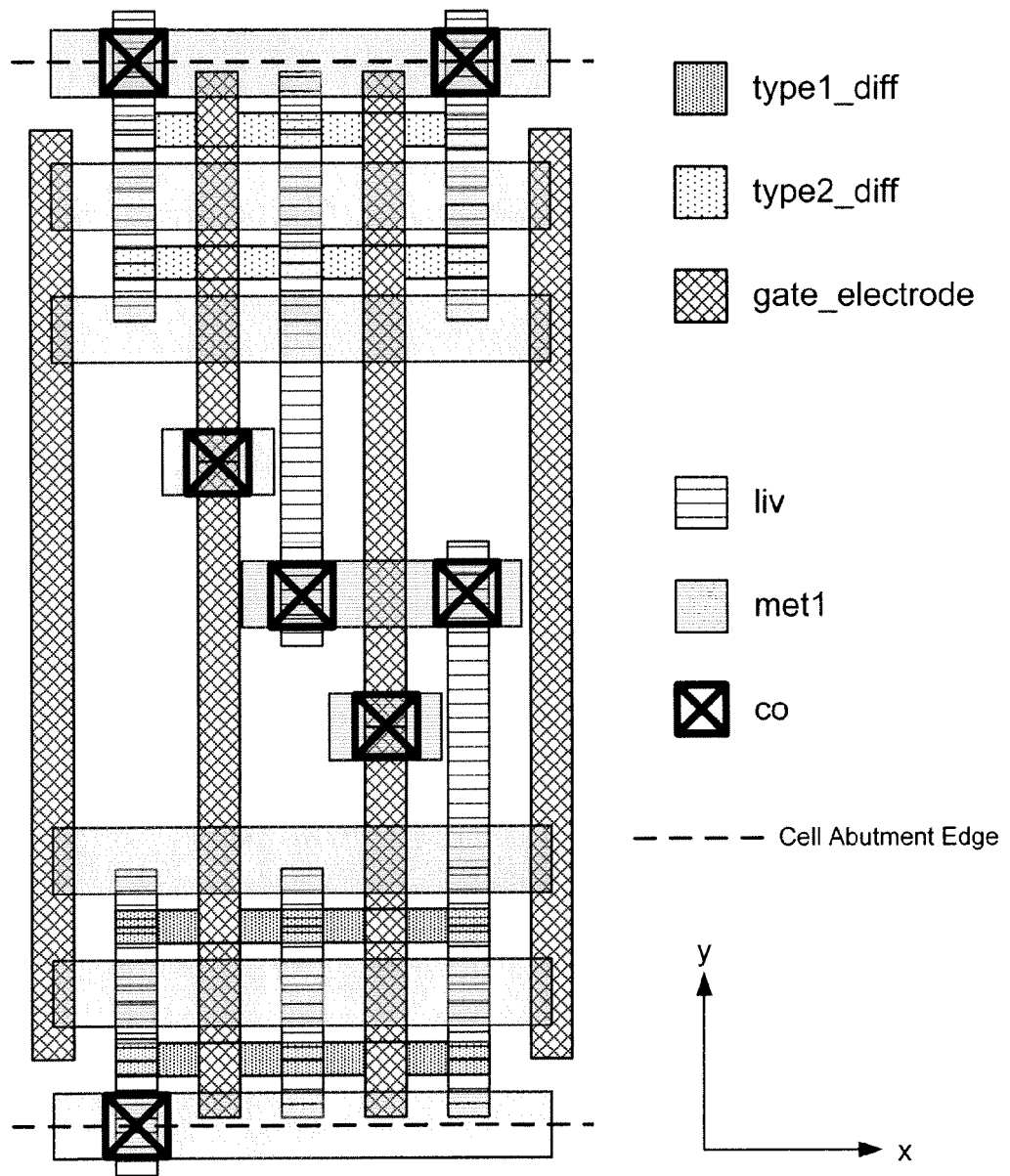


Fig. 15A

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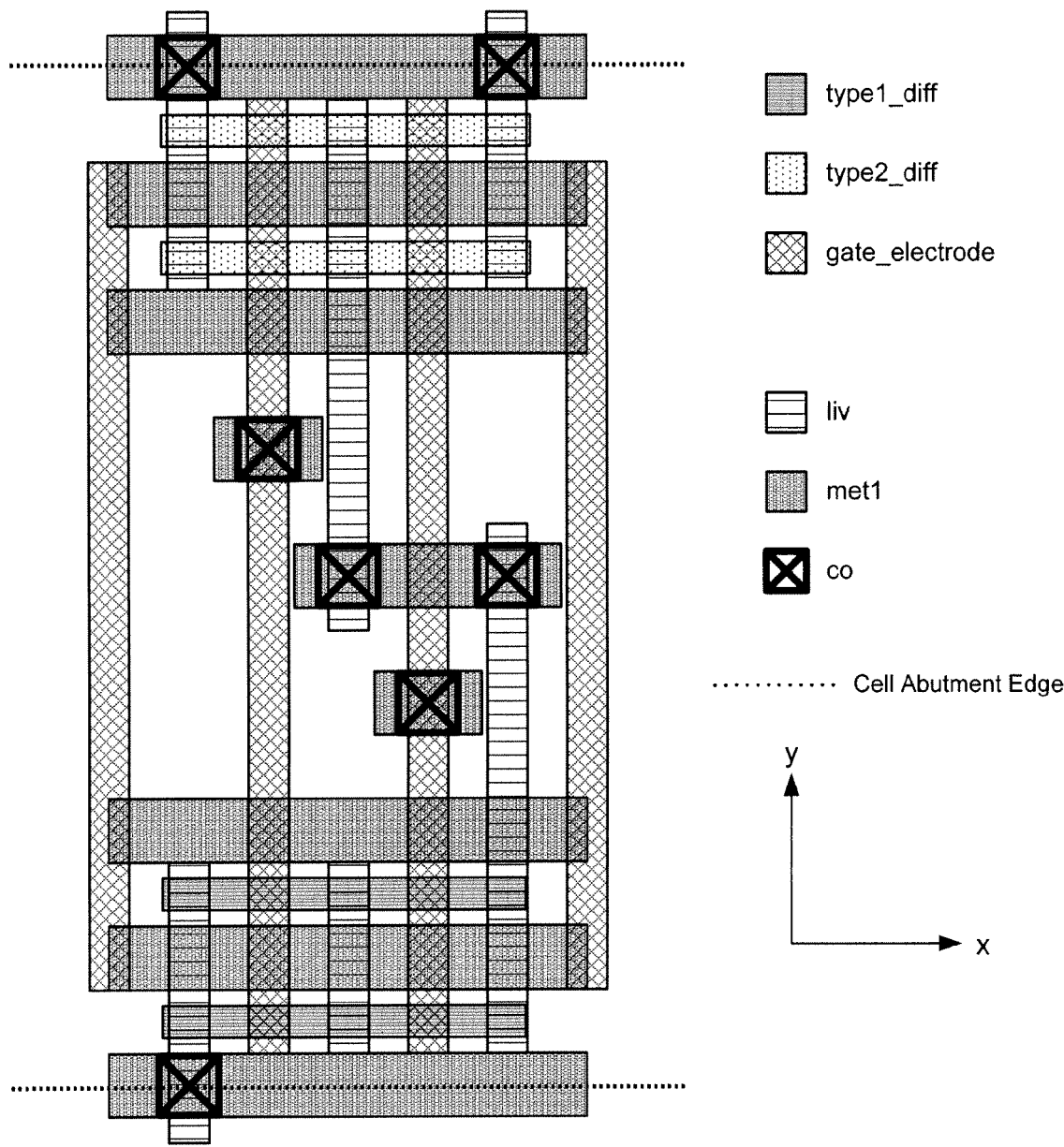


Fig. 15B

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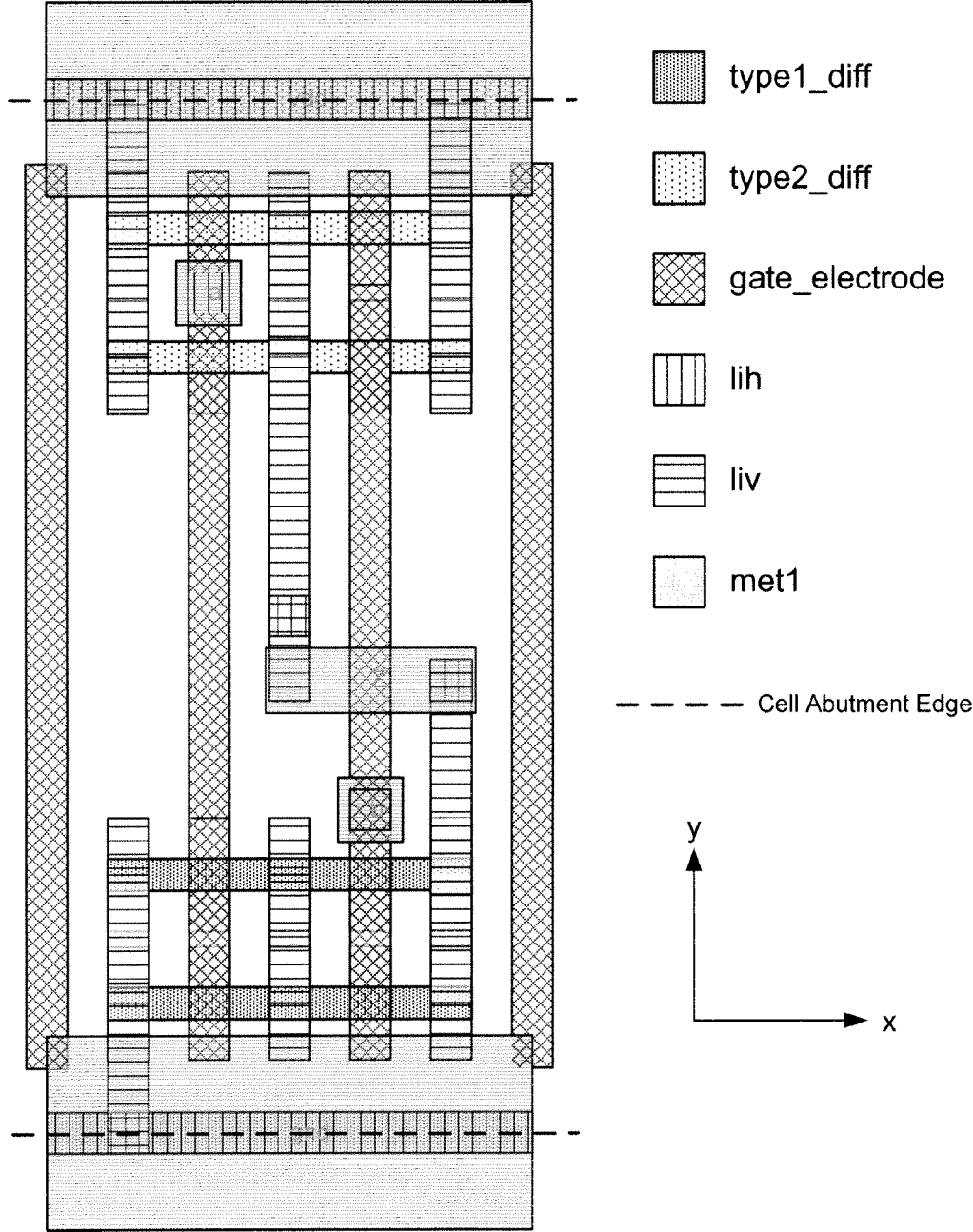


Fig. 16A

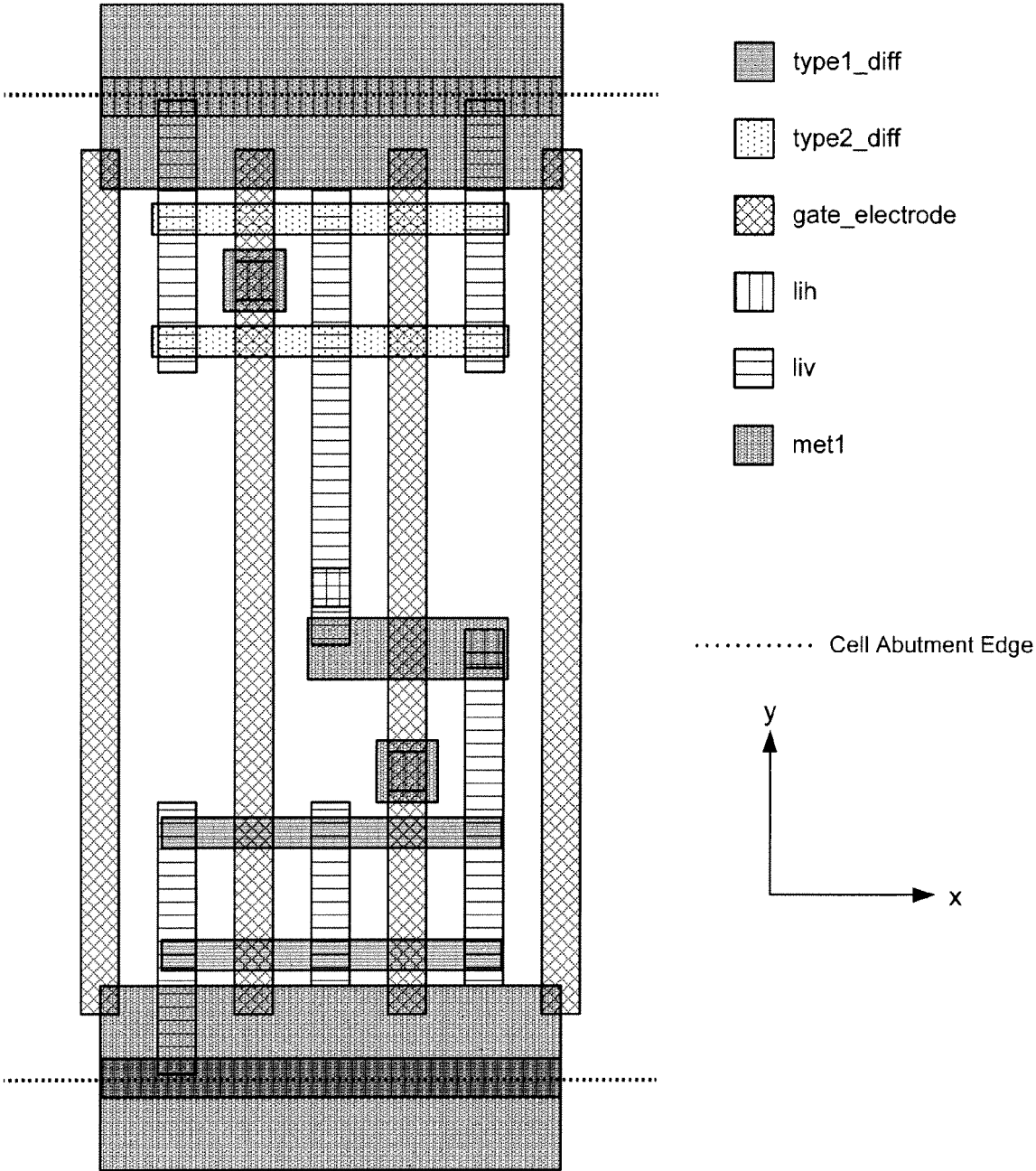


Fig. 16B

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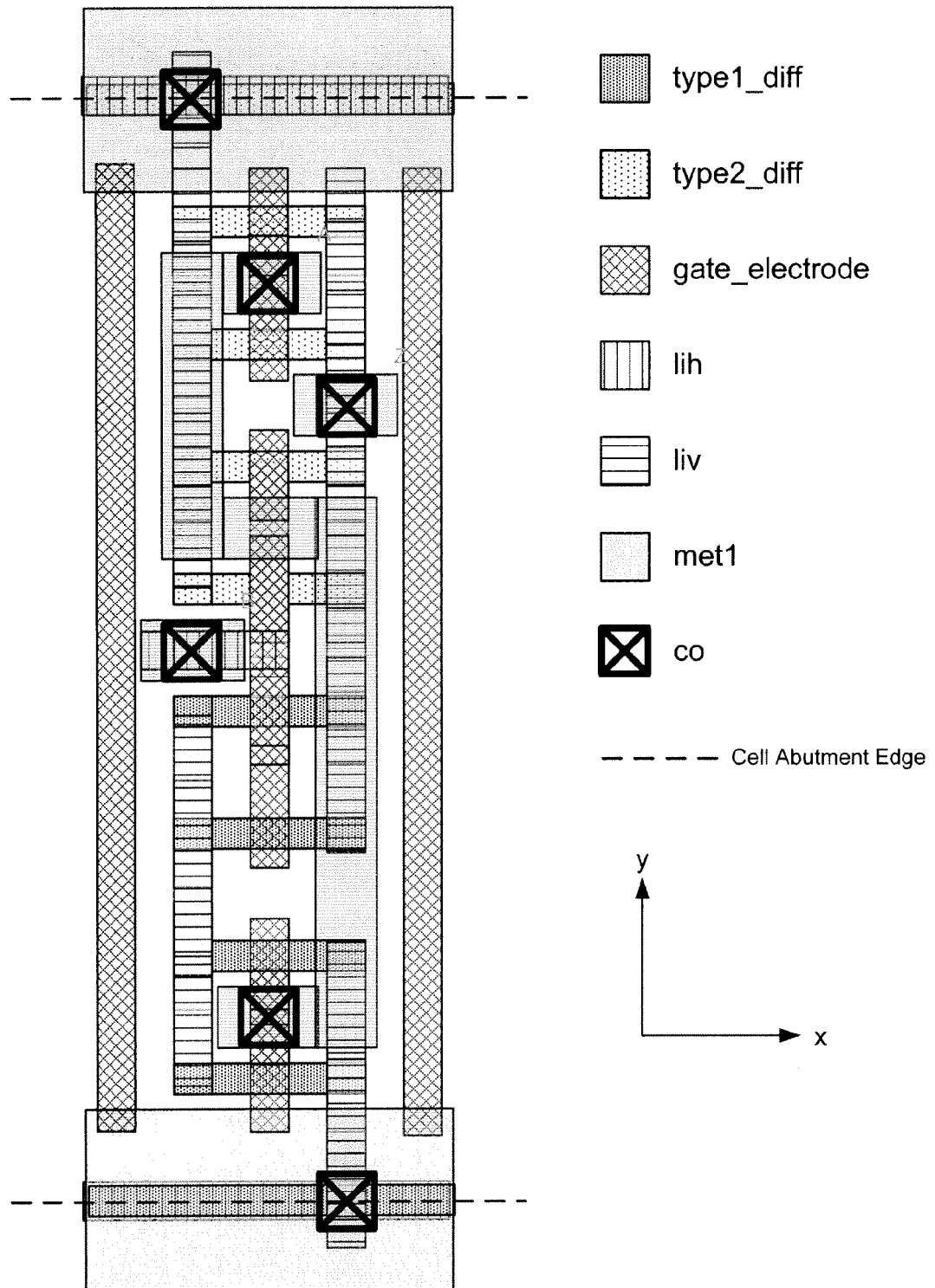


Fig. 17A

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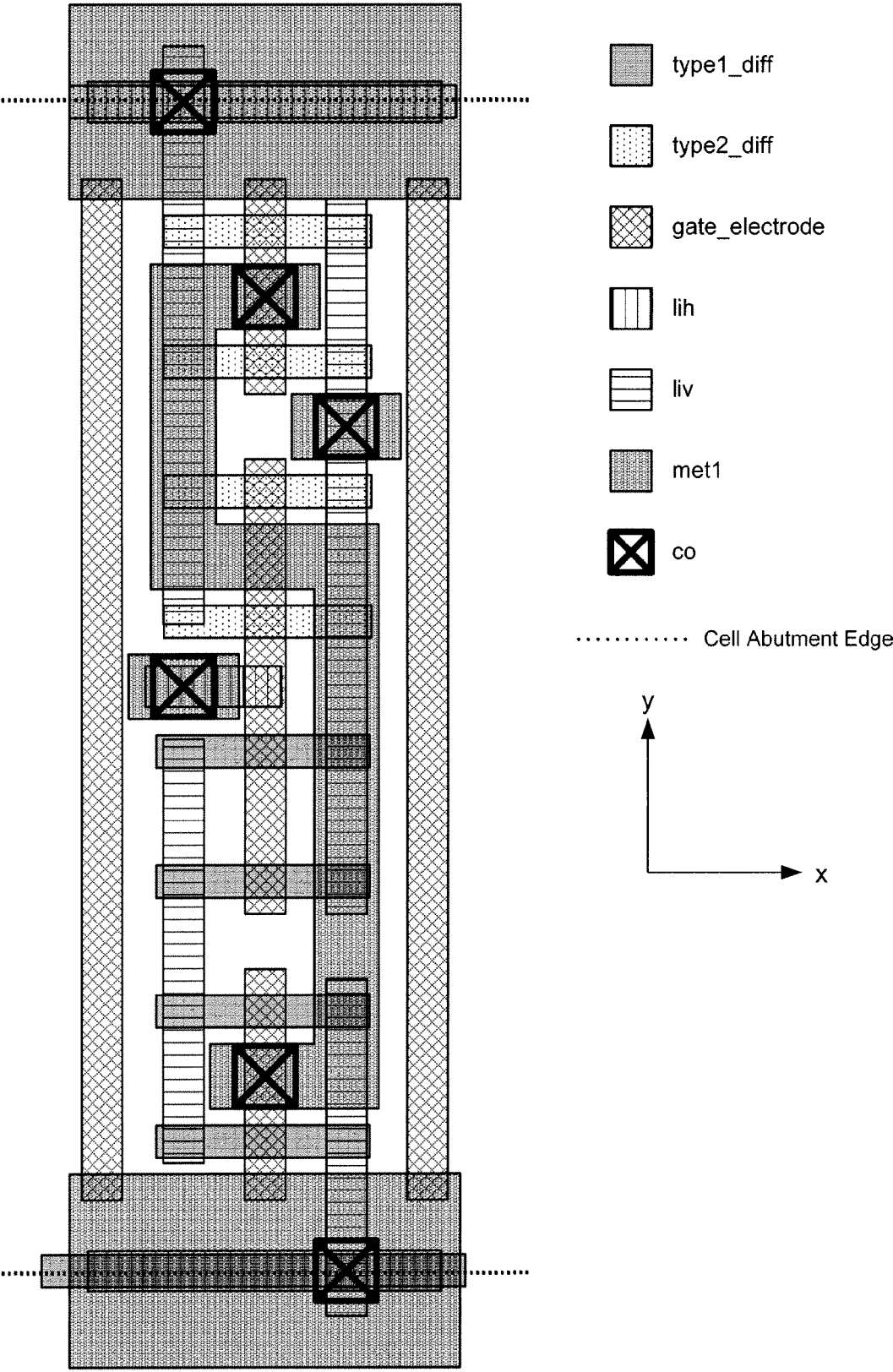


Fig. 17B

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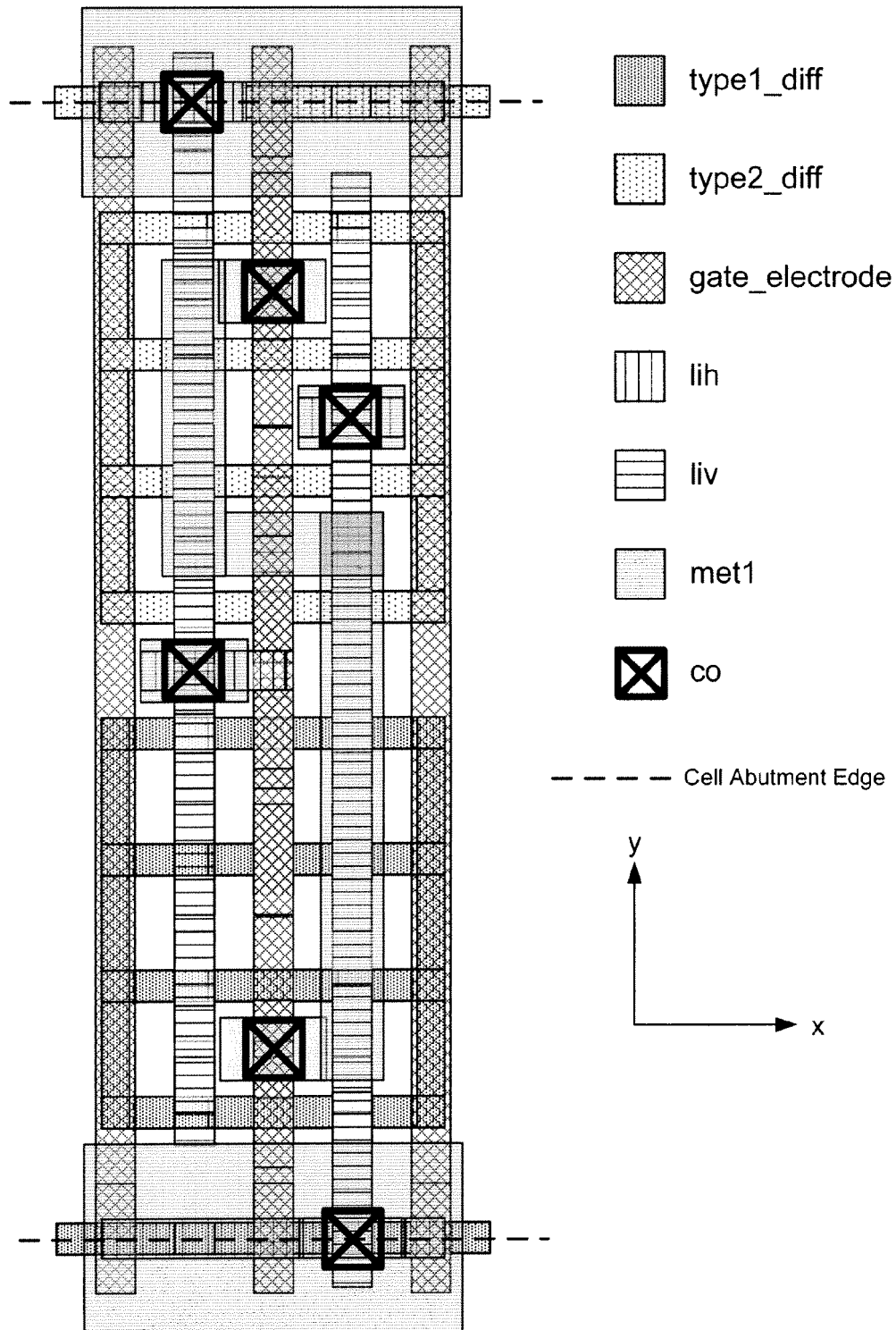


Fig. 18A

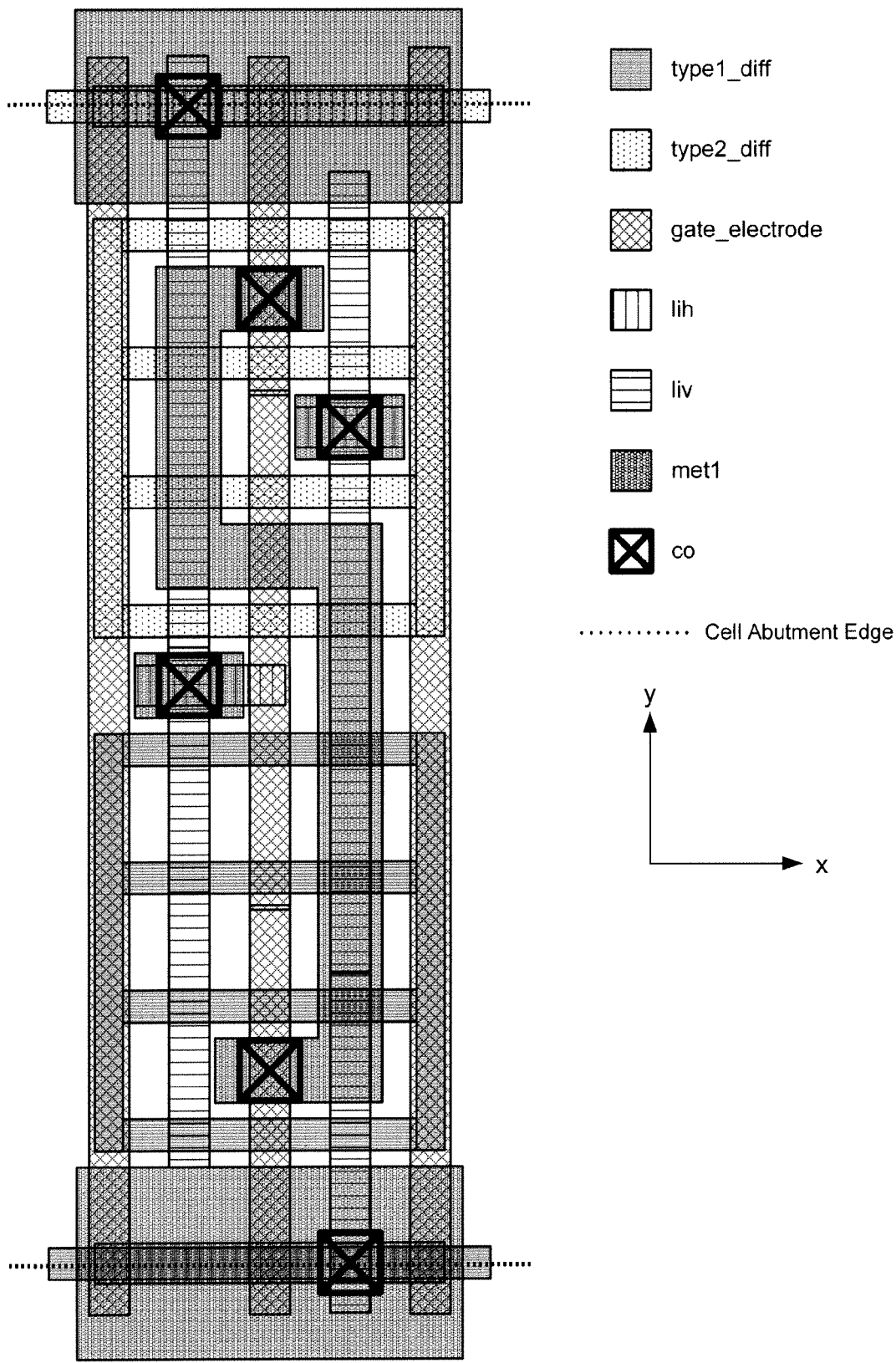


Fig. 18B

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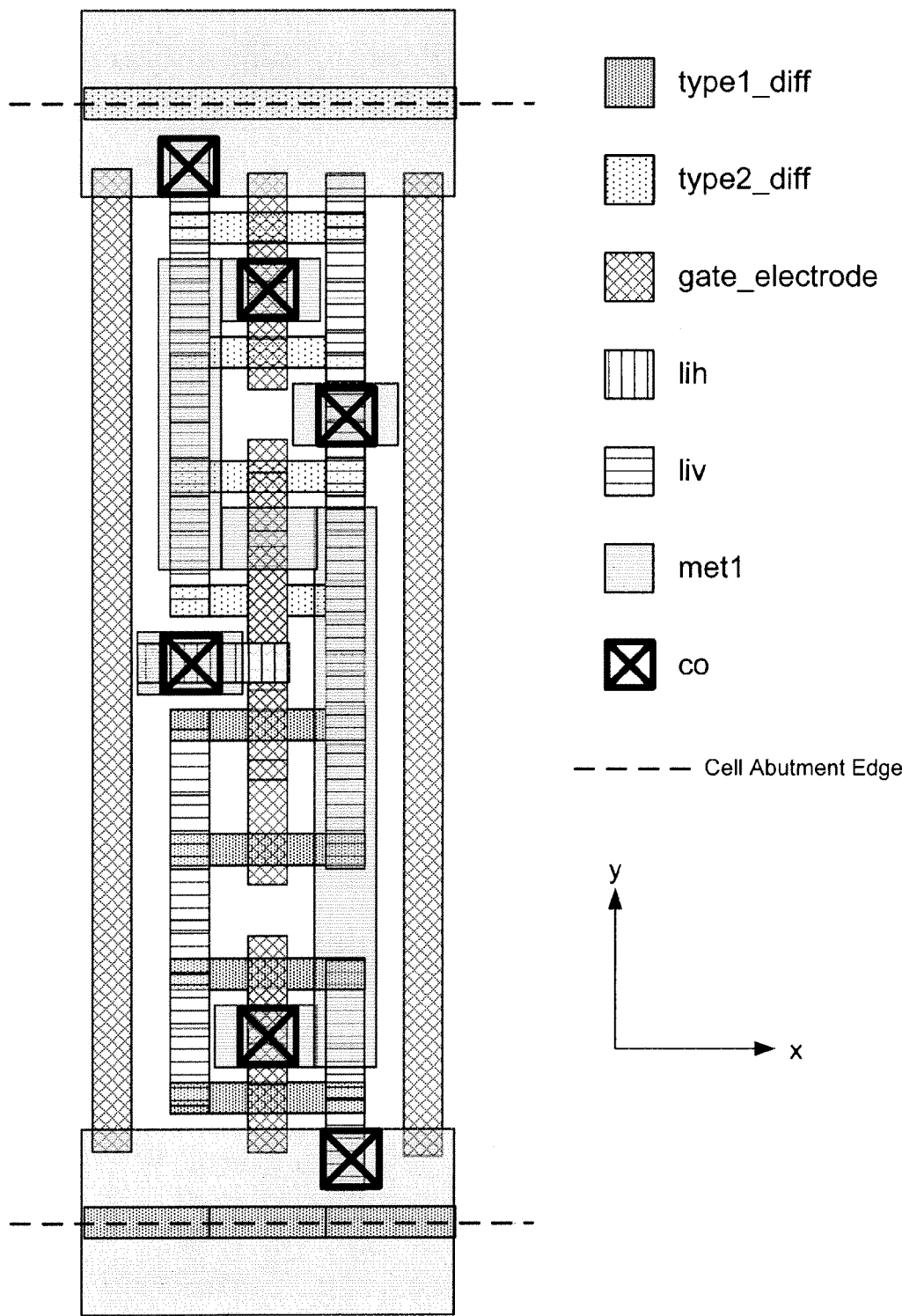


Fig. 19A

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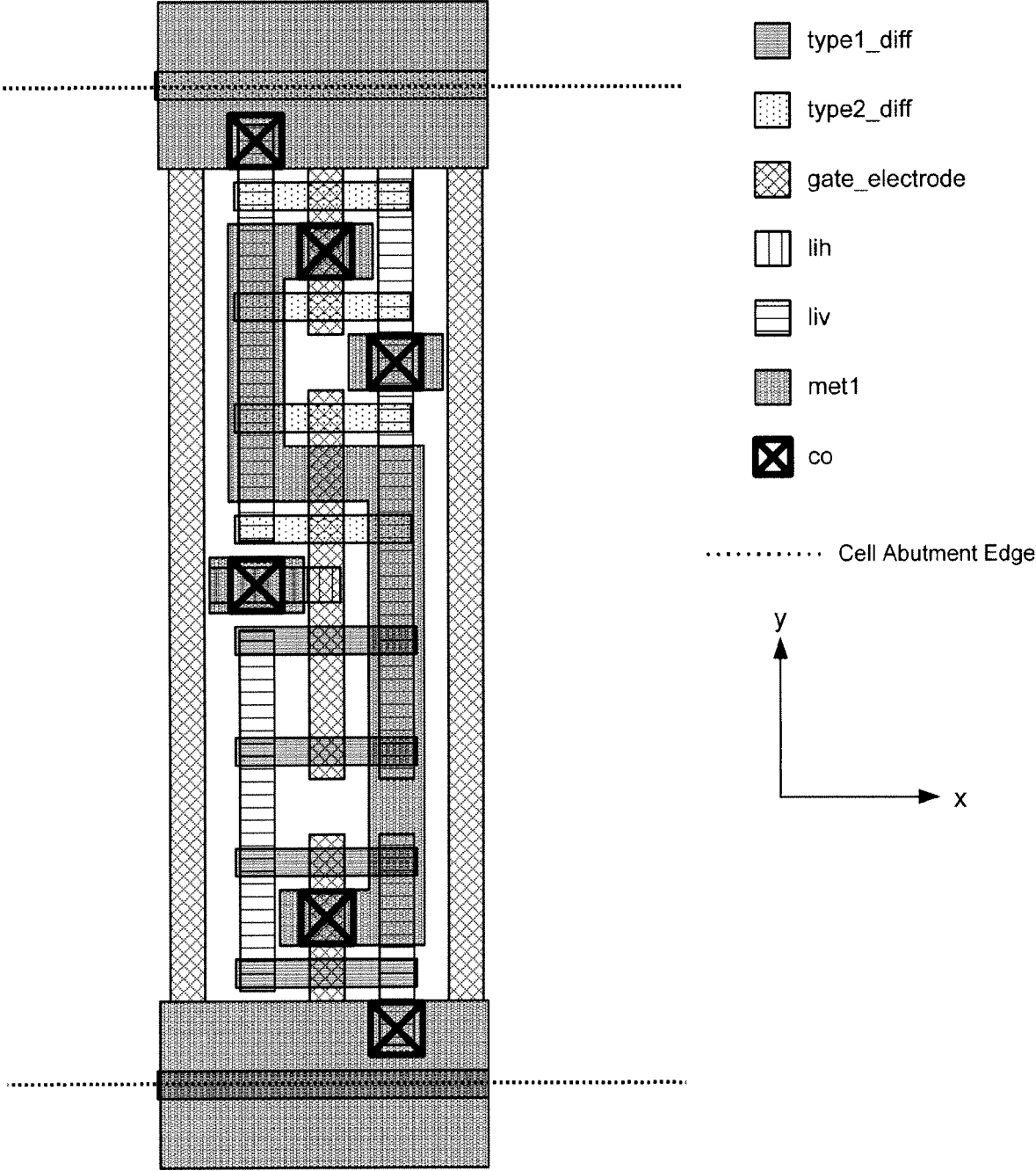


Fig. 19B

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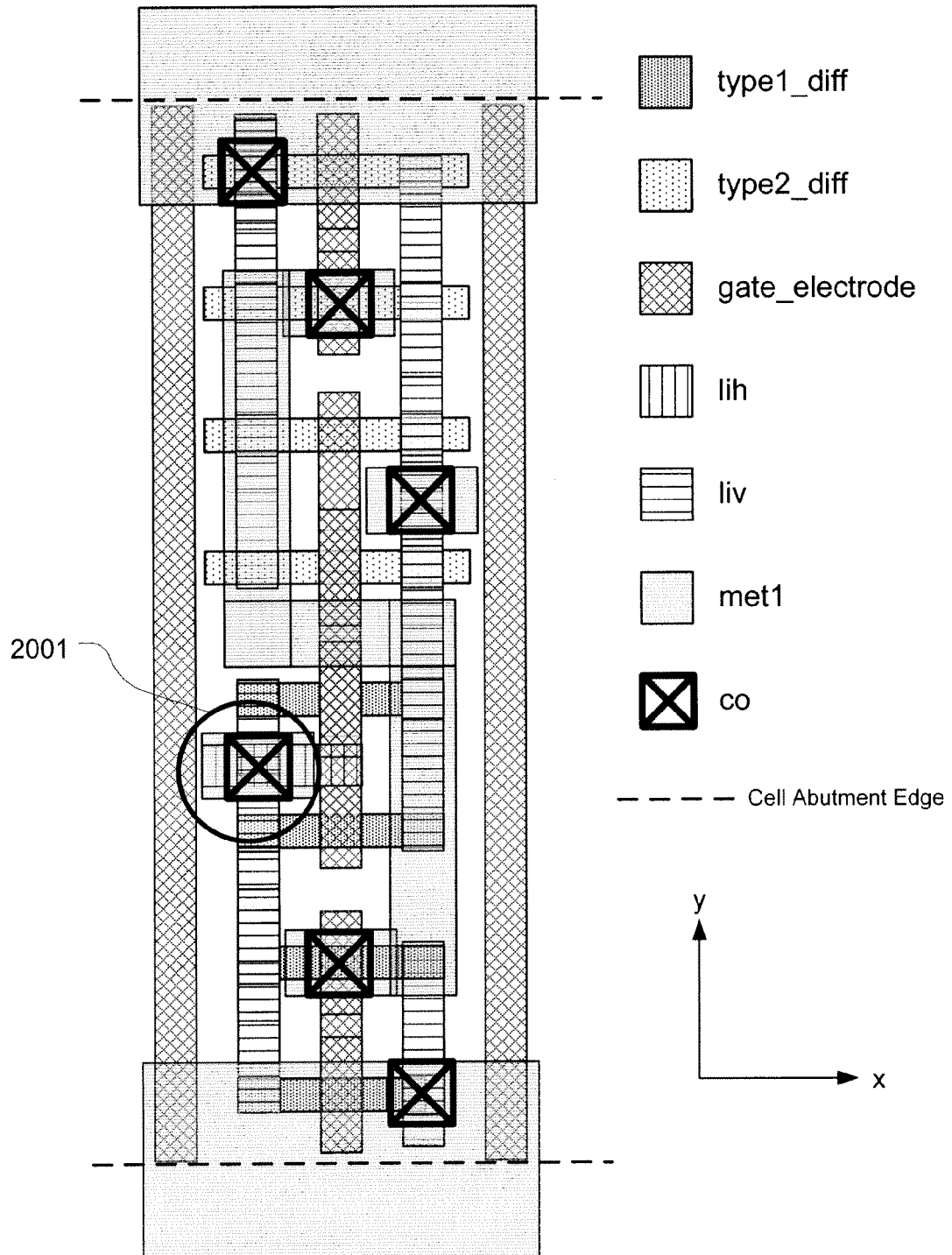


Fig. 20A

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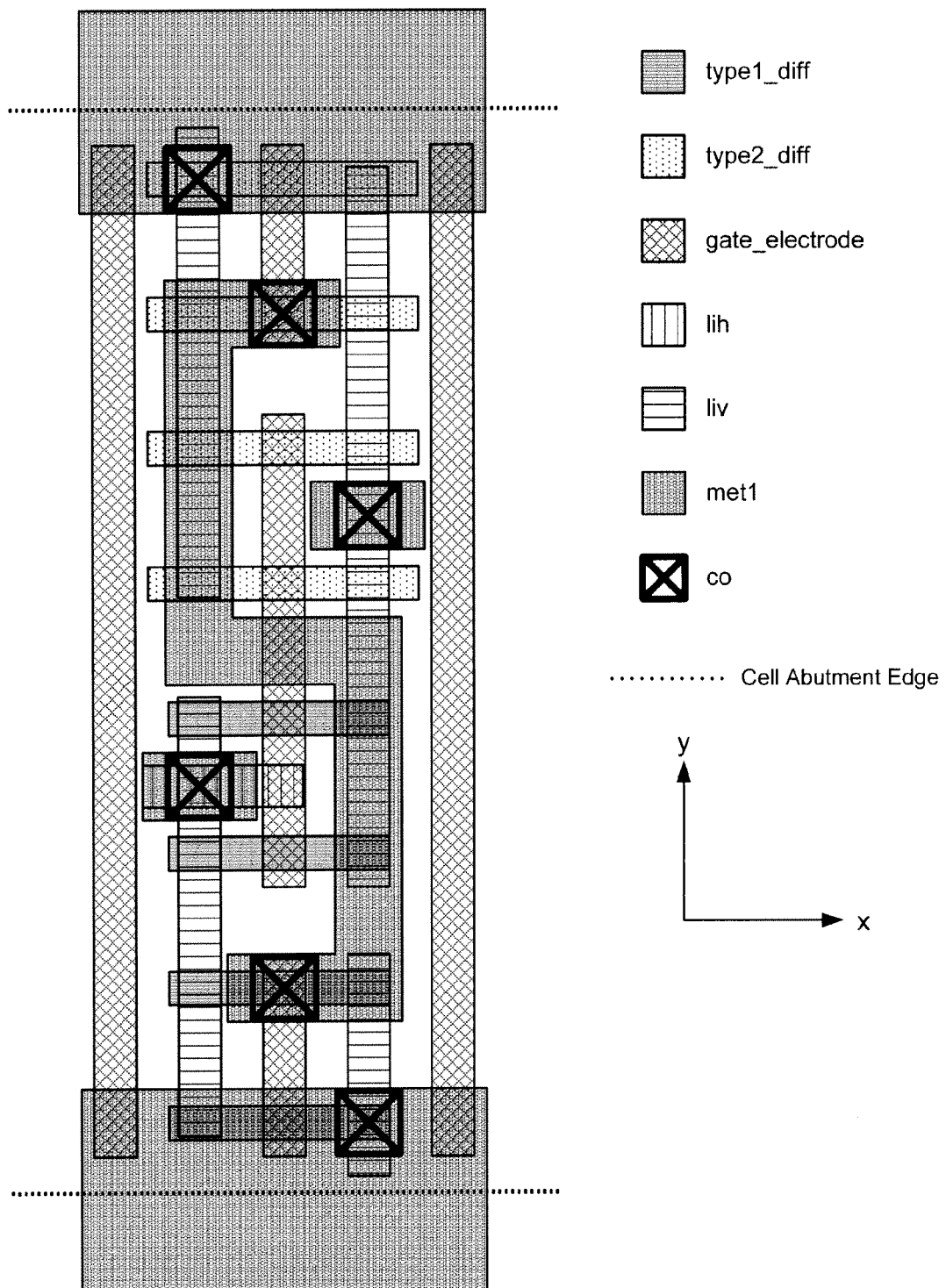


Fig. 20B

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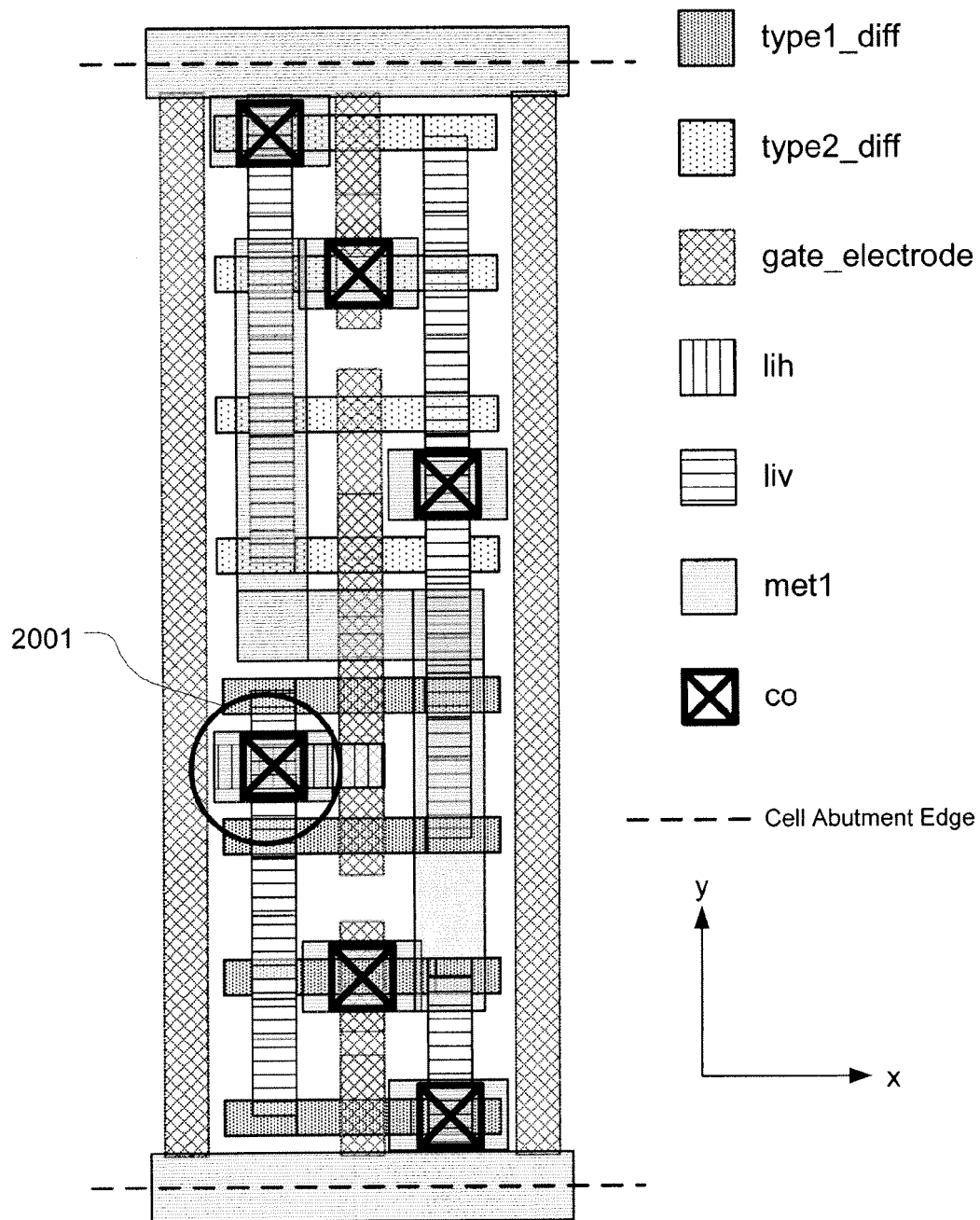


Fig. 21A

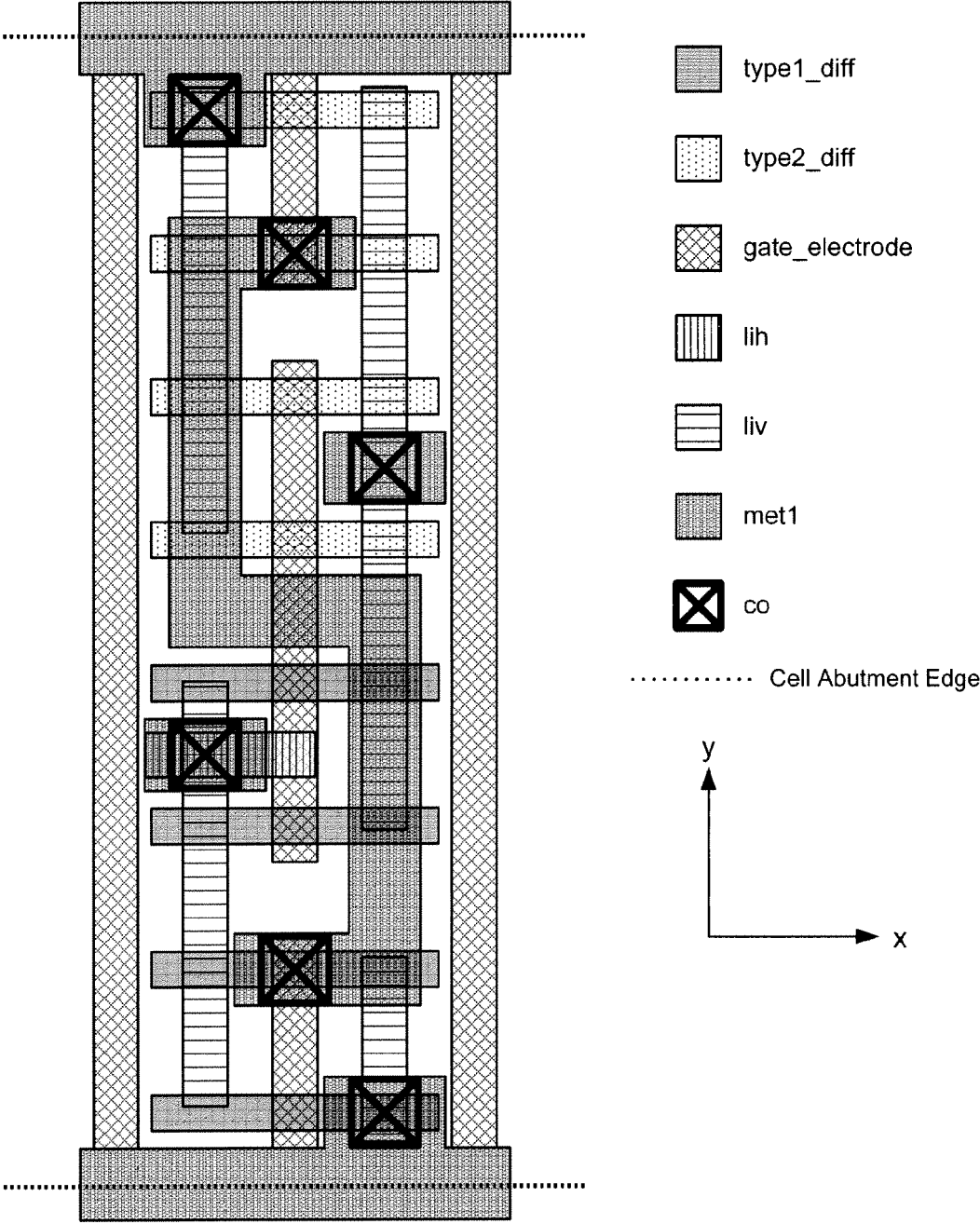


Fig. 21B

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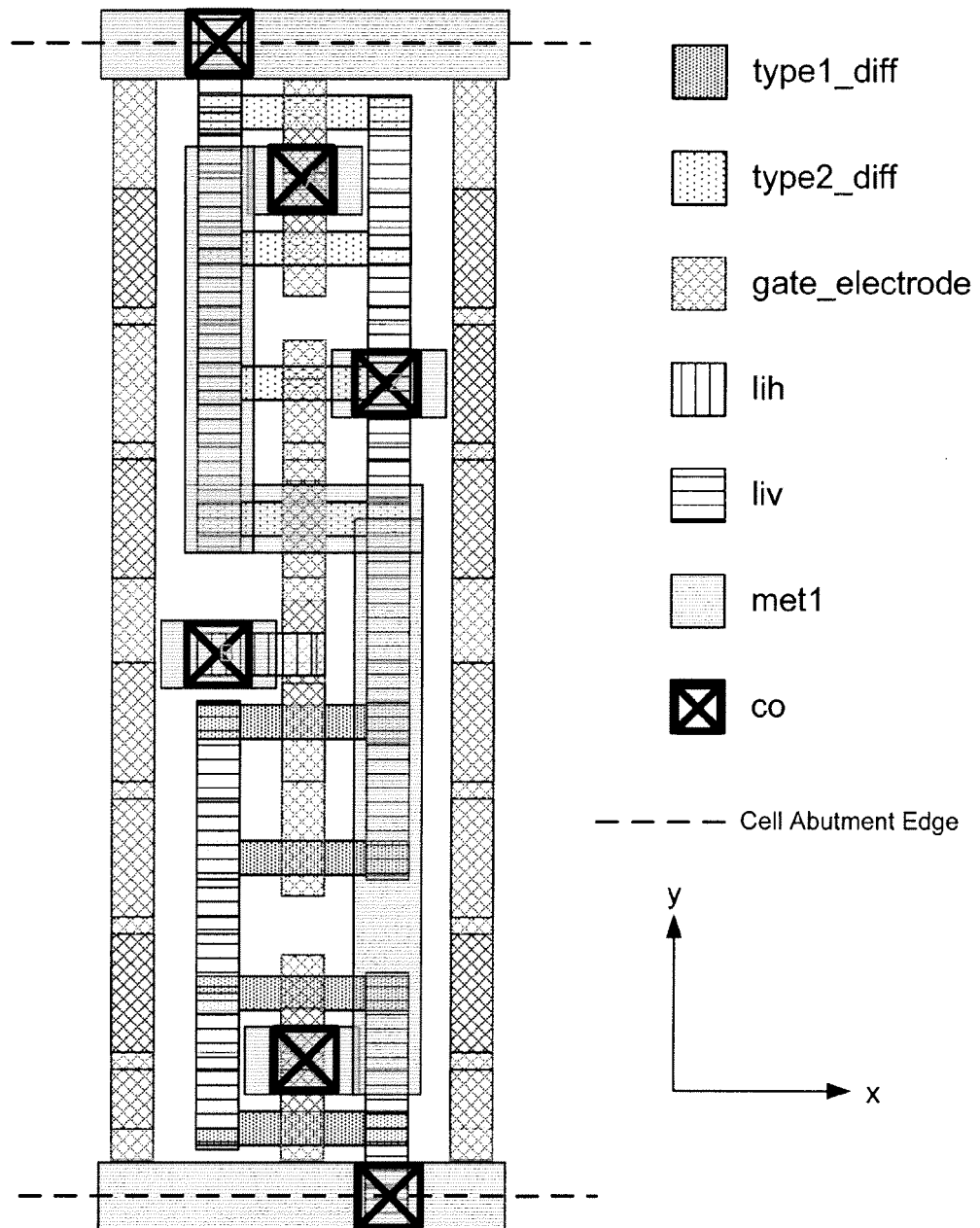


Fig. 22A

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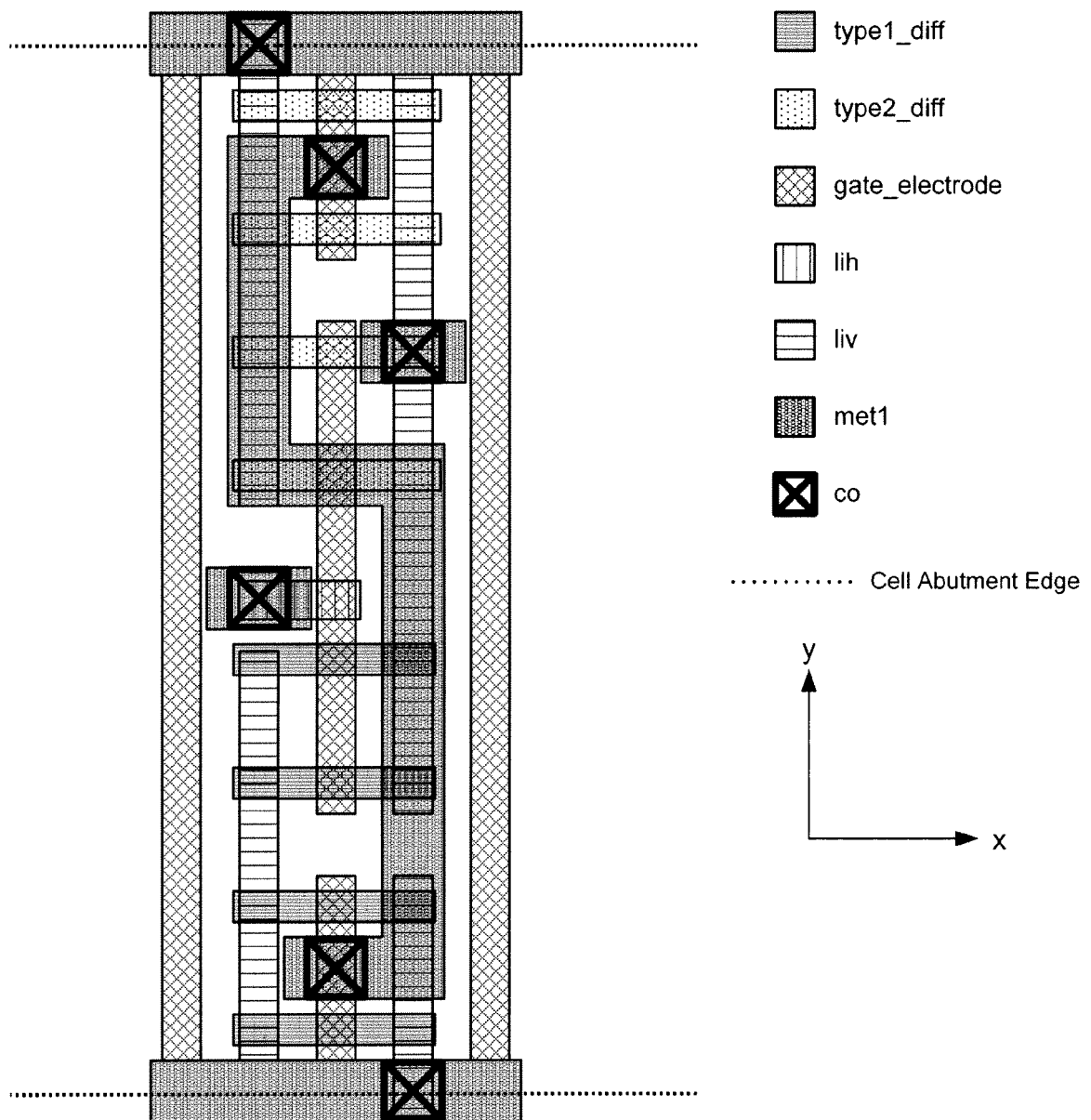


Fig. 22B

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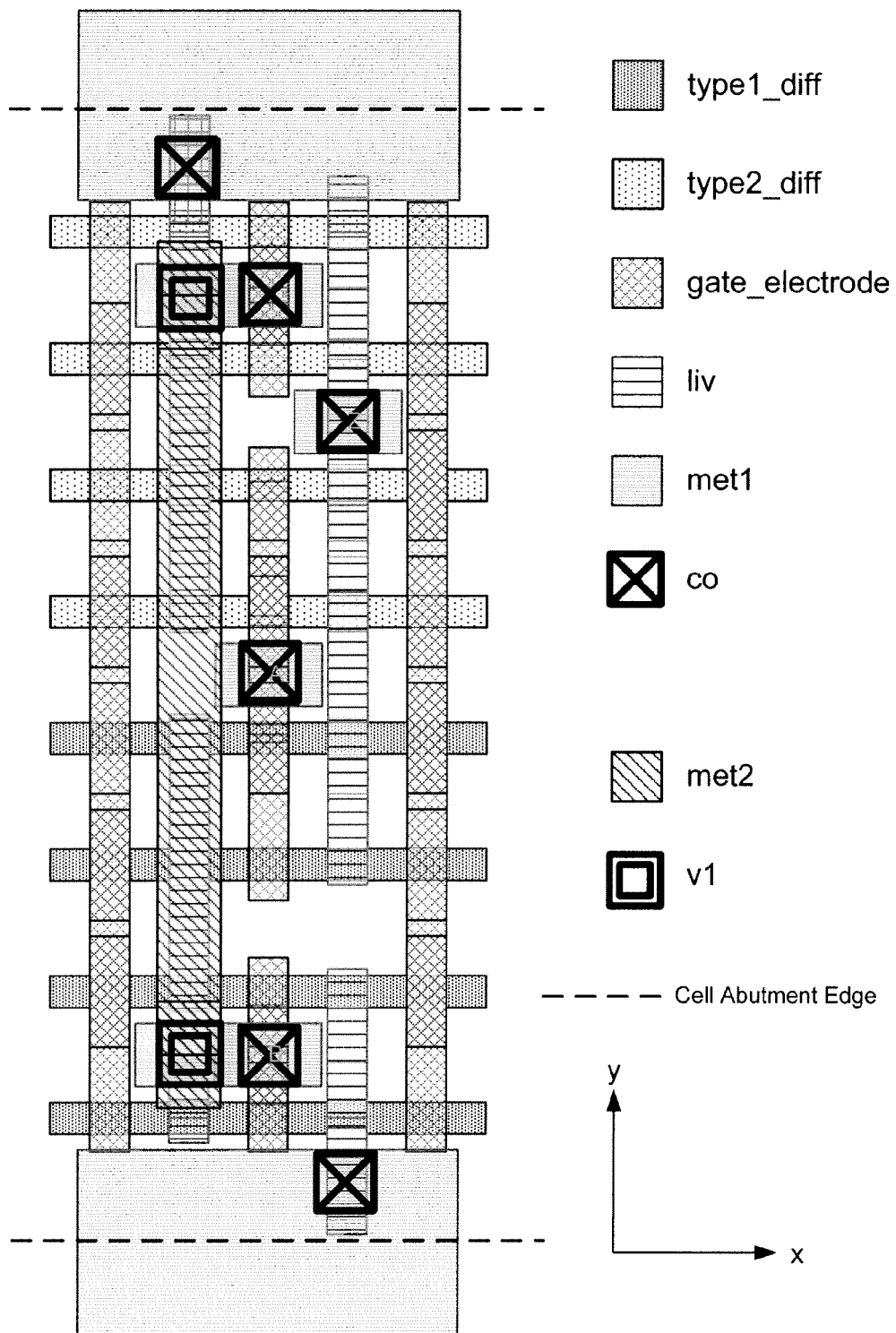


Fig. 23A

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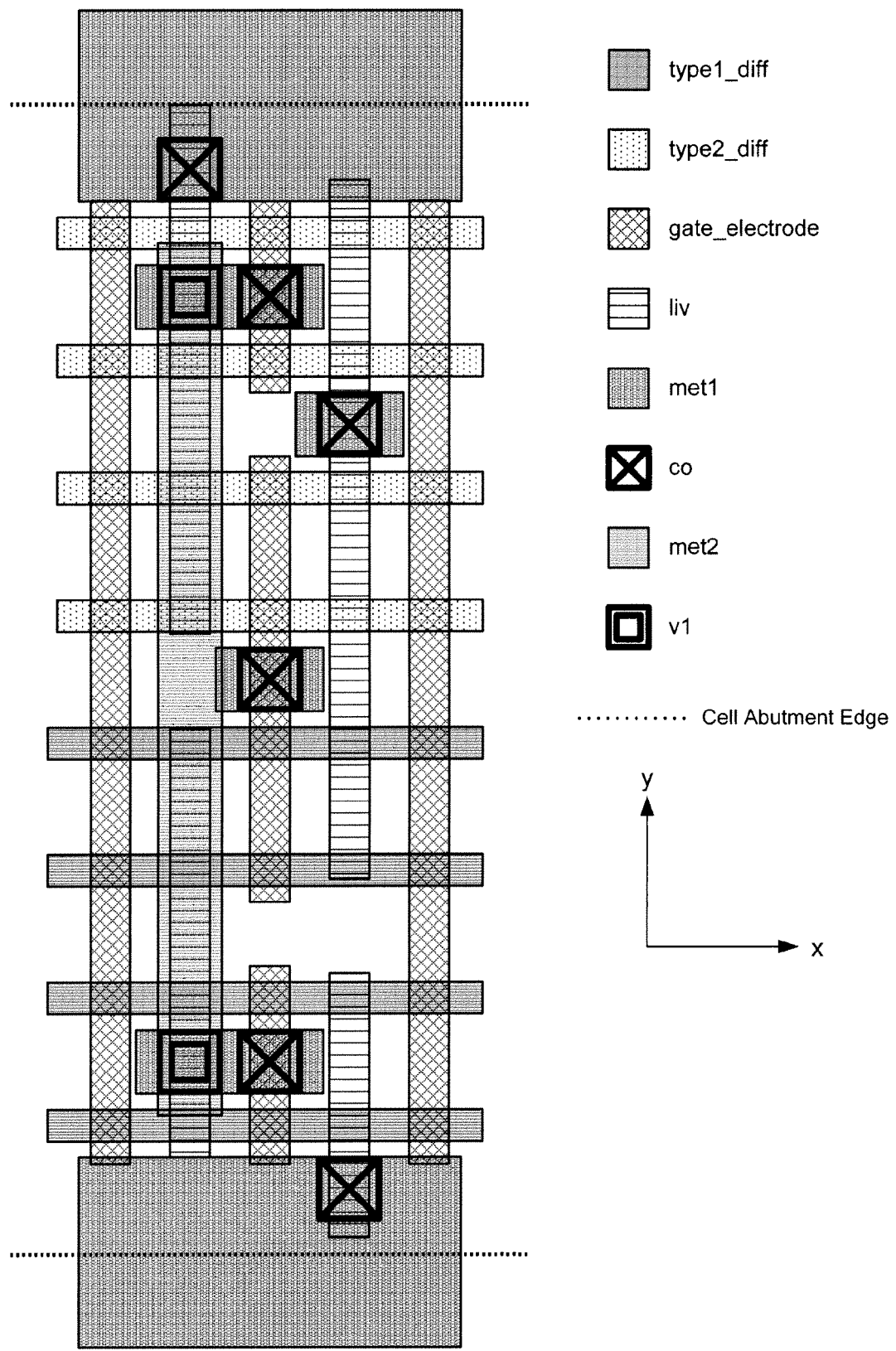


Fig. 23B

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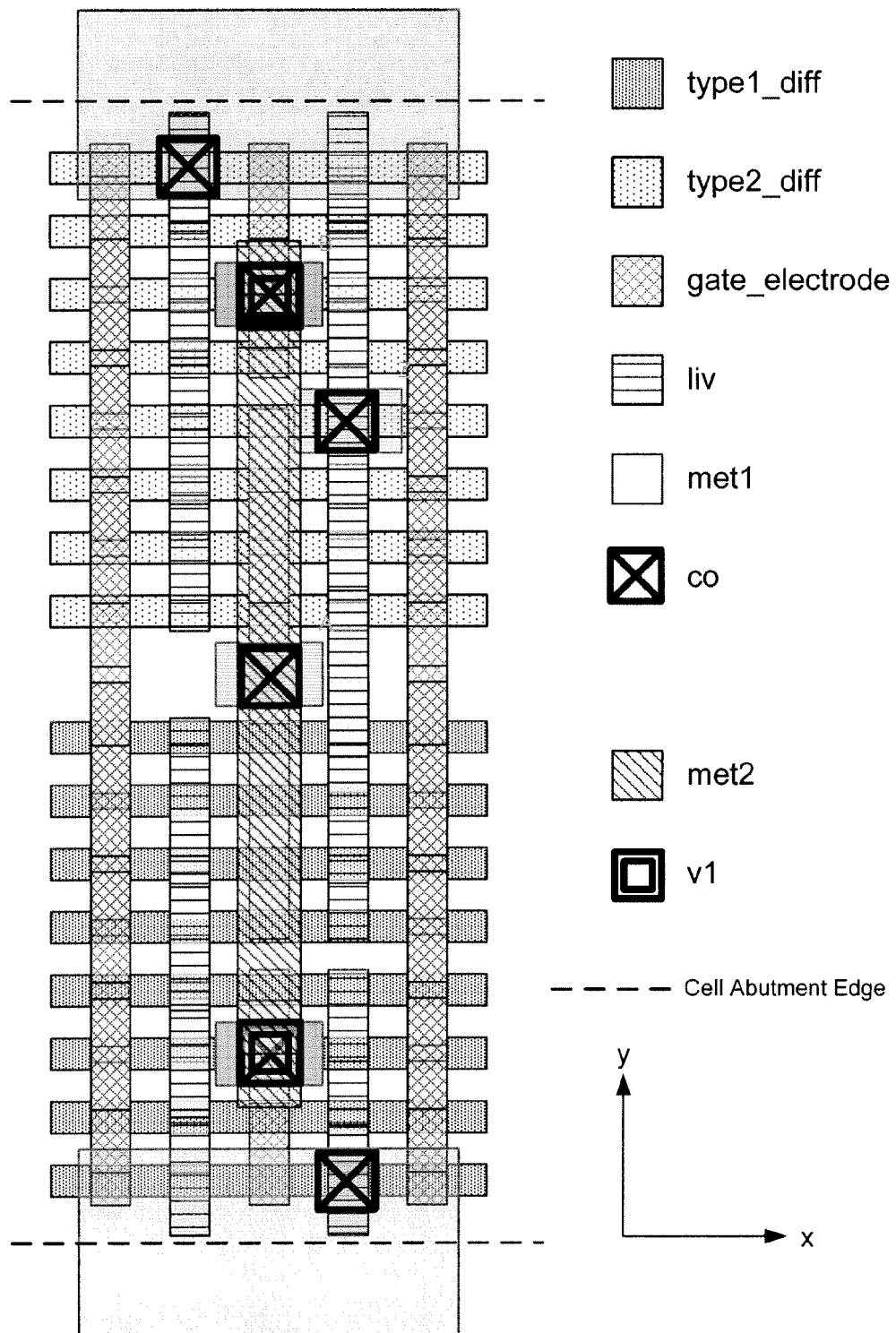


Fig. 24A

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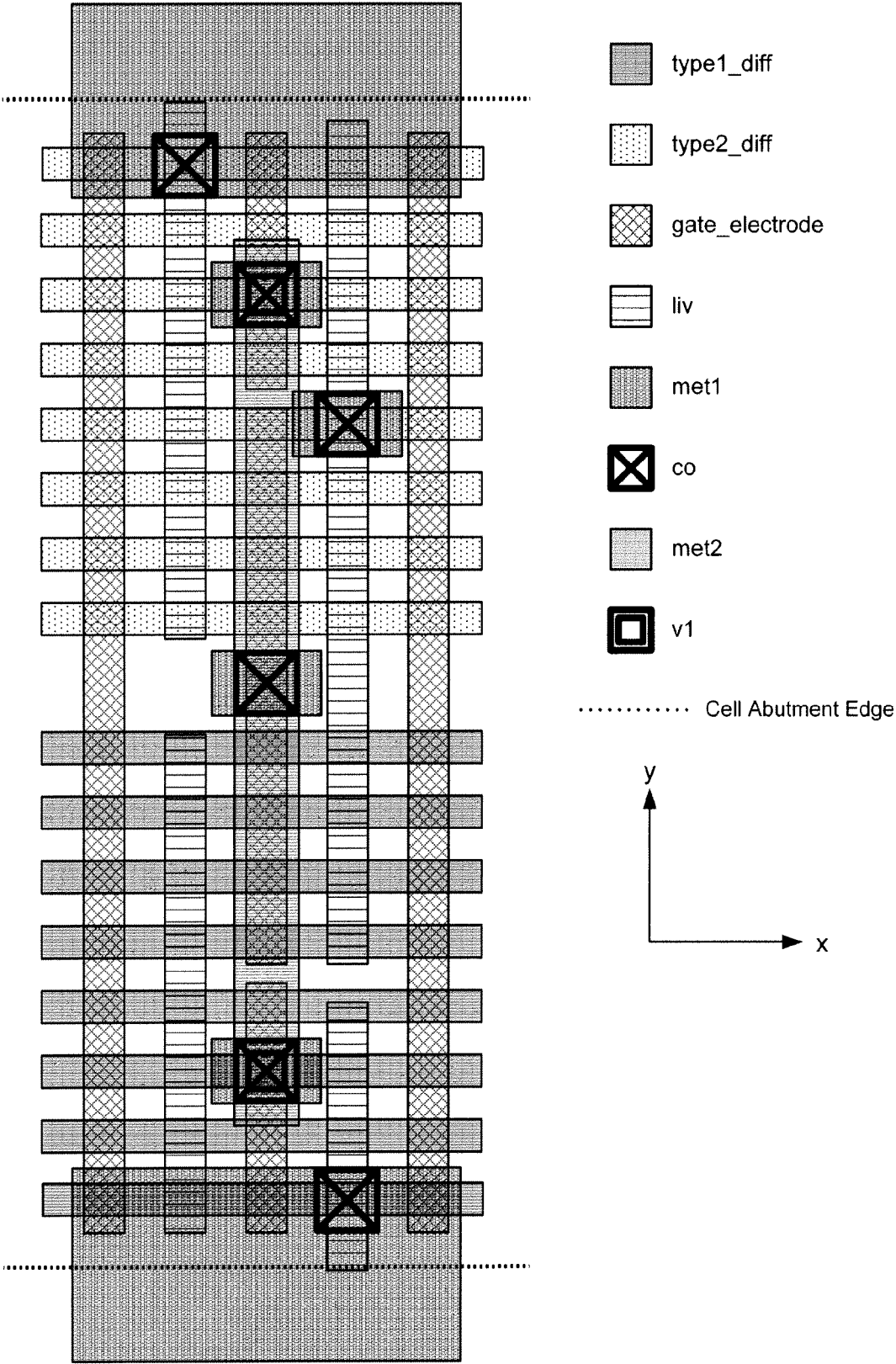


Fig. 24B

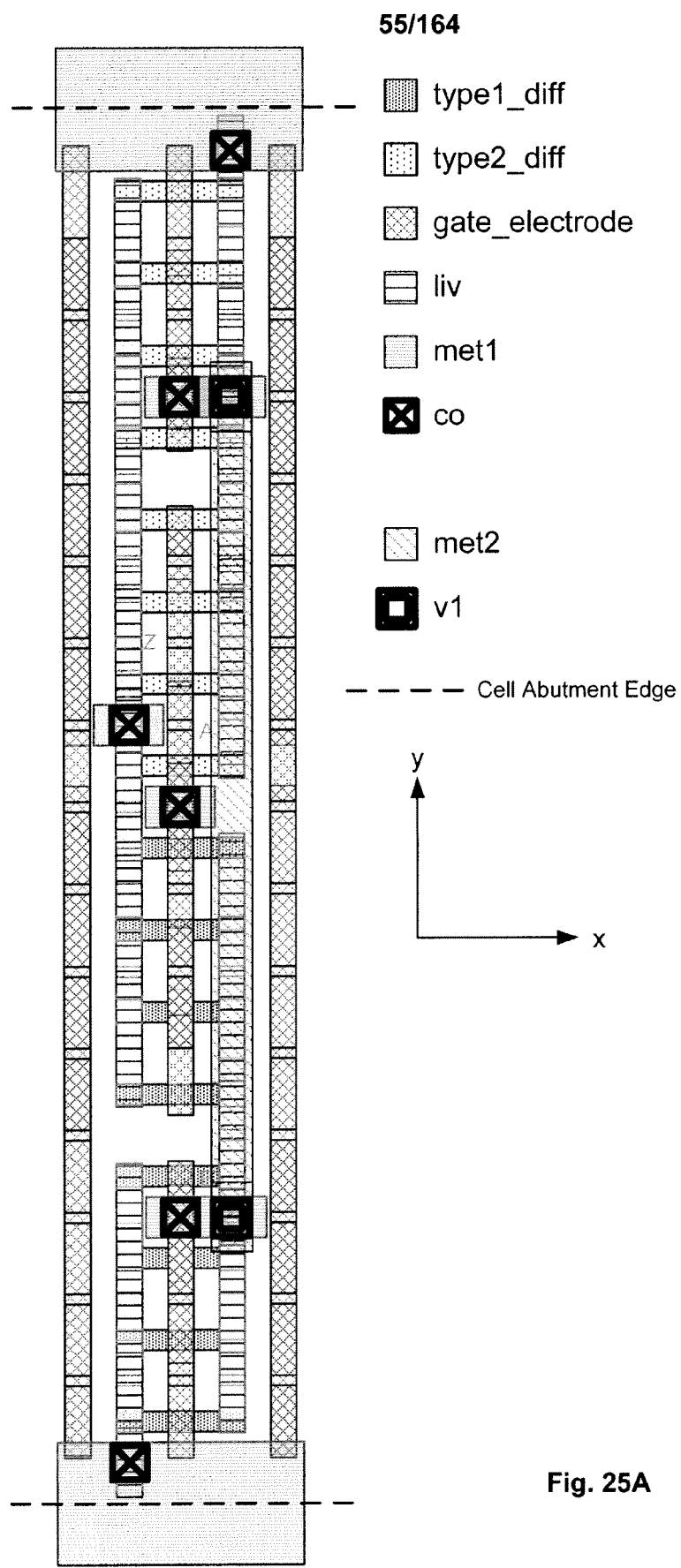


Fig. 25A

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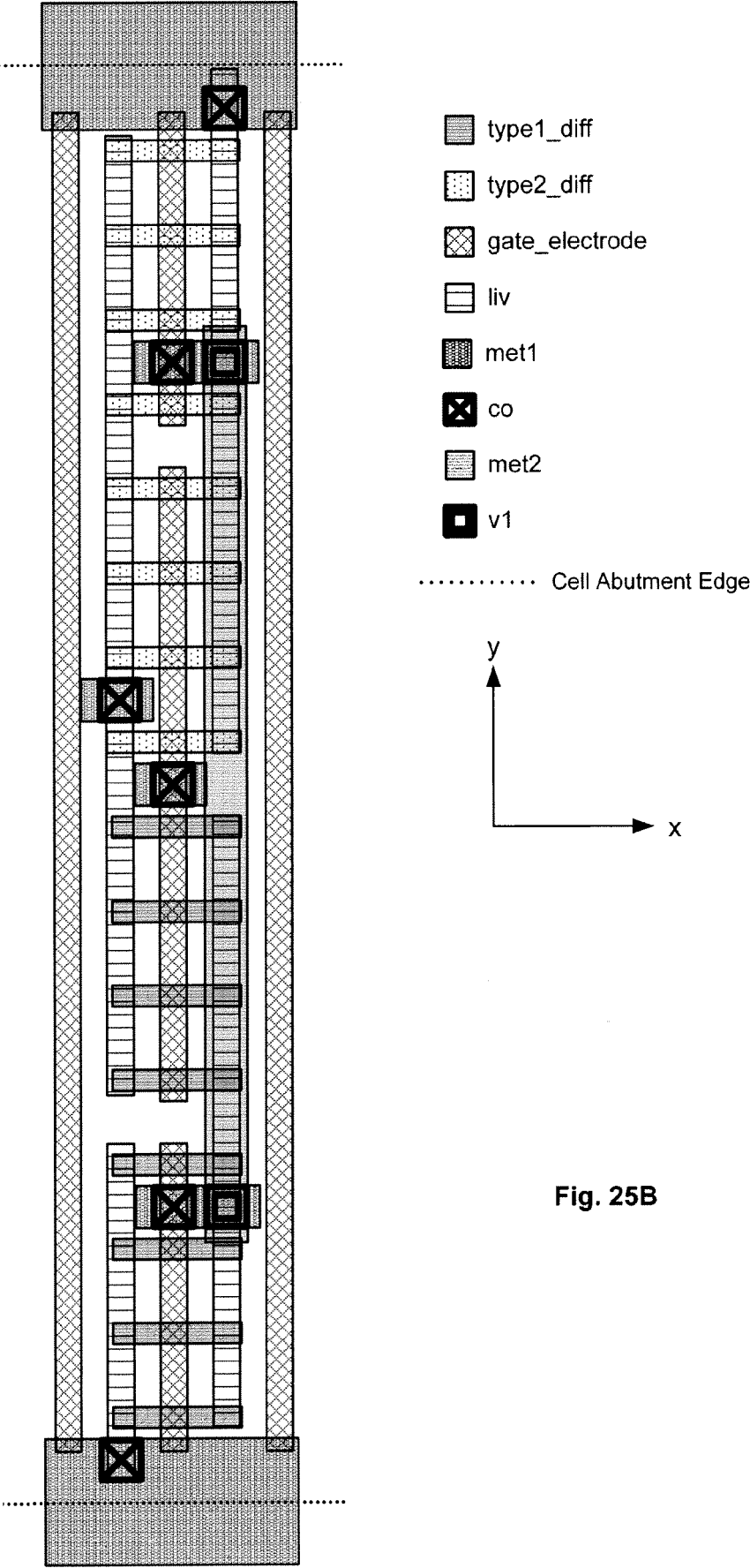


Fig. 25B

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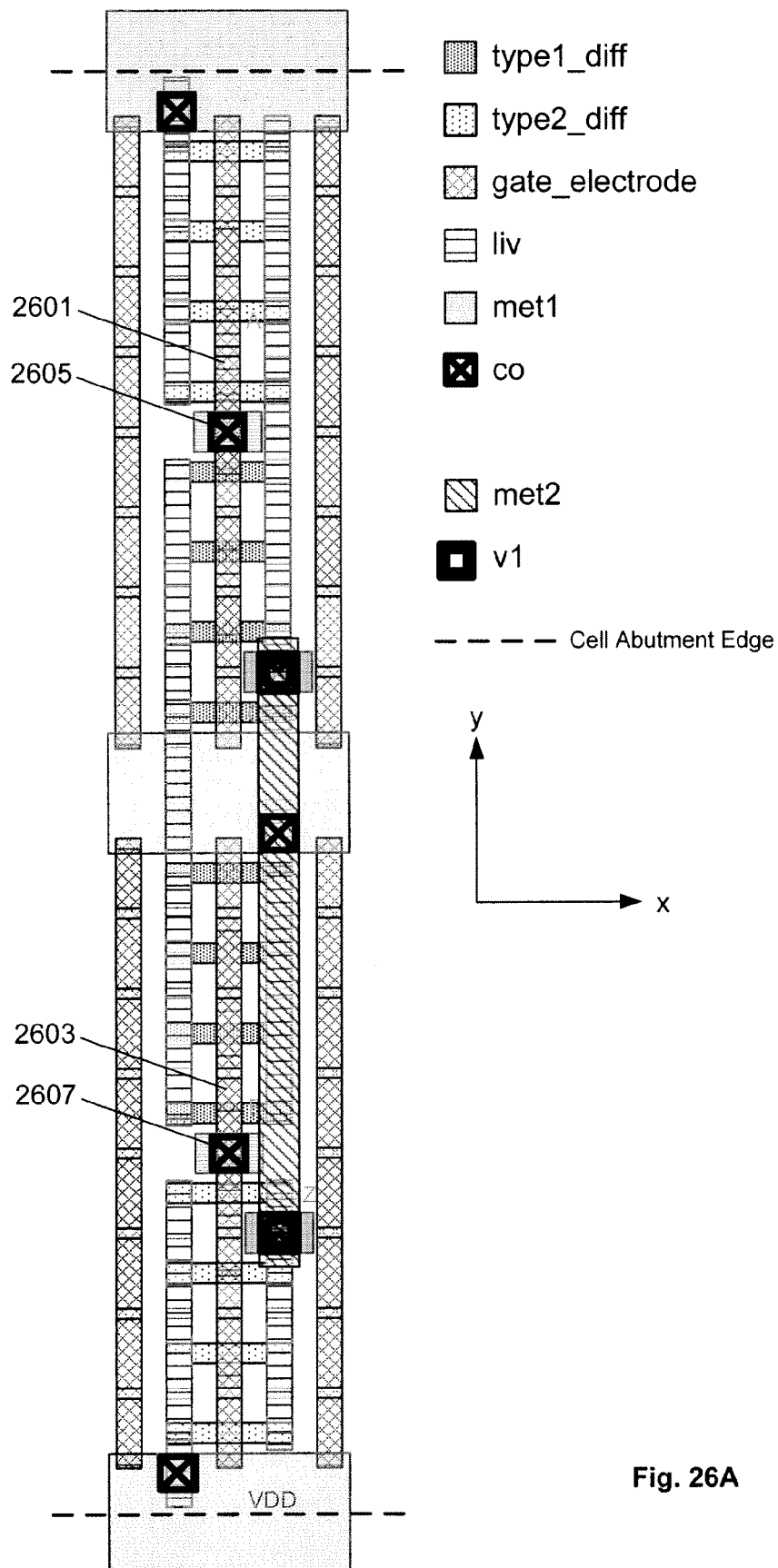


Fig. 26A

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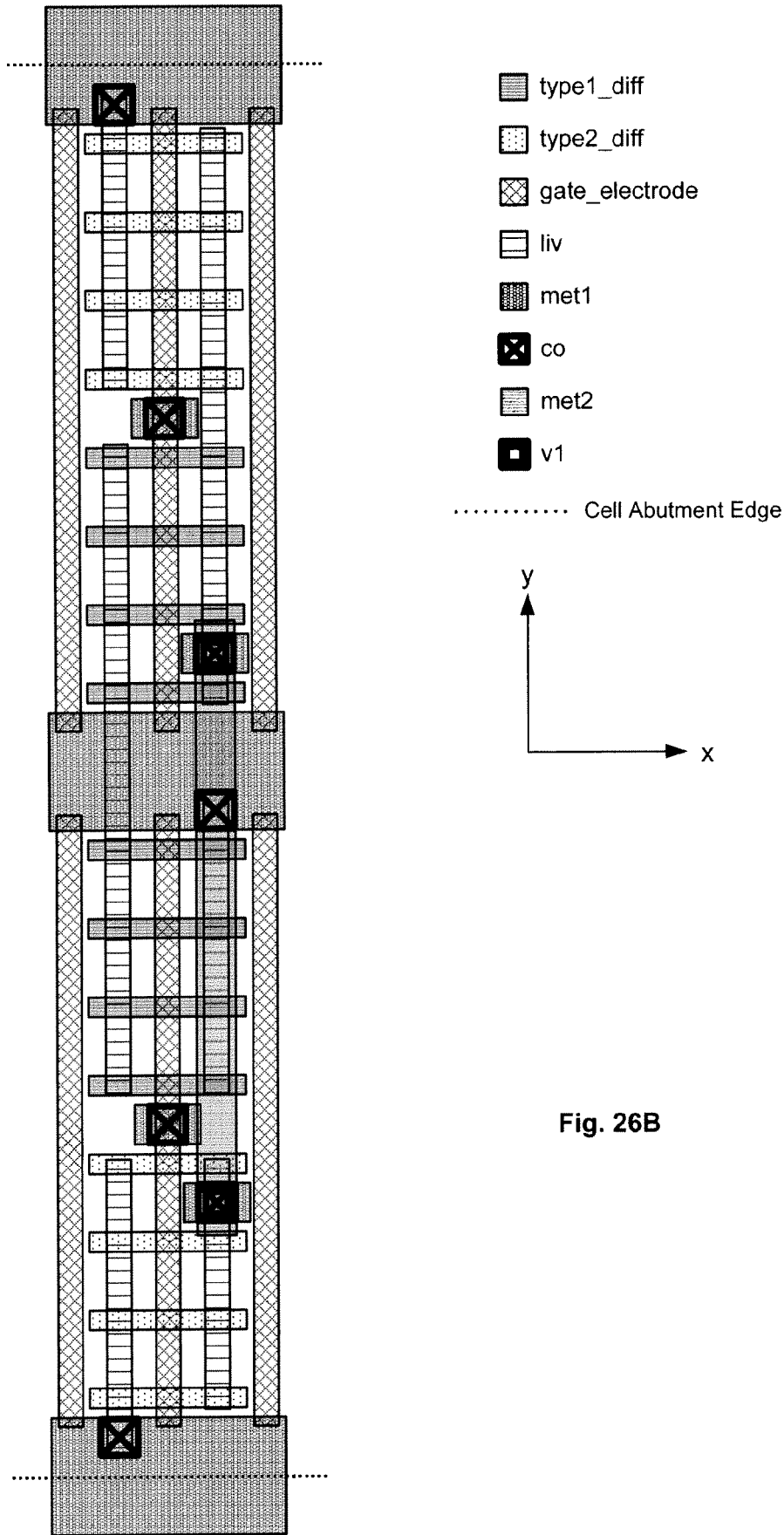


Fig. 26B

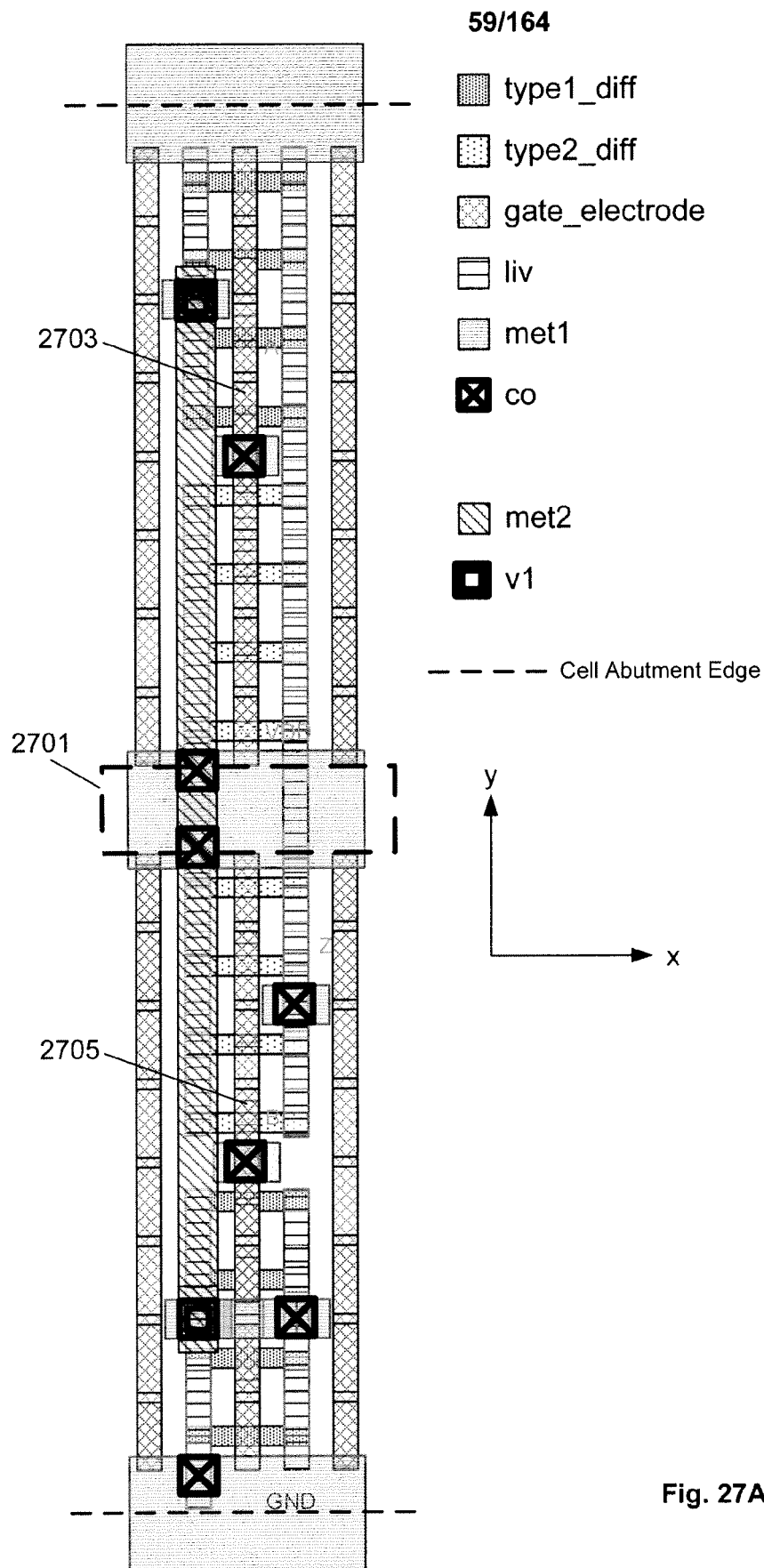


Fig. 27A

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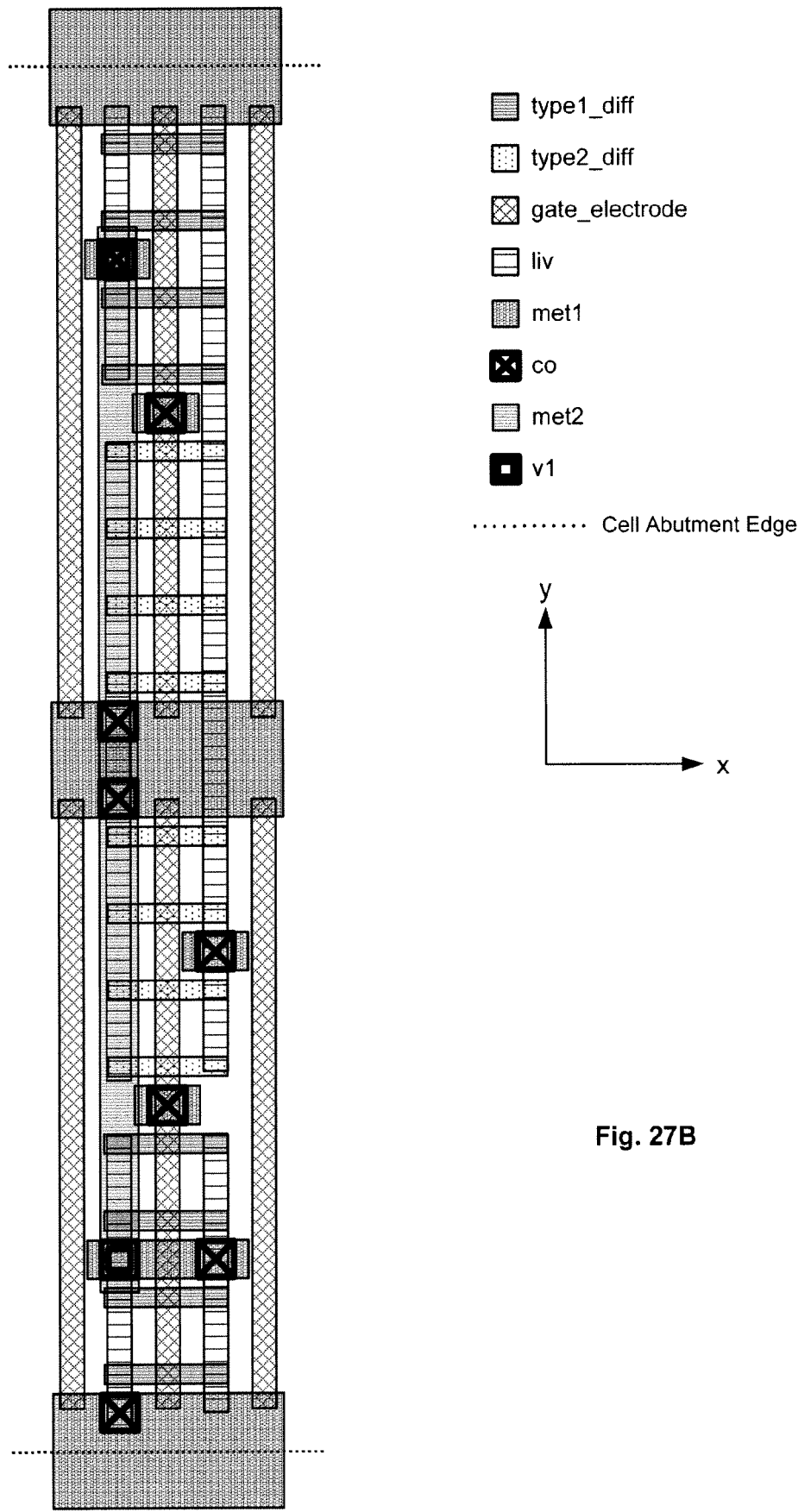


Fig. 27B

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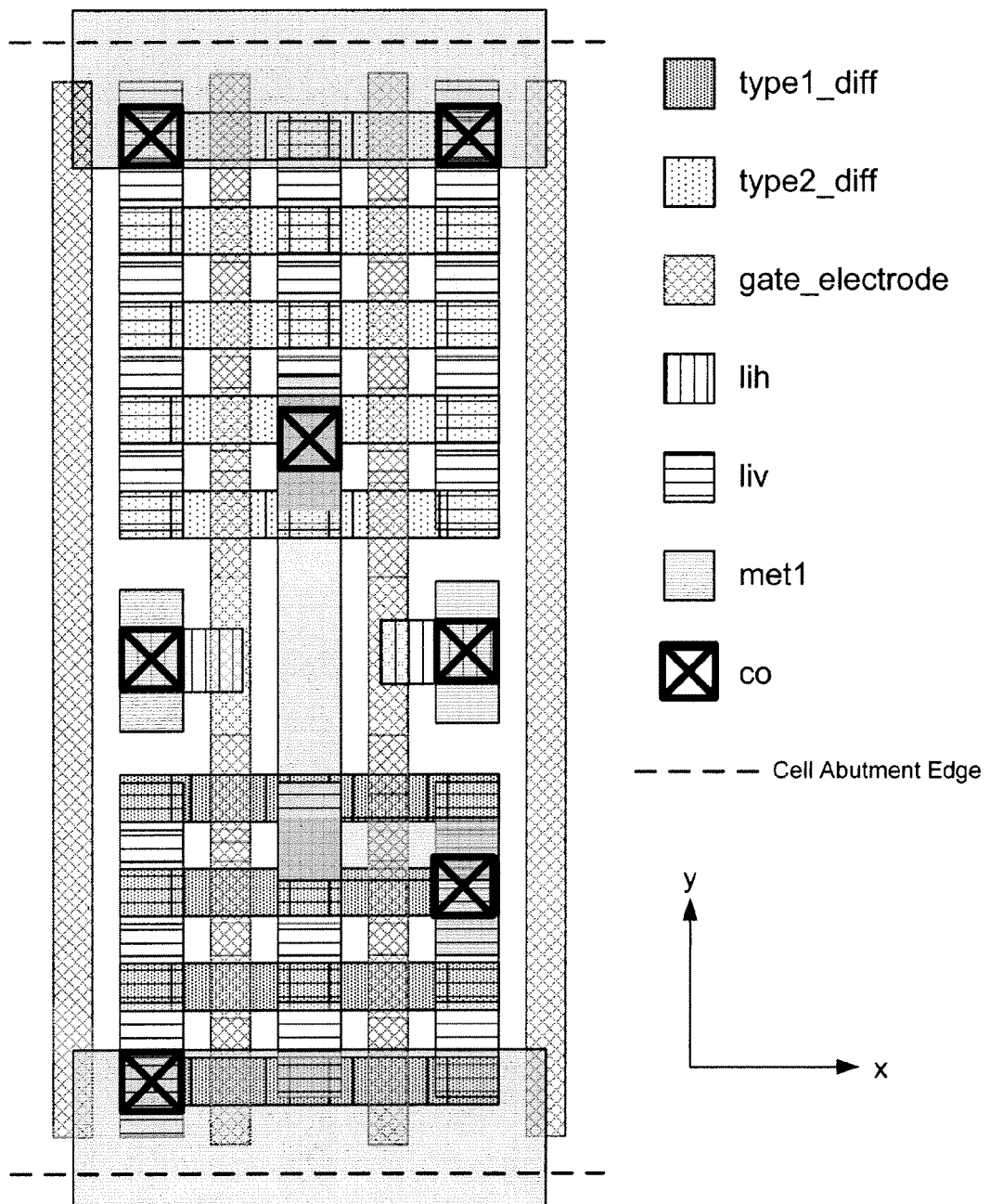


Fig. 28A

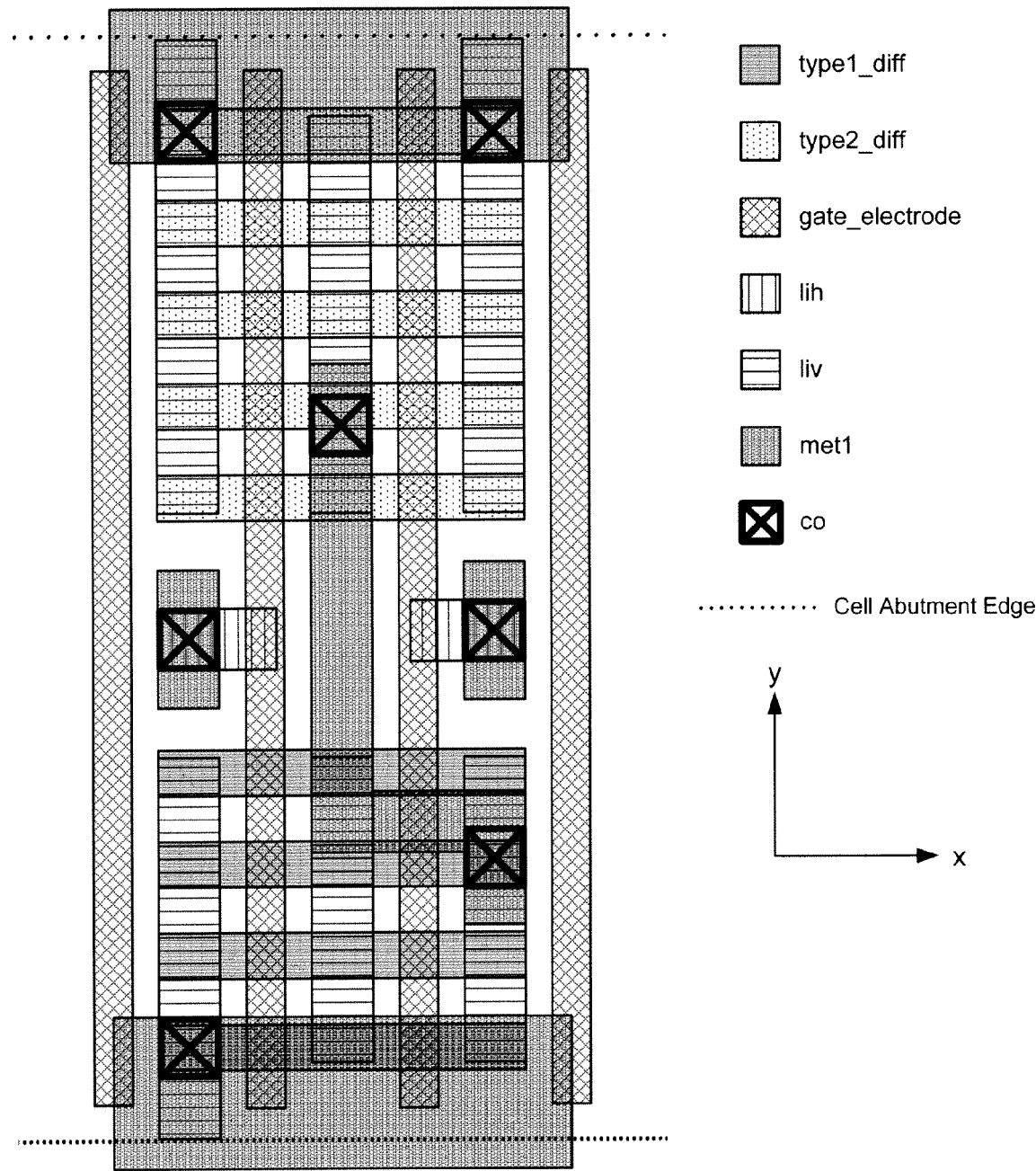


Fig. 28B

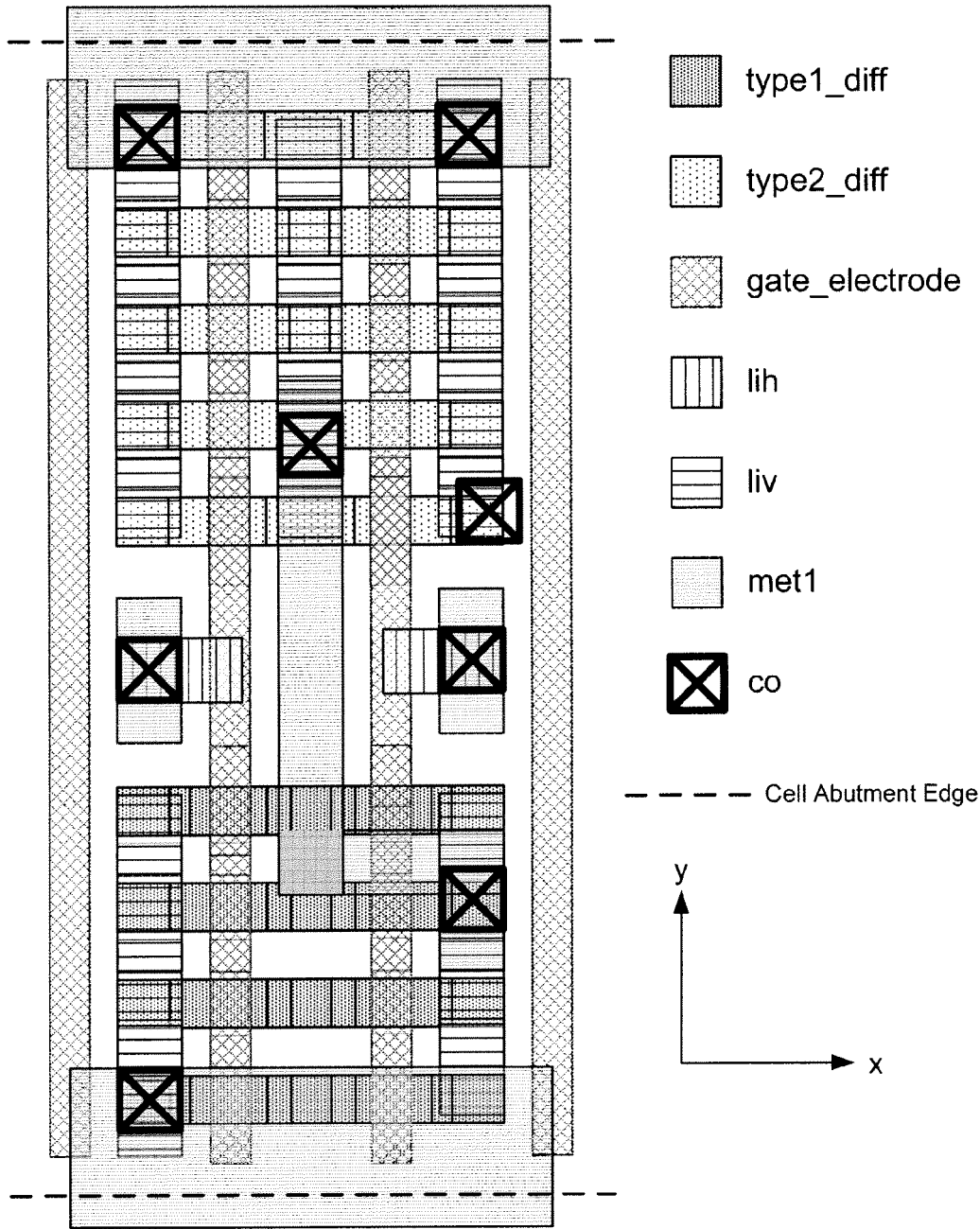


Fig. 29A

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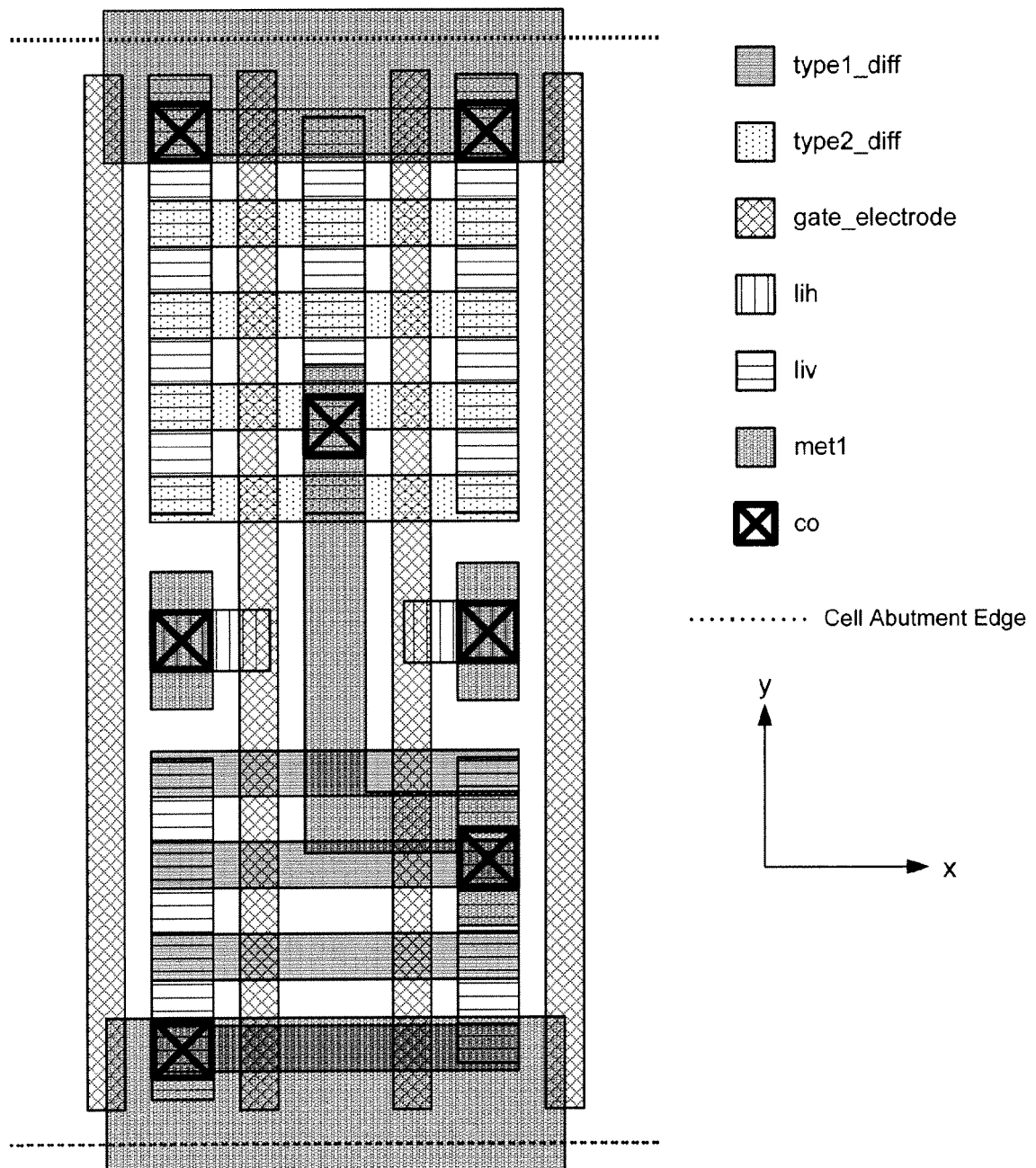


Fig. 29B

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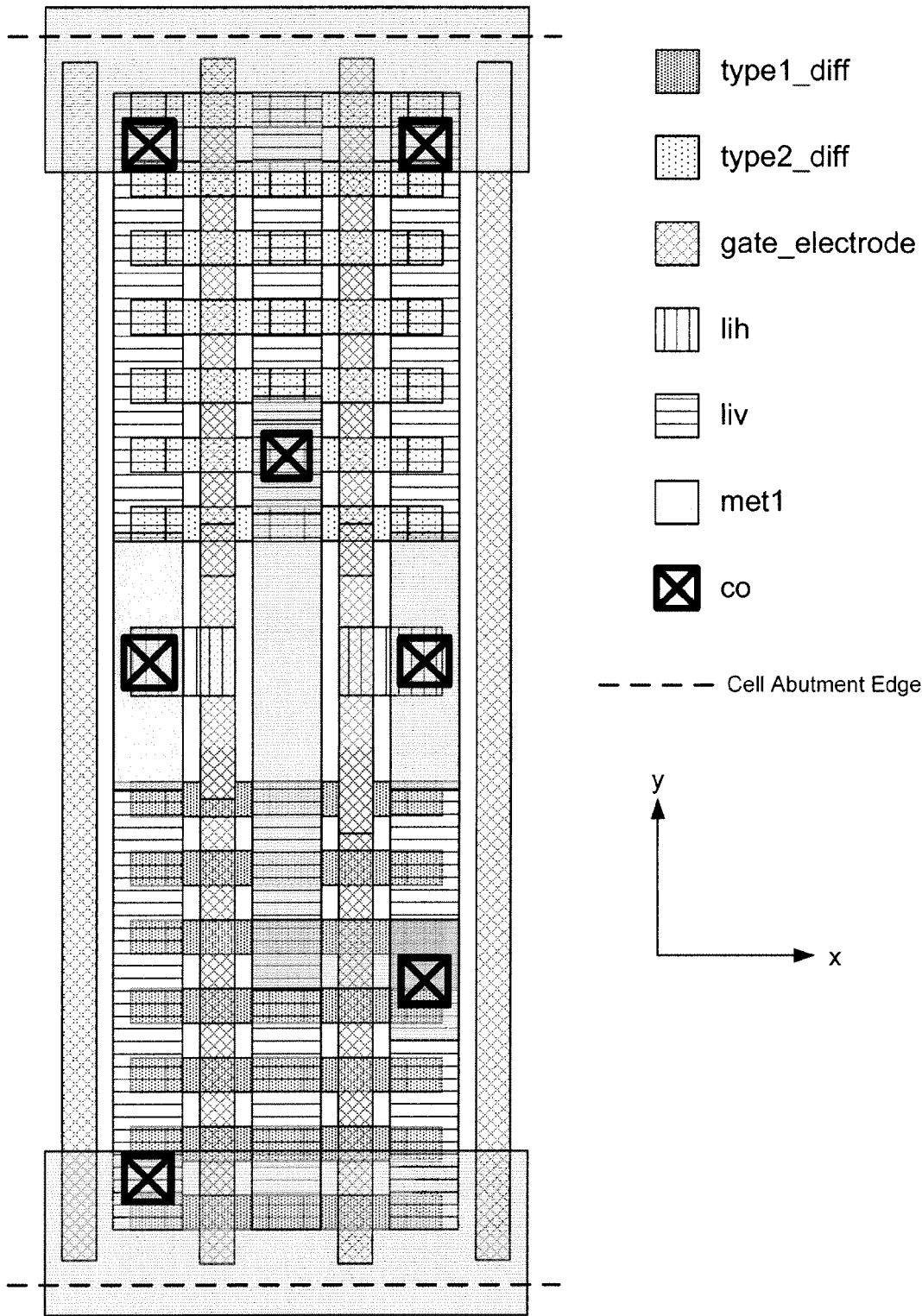


Fig. 30A

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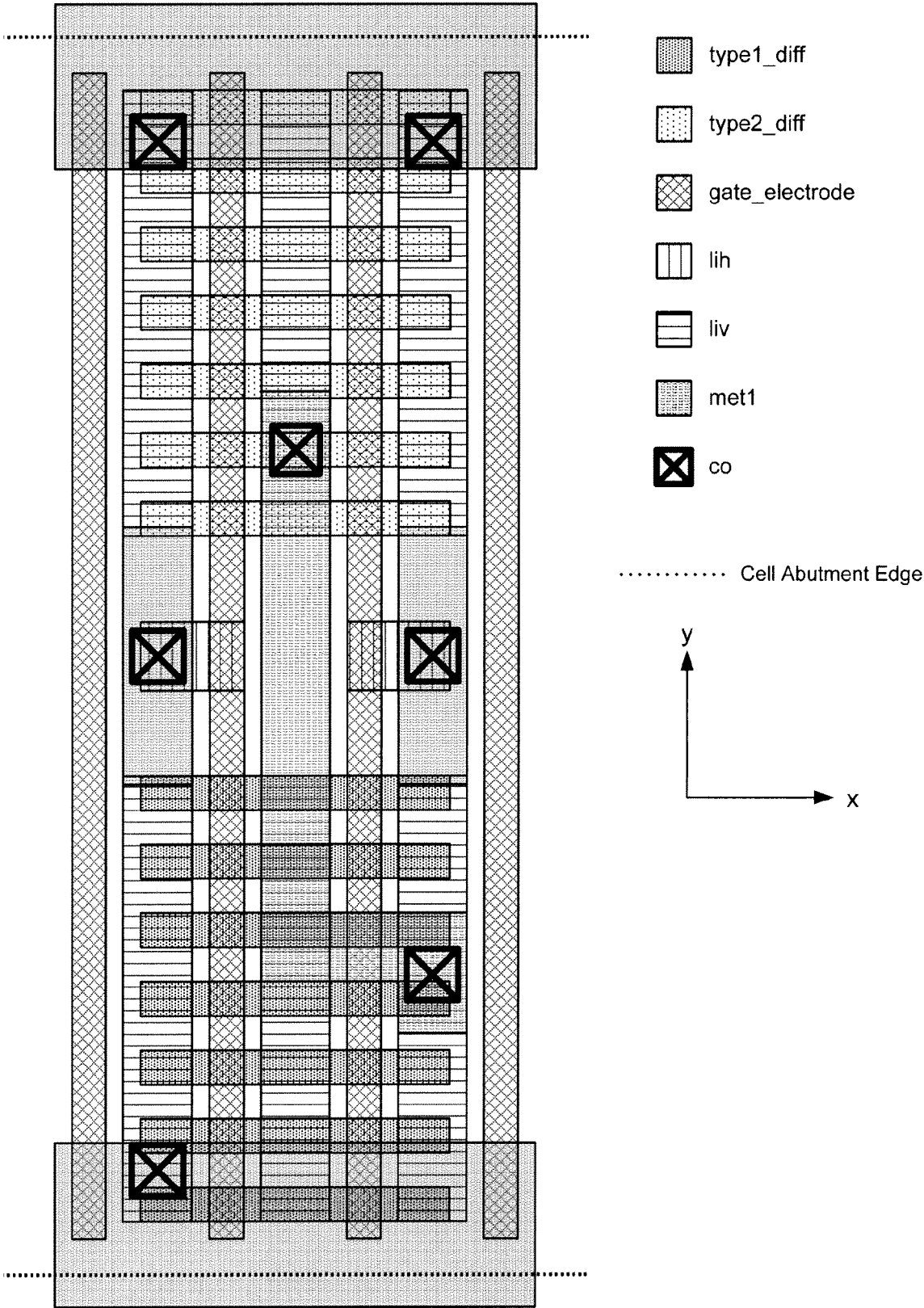


Fig. 30B

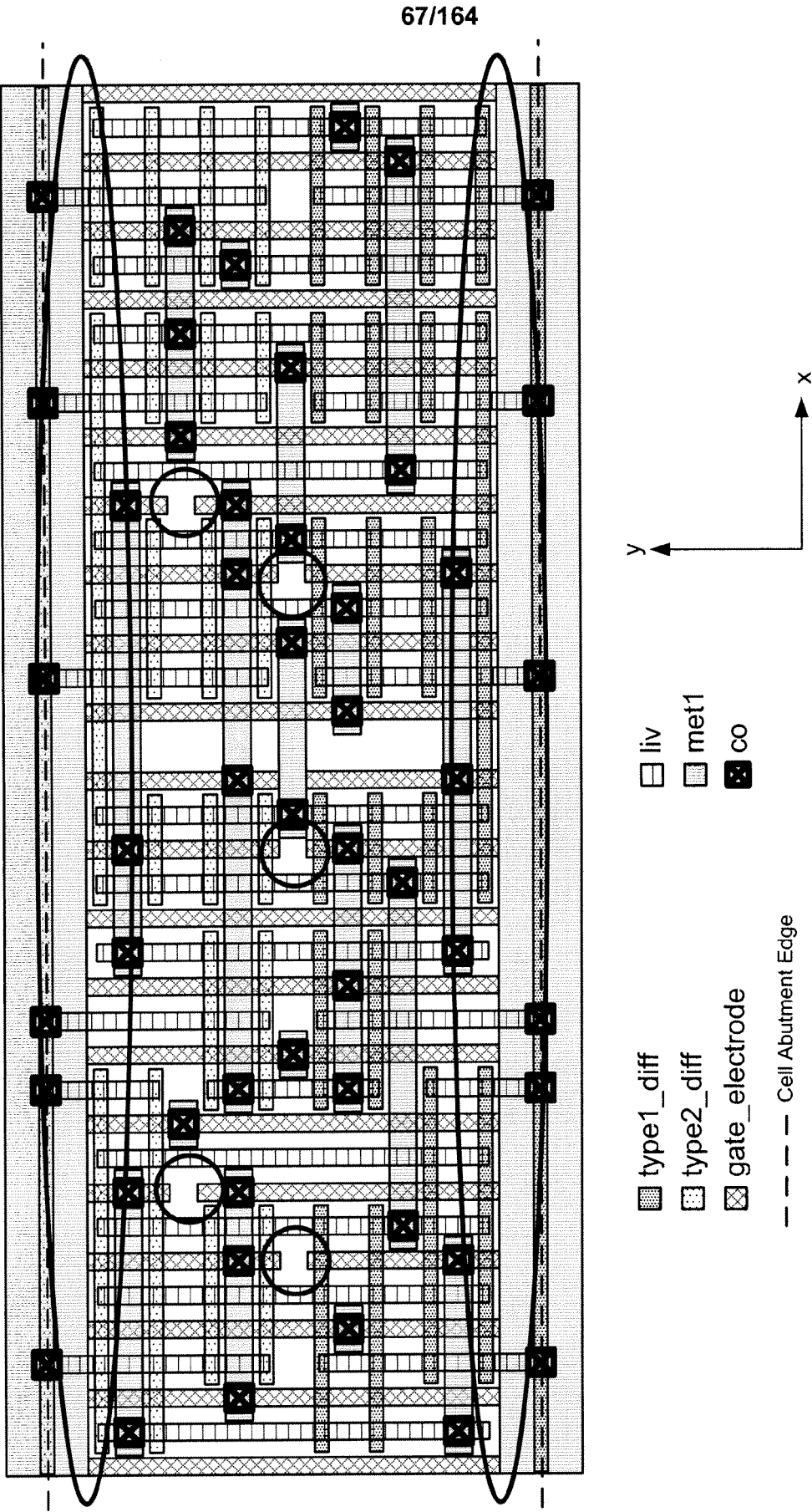


Fig. 31A

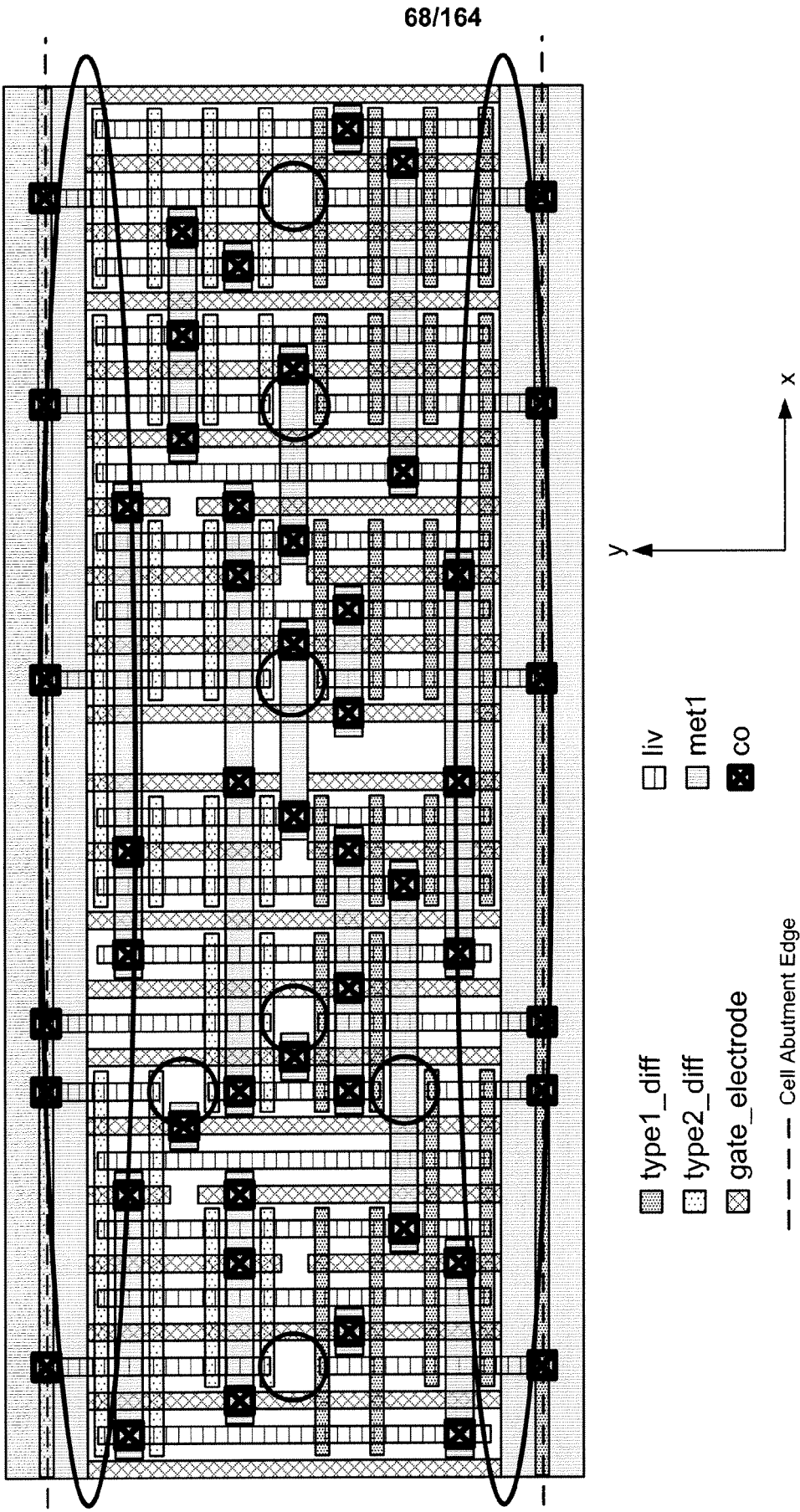


Fig. 31B

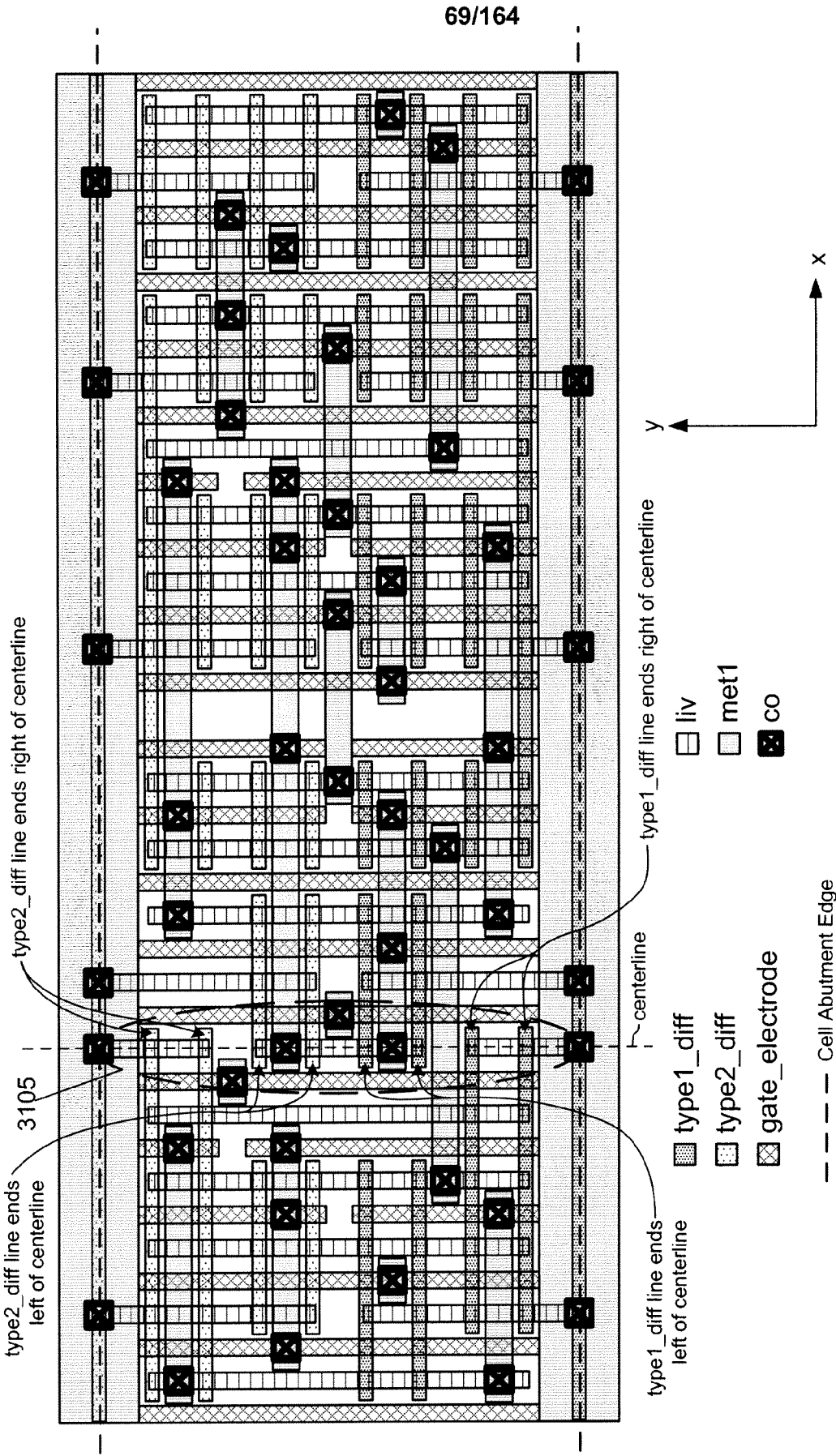
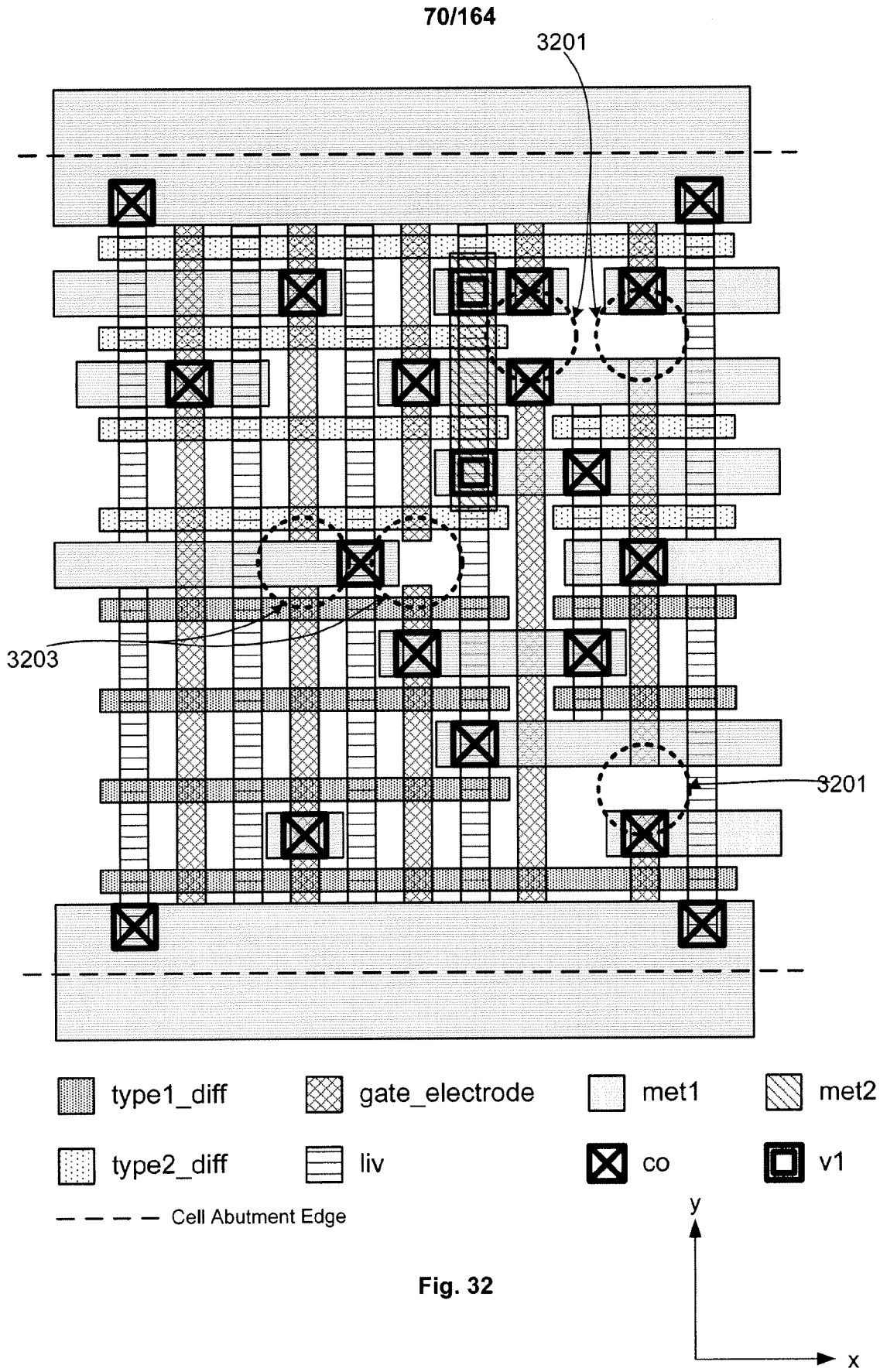


Fig. 31C



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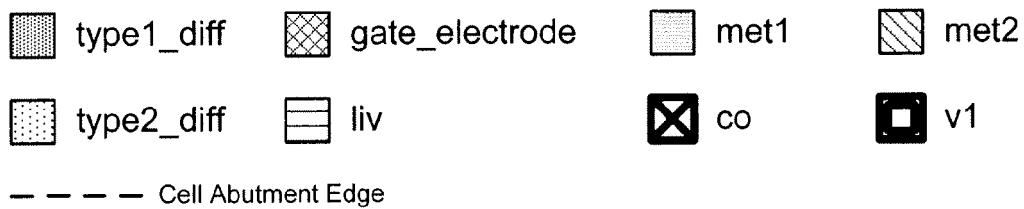
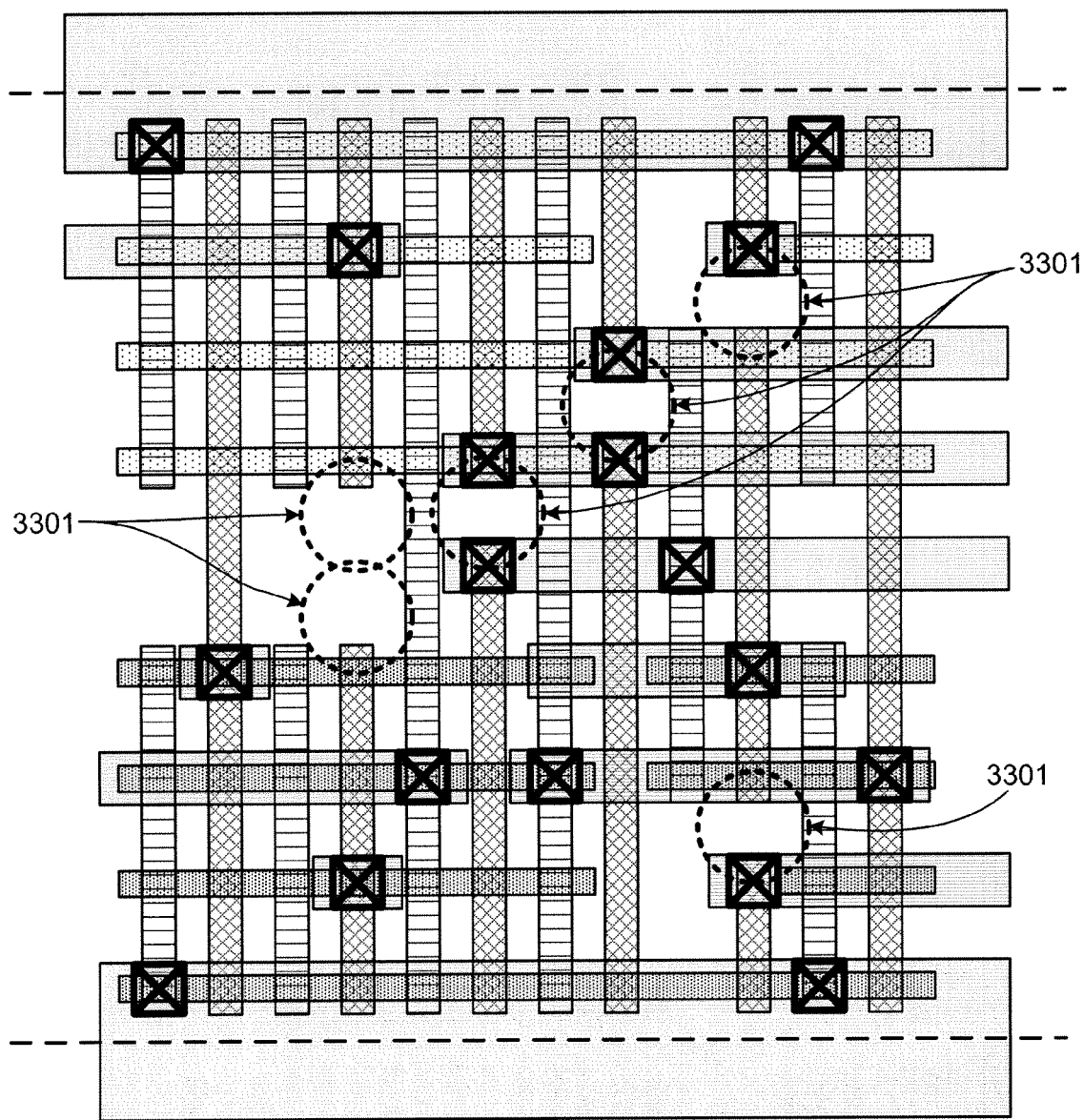
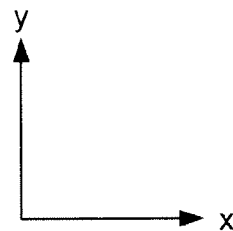
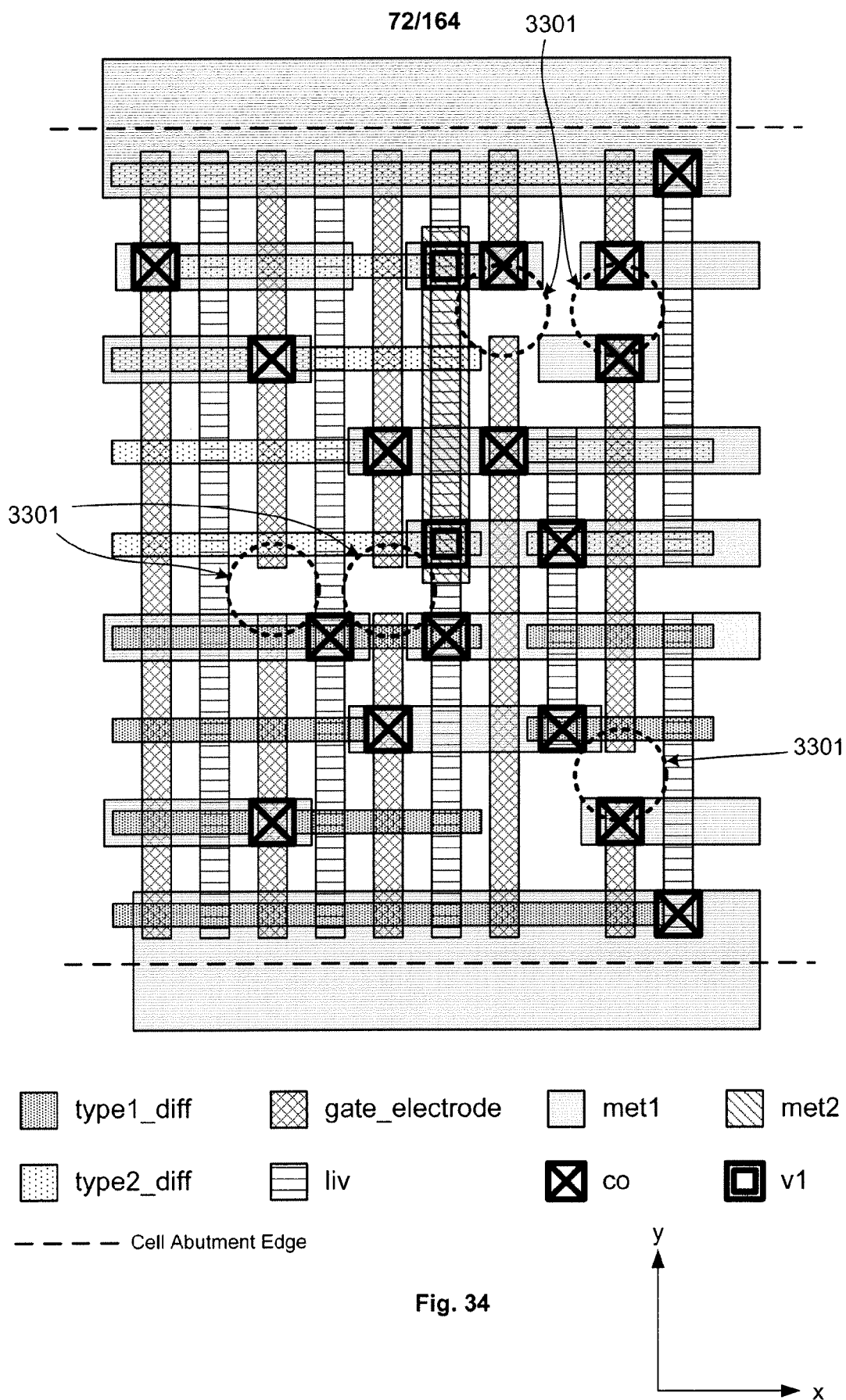


Fig. 33





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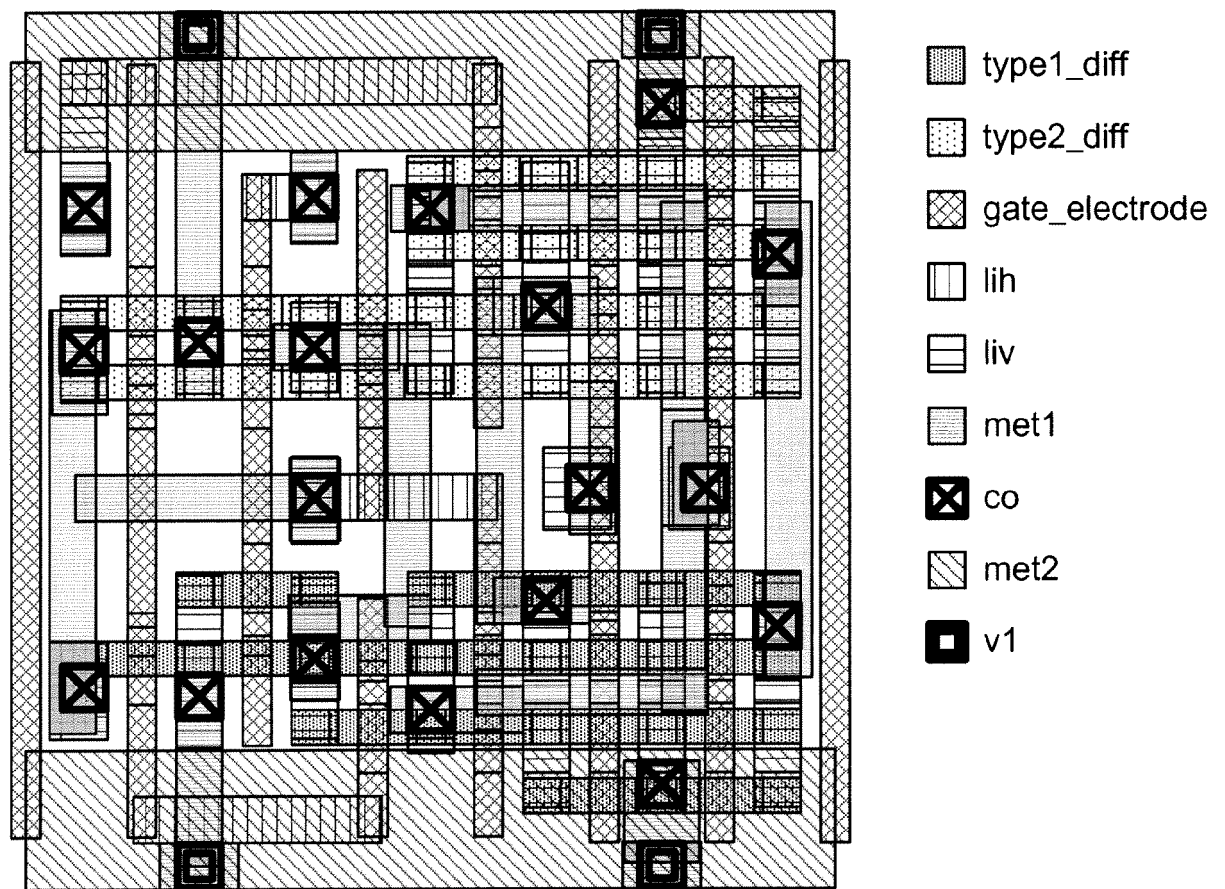


Fig. 35A

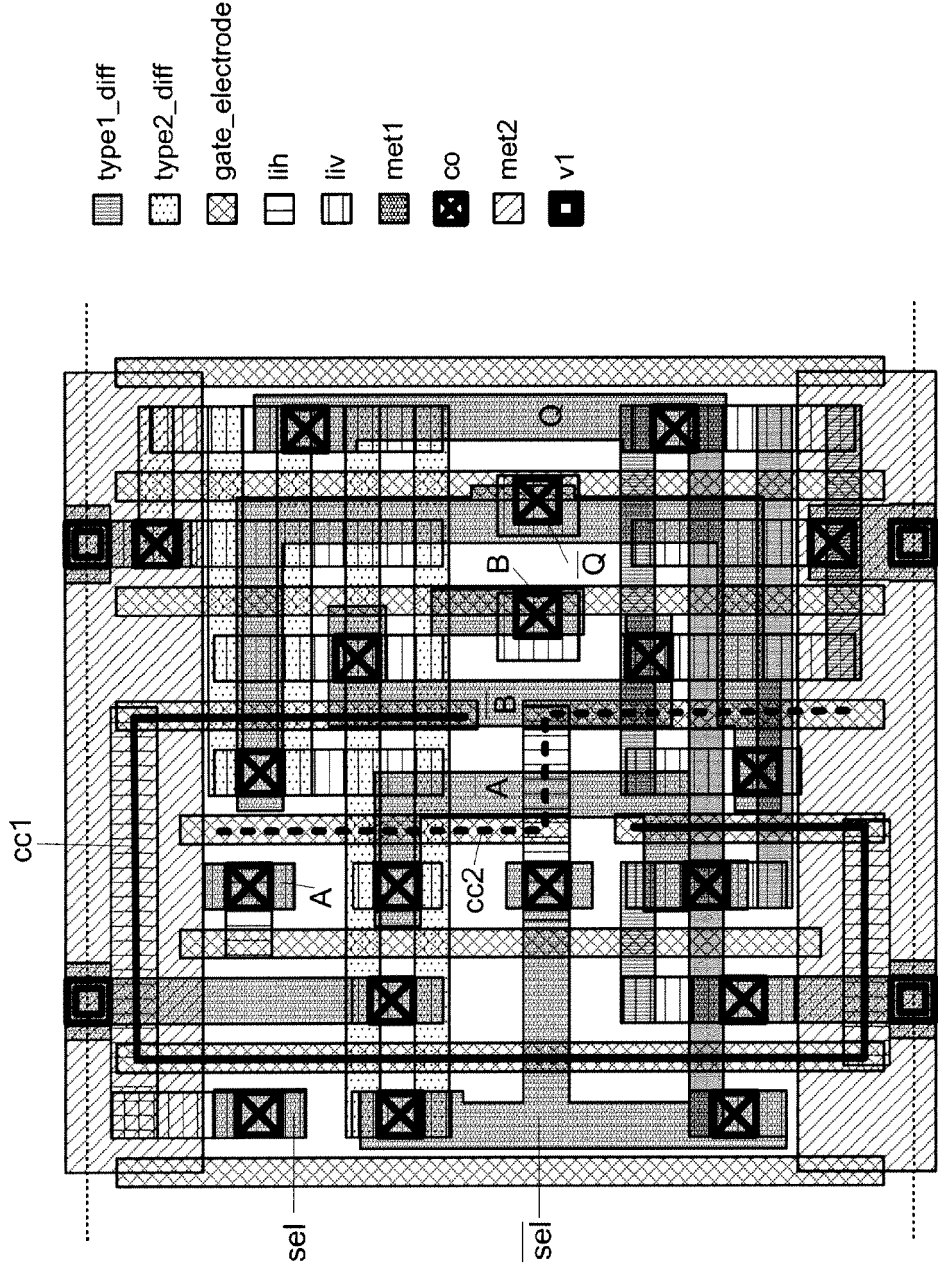


Fig. 35B

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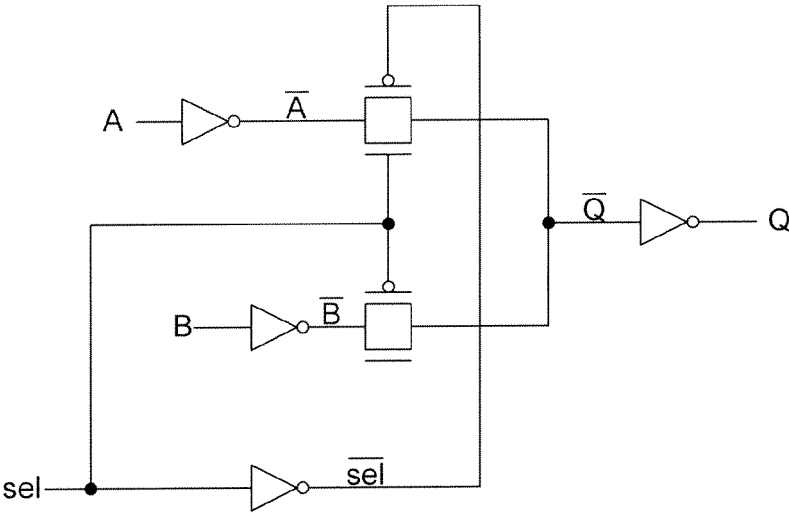


Fig. 35C

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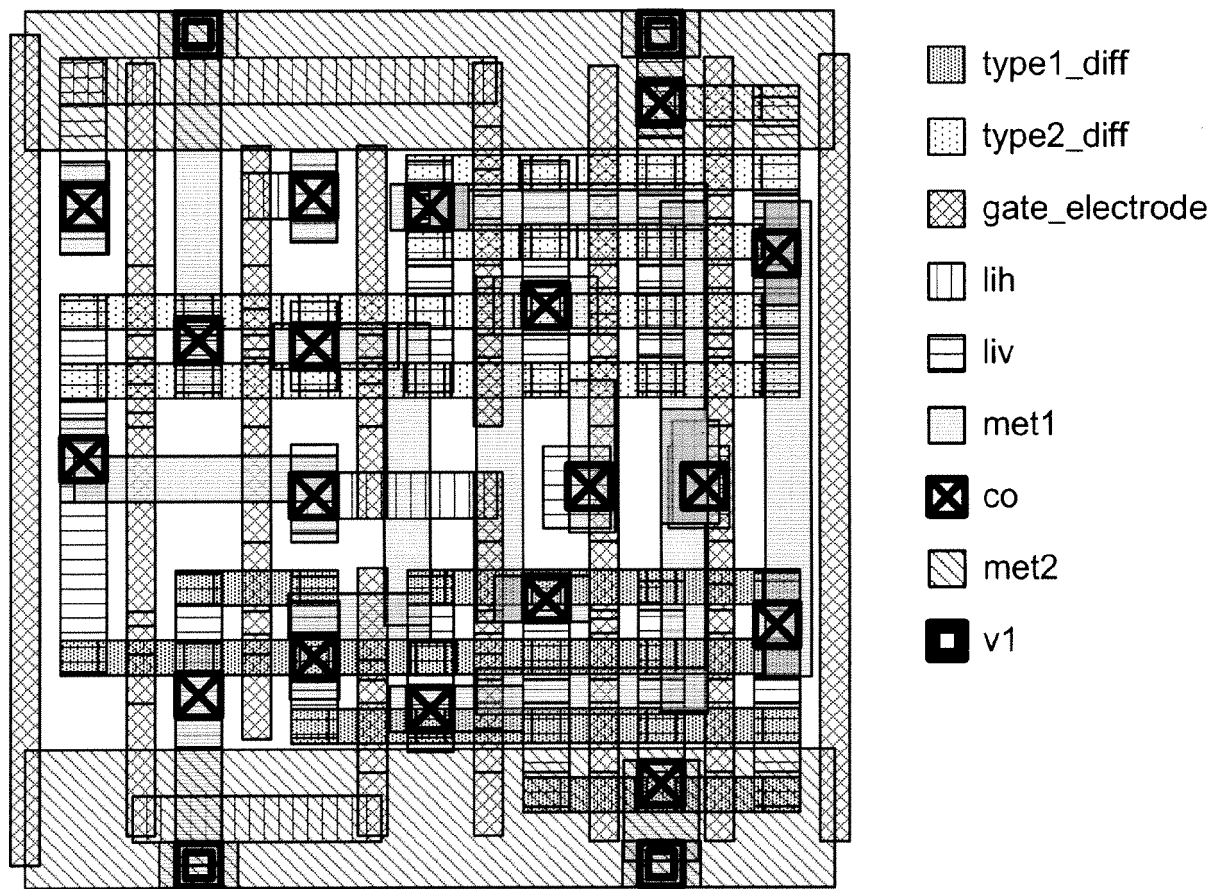


Fig. 36A

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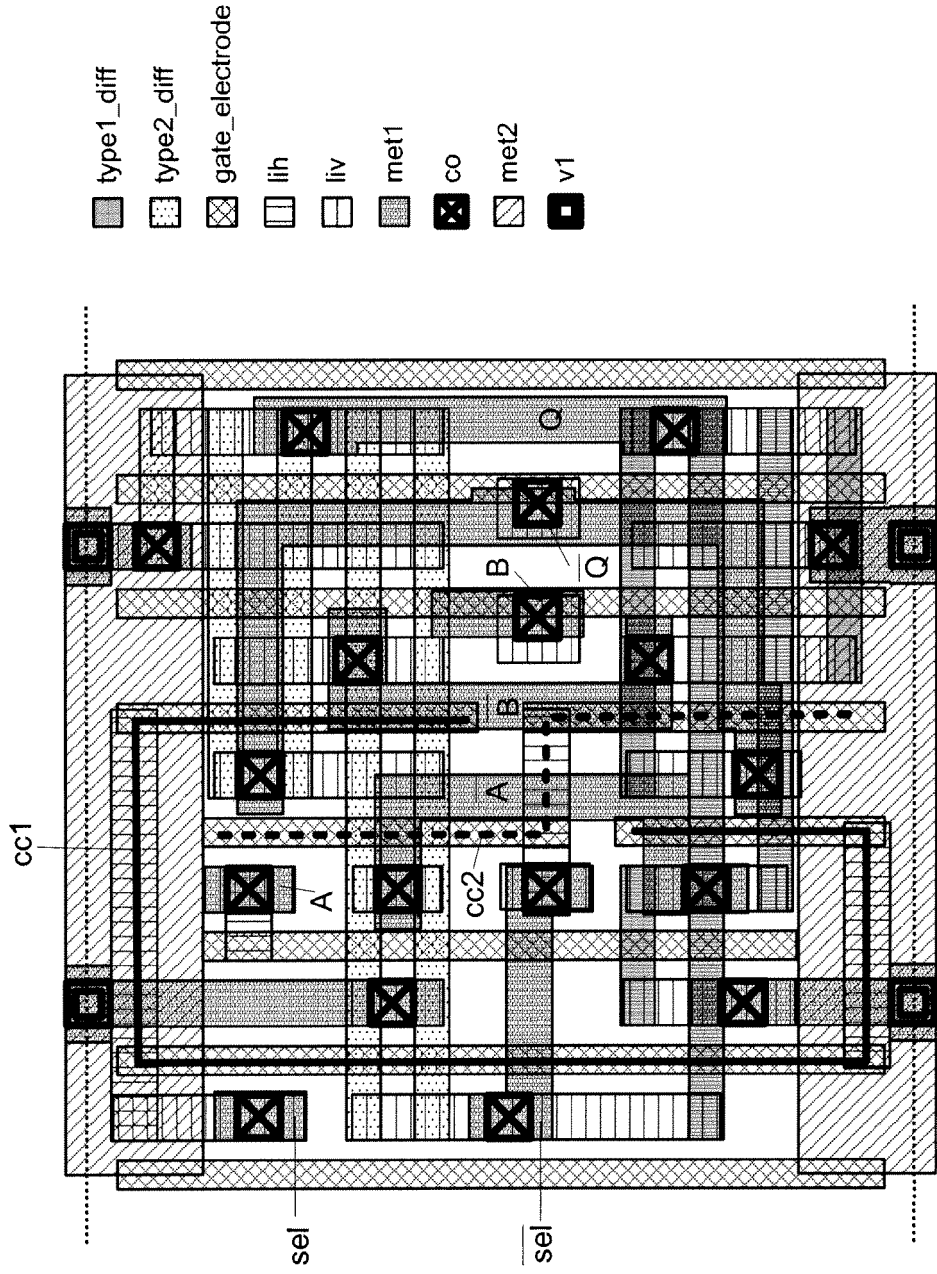


Fig. 36B

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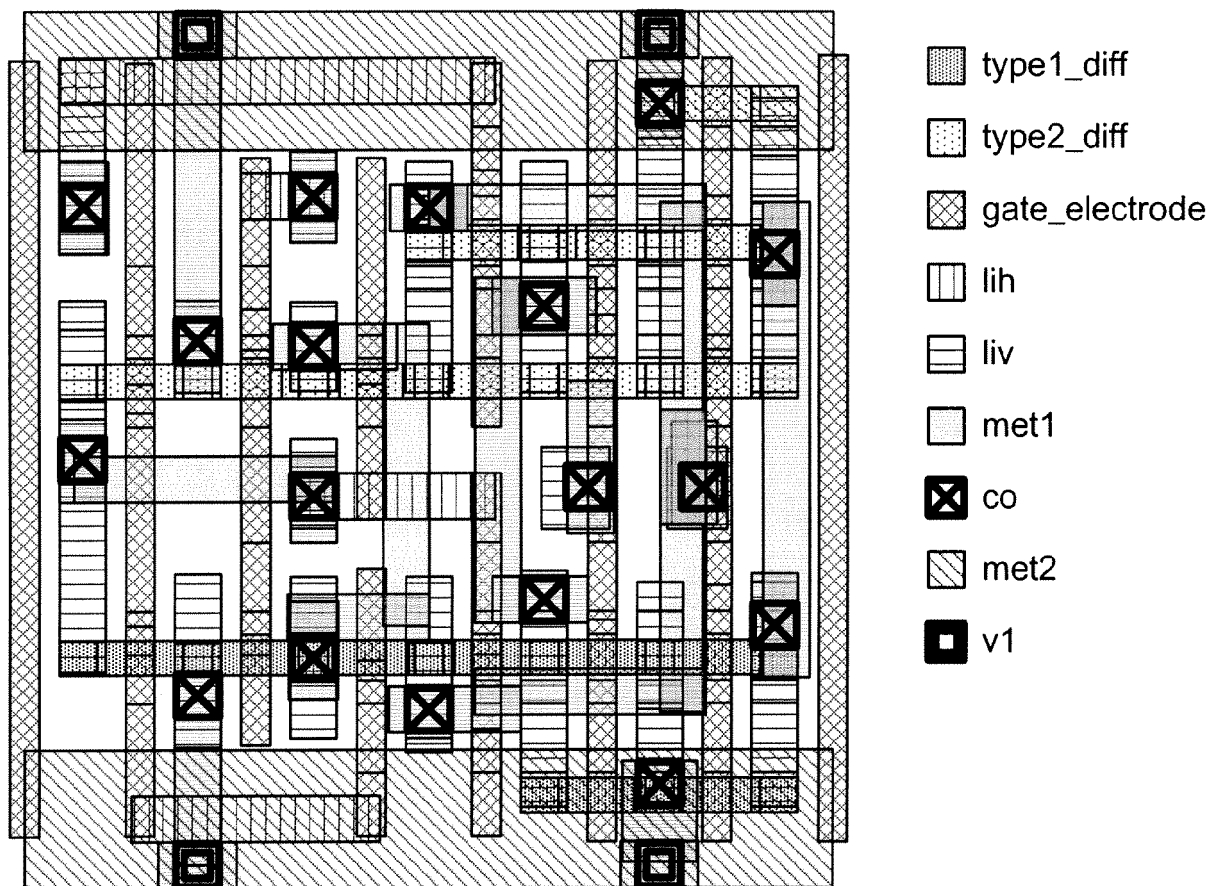


Fig. 37A

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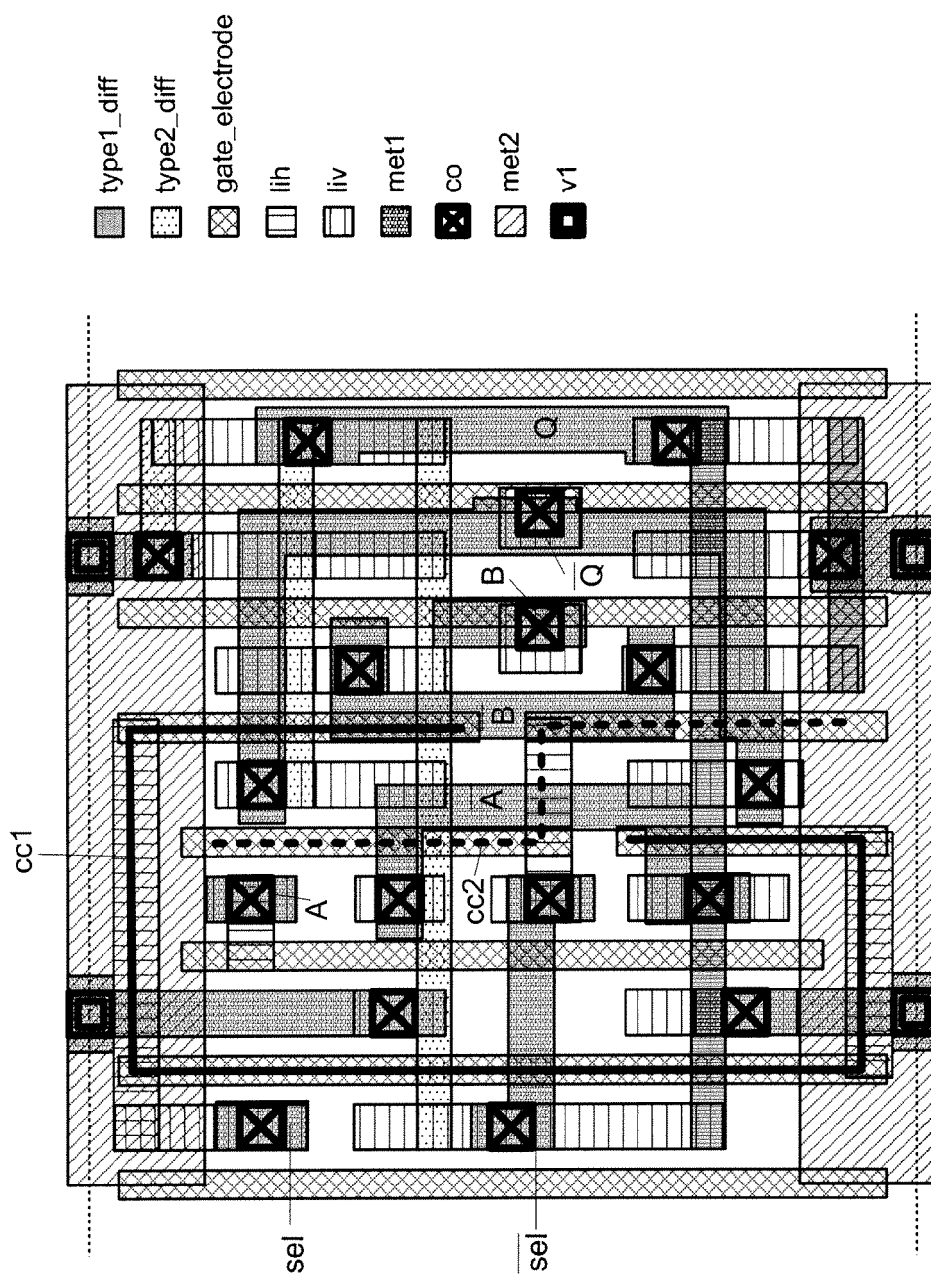


Fig. 37B

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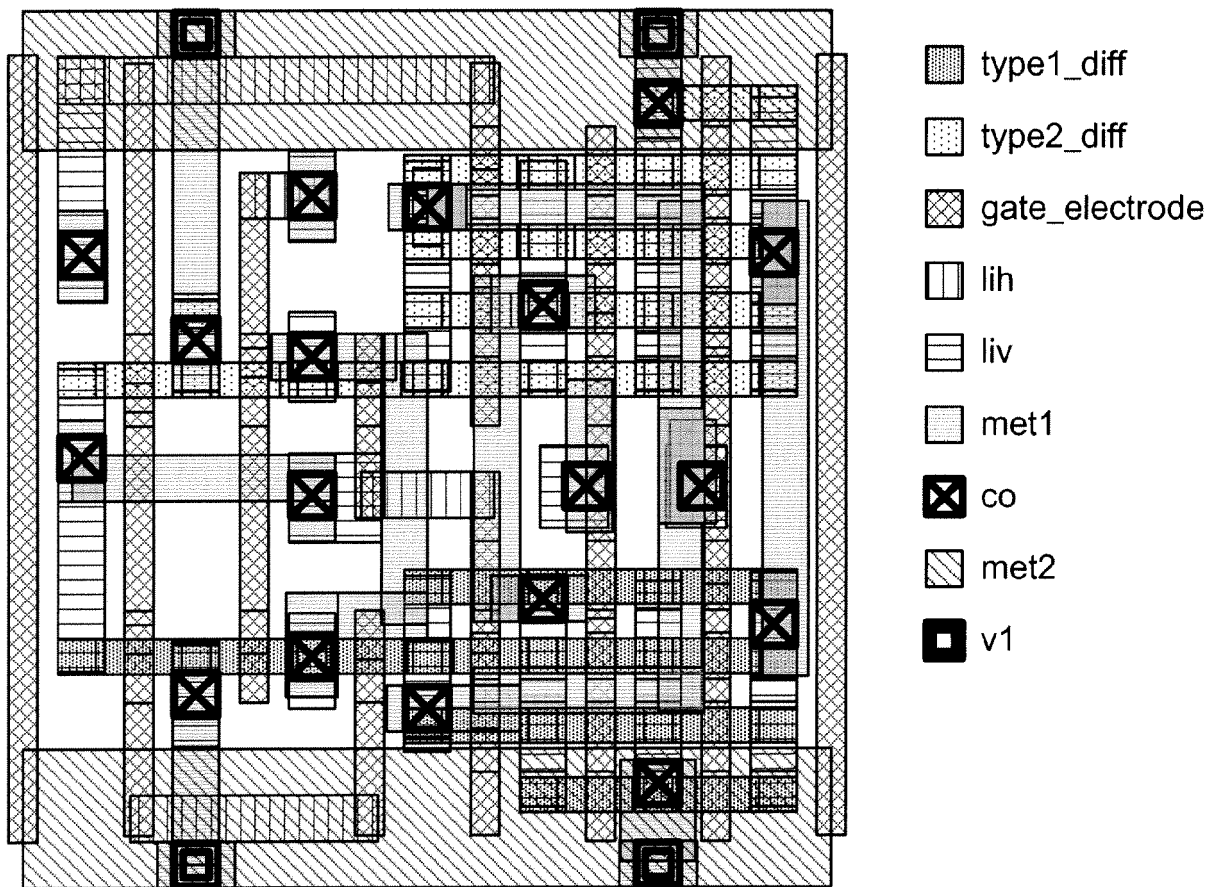


Fig. 38A

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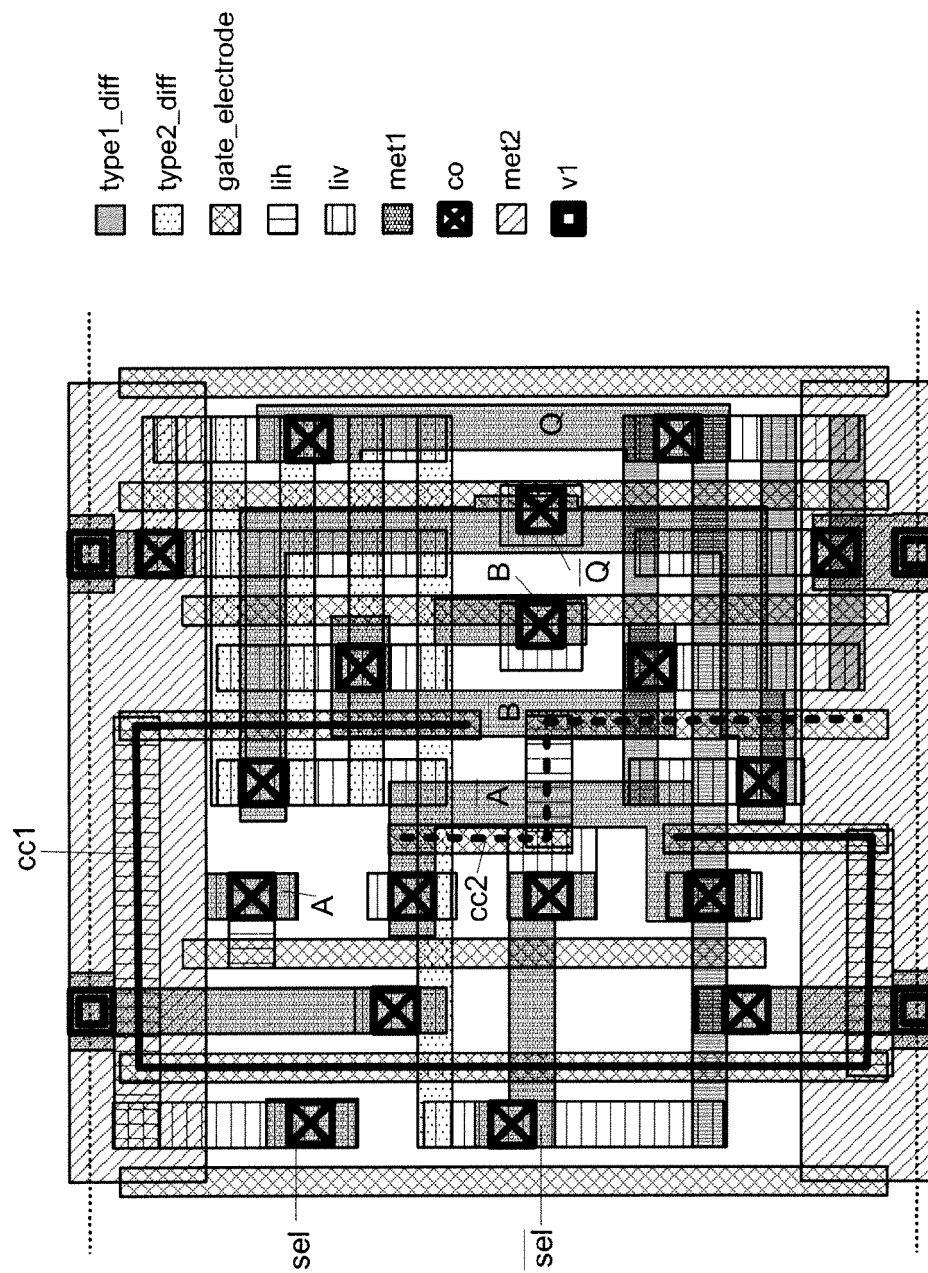


Fig. 38B

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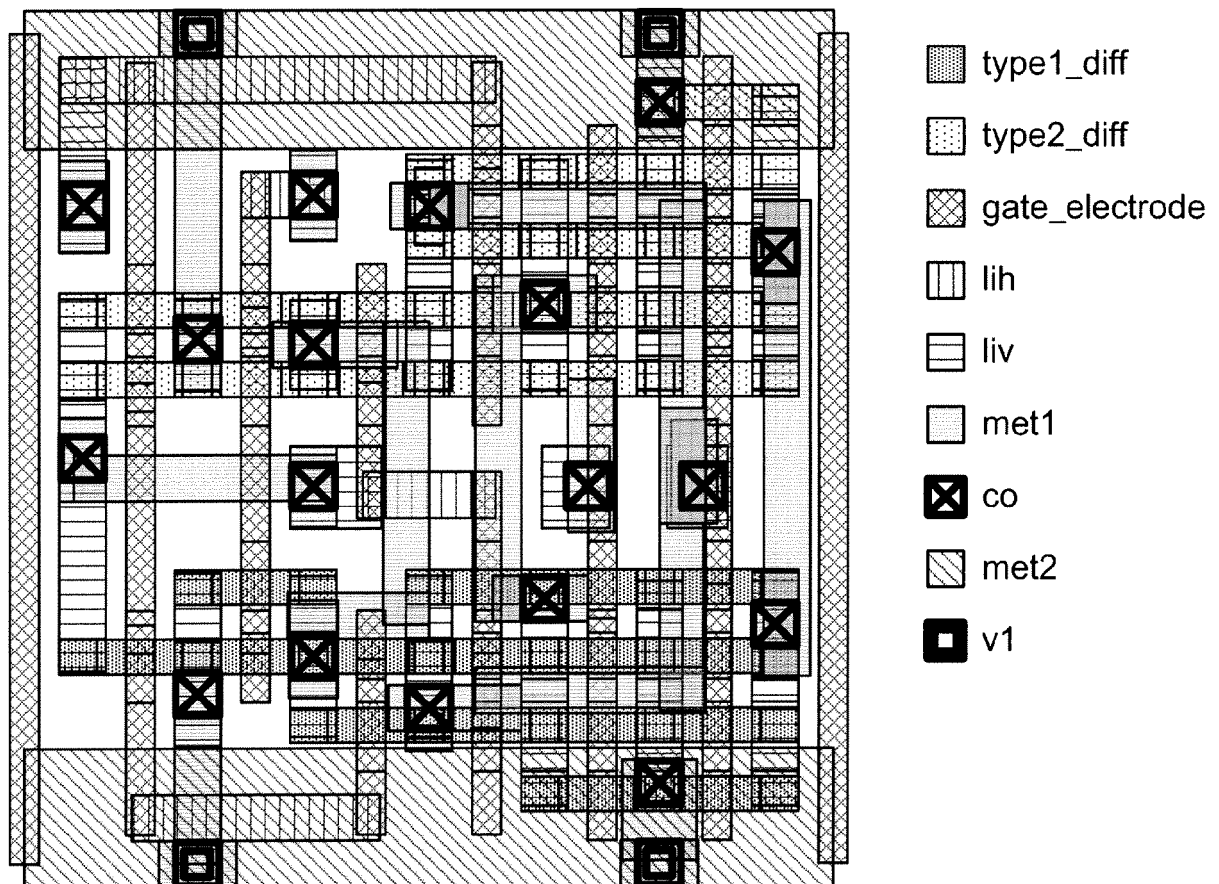


Fig. 39A

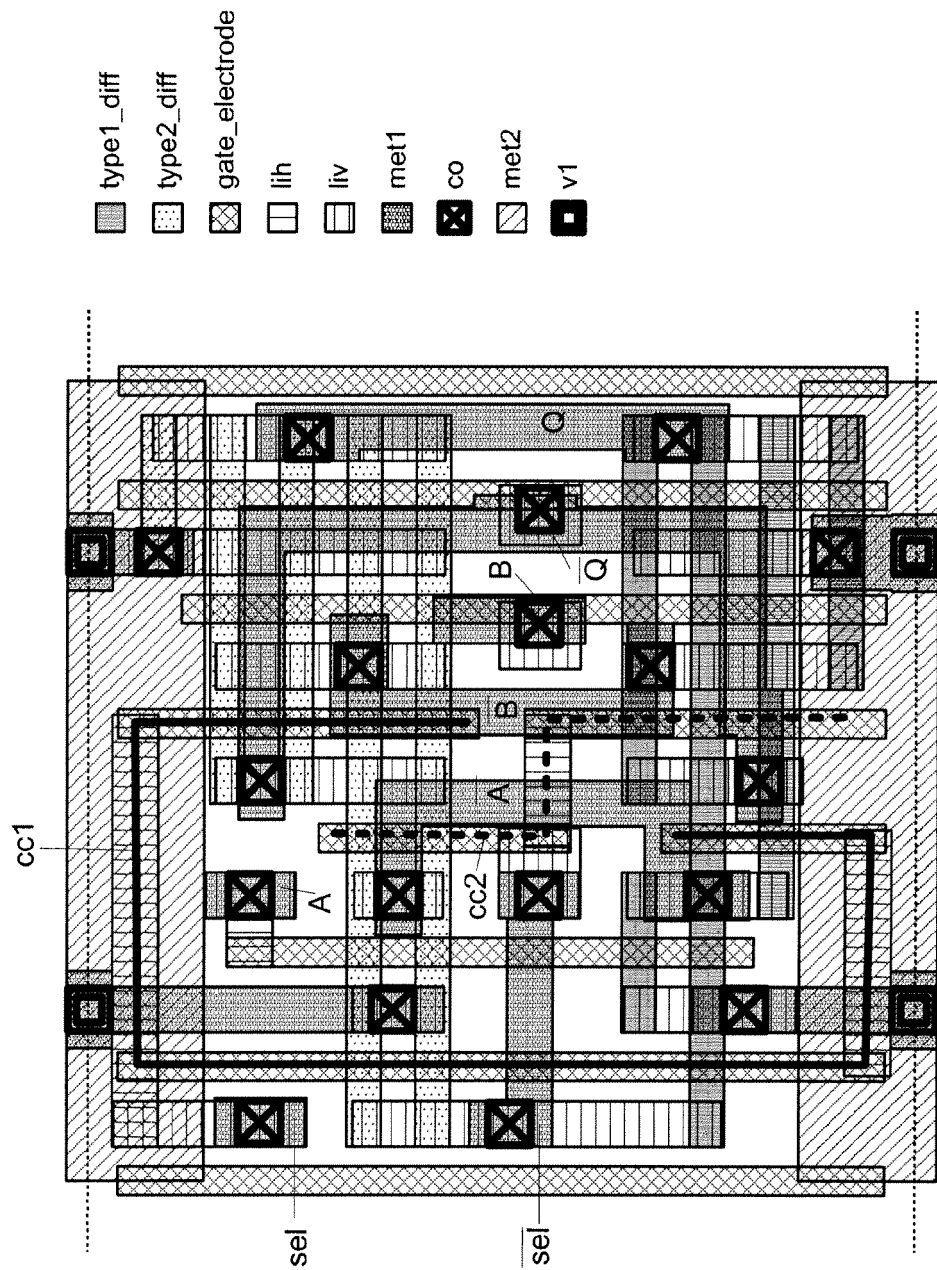


Fig. 39B

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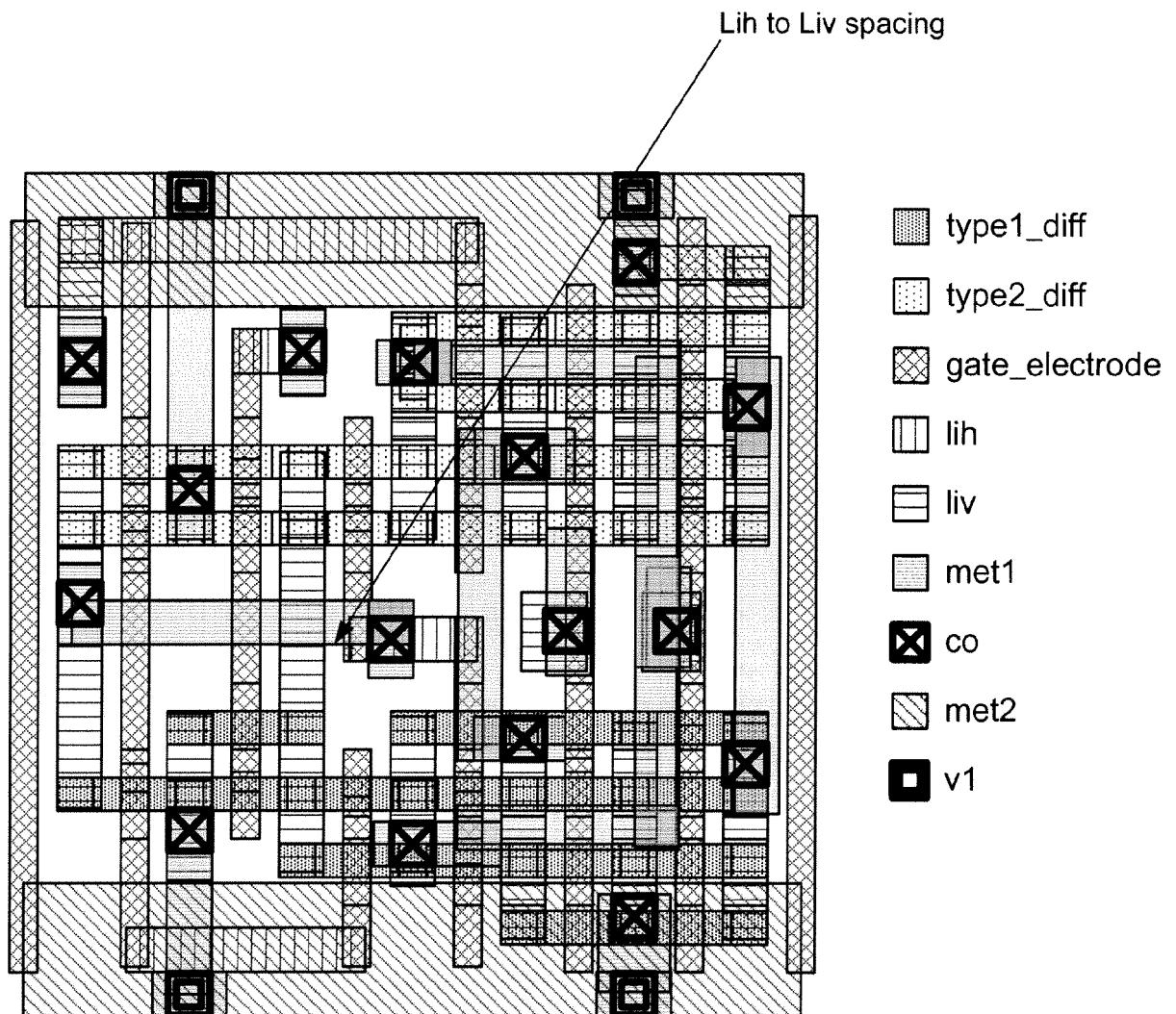


Fig. 40A

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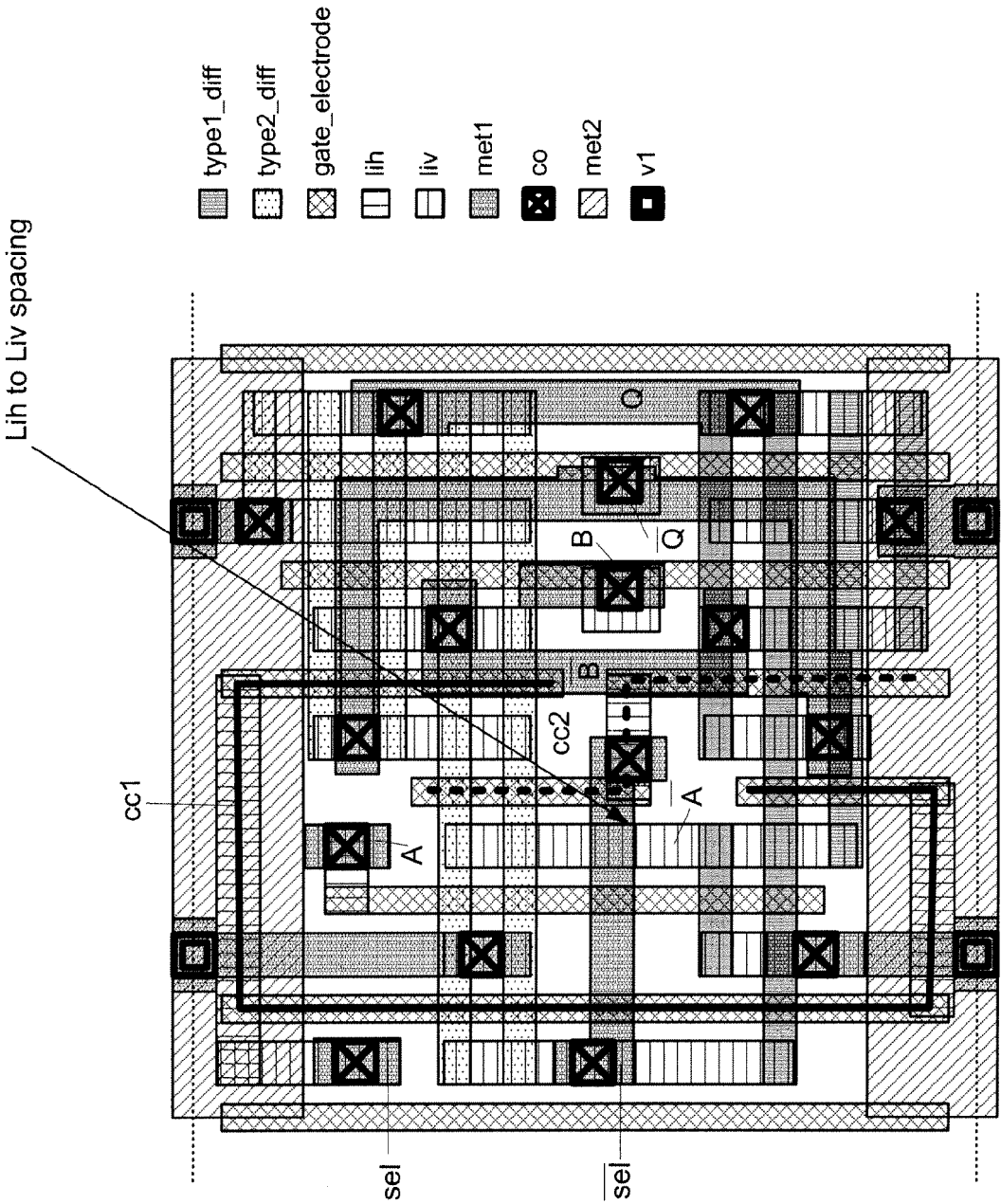


Fig. 40B

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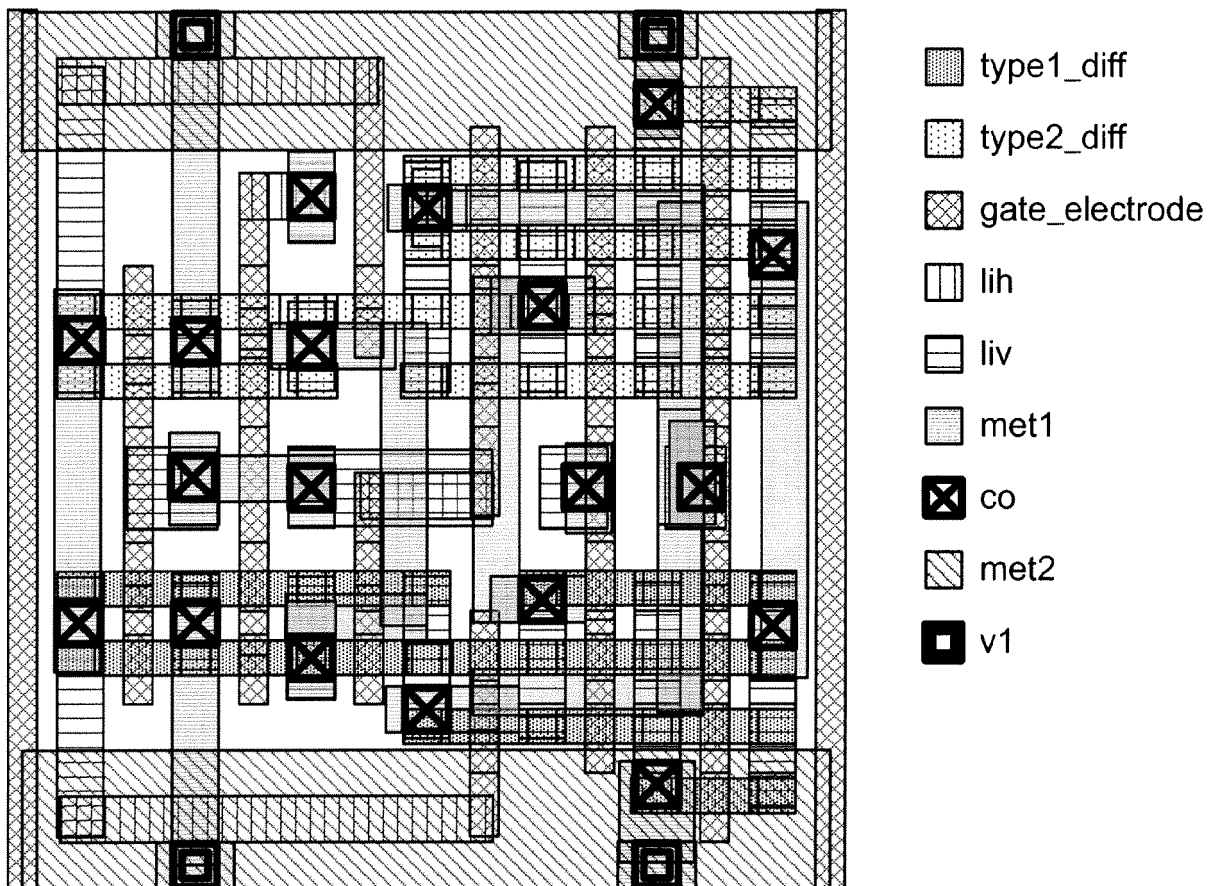


Fig. 41A

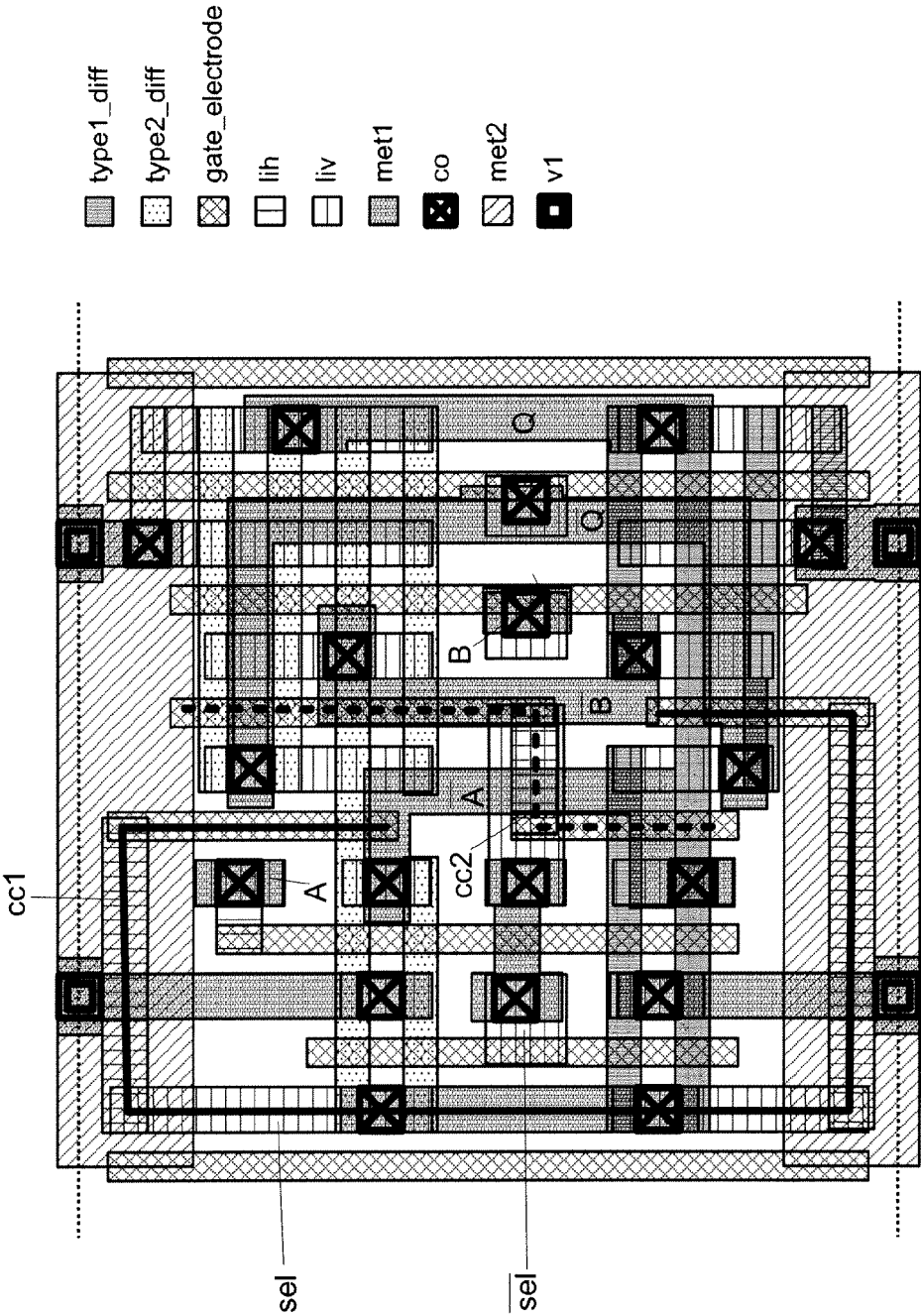


Fig. 41B

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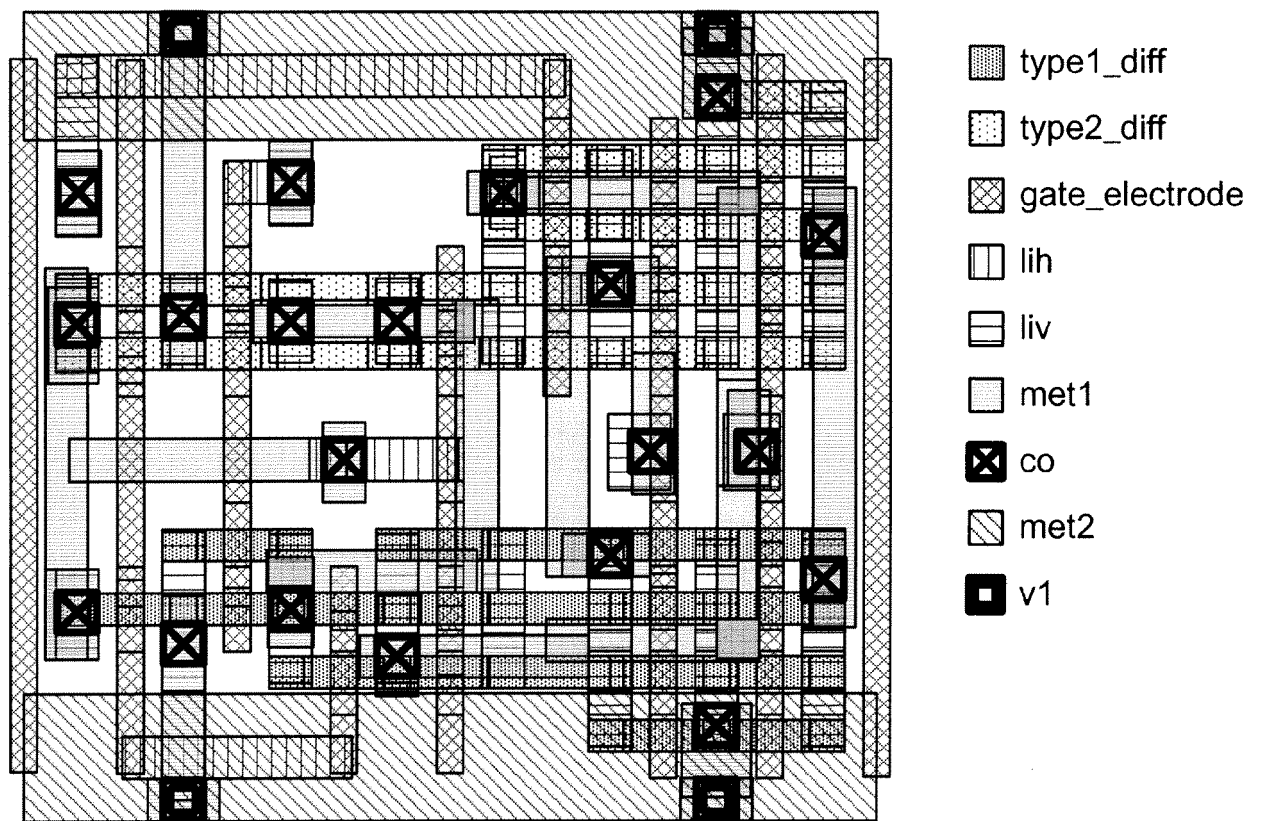


Fig. 42A

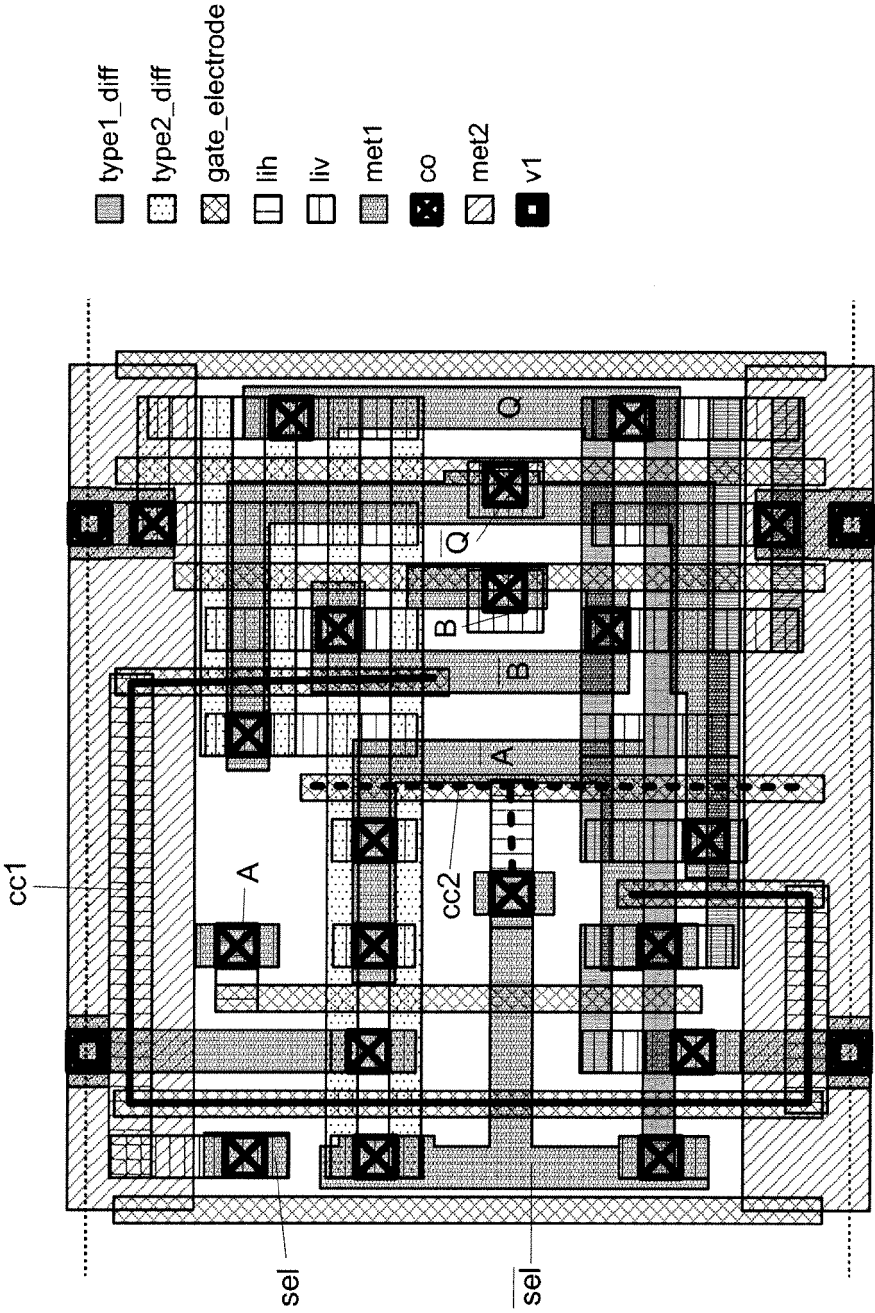


Fig. 42B

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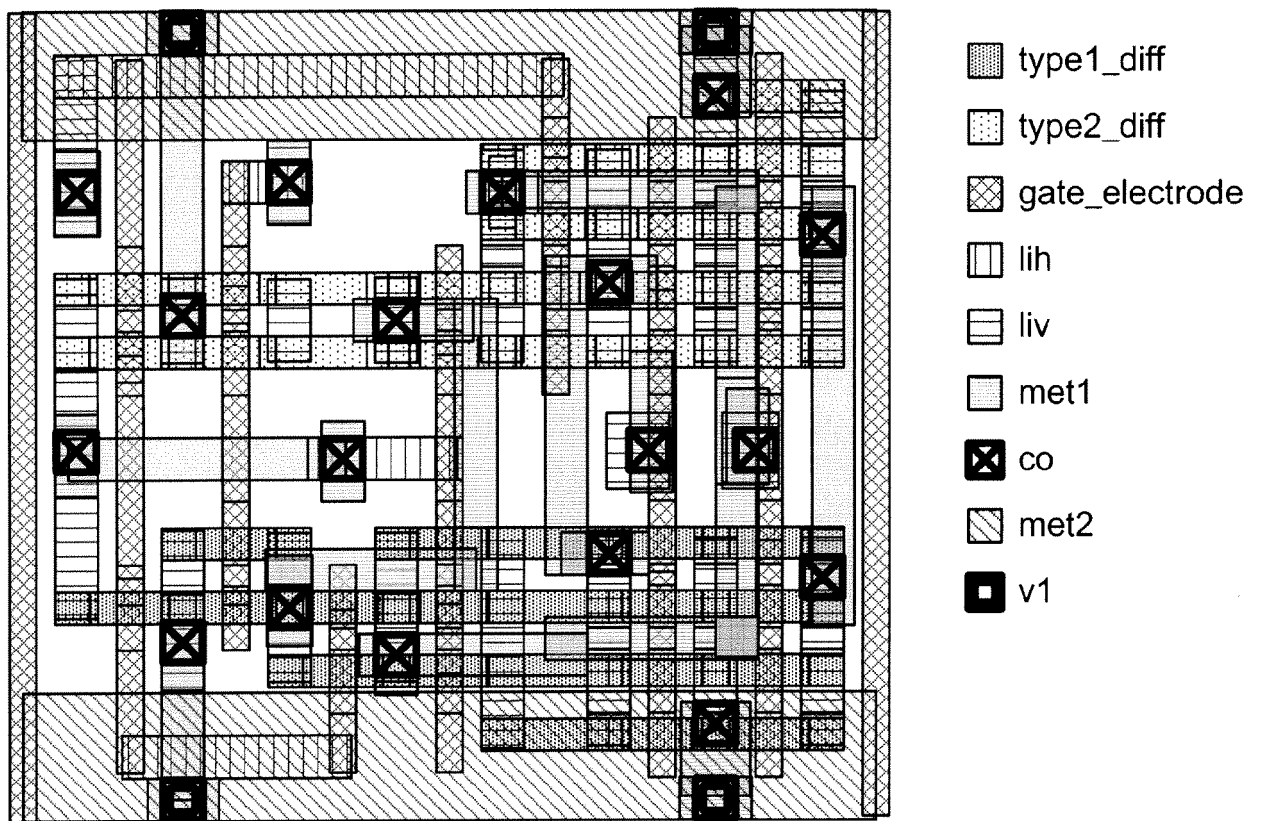


Fig. 43A

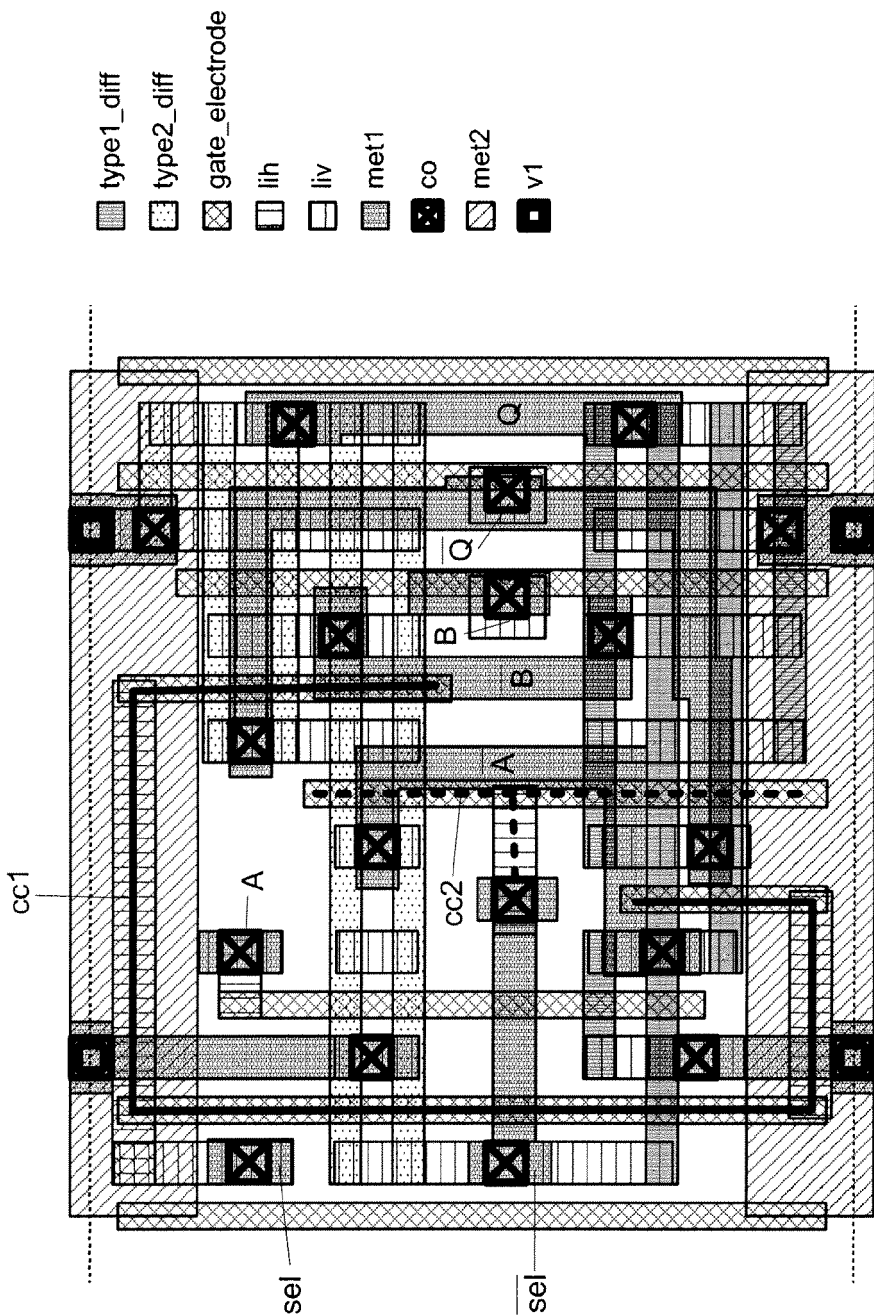


Fig. 43B

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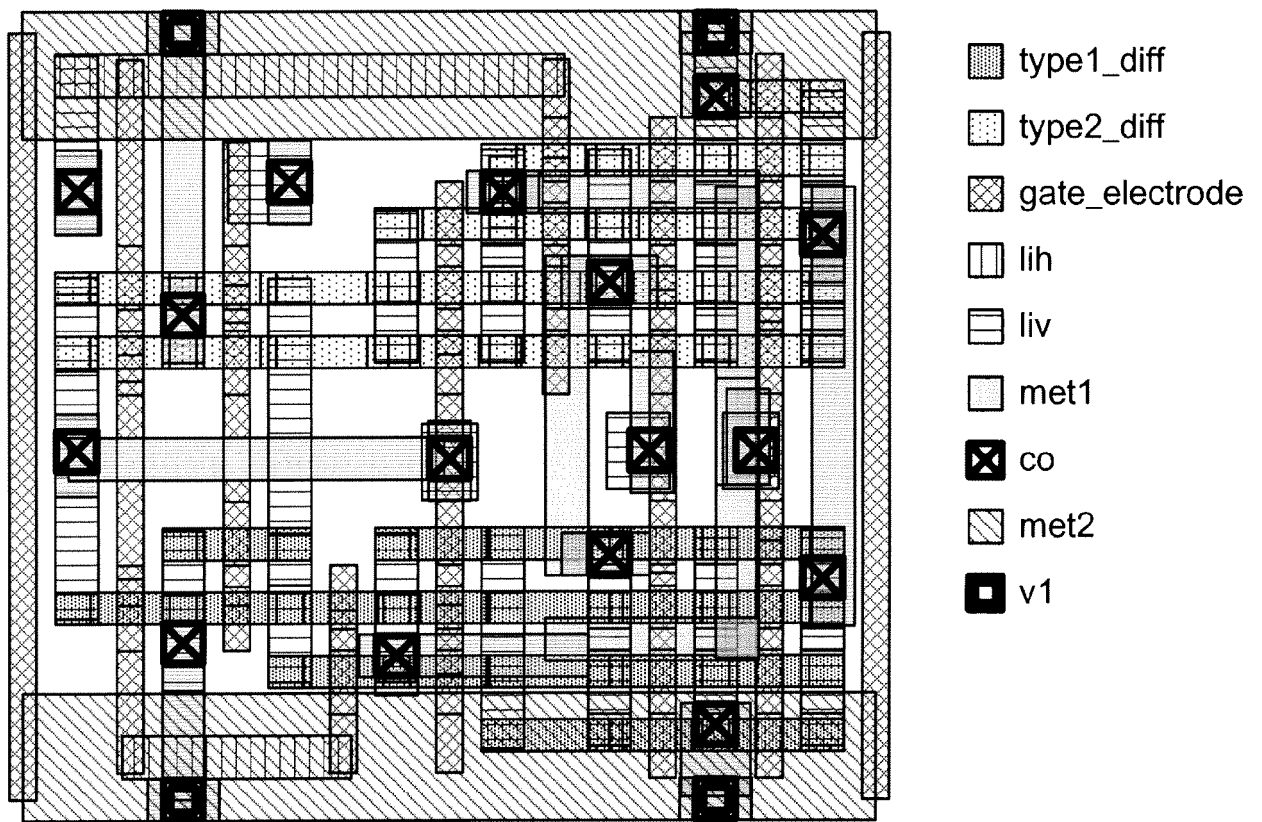


Fig. 44A

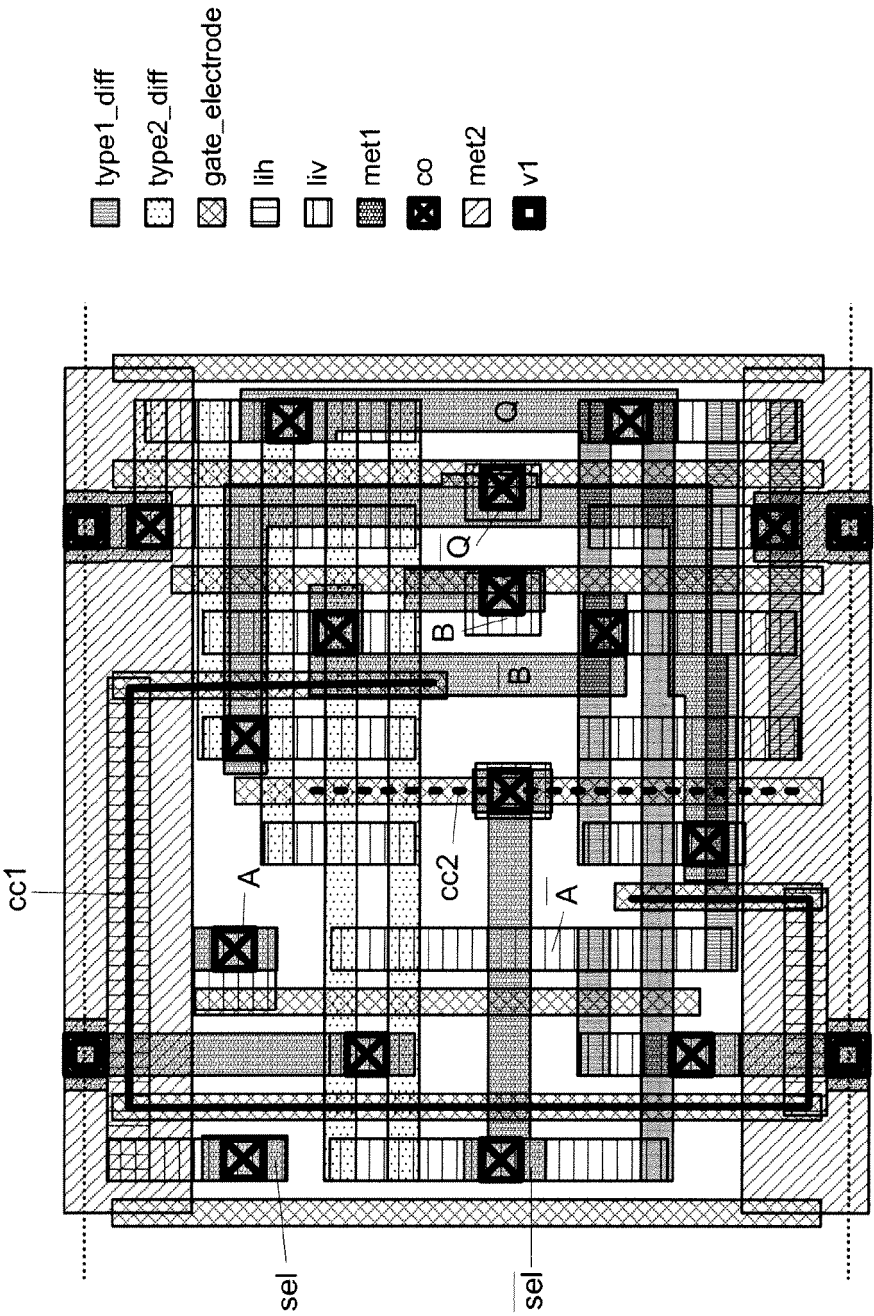


Fig. 44B

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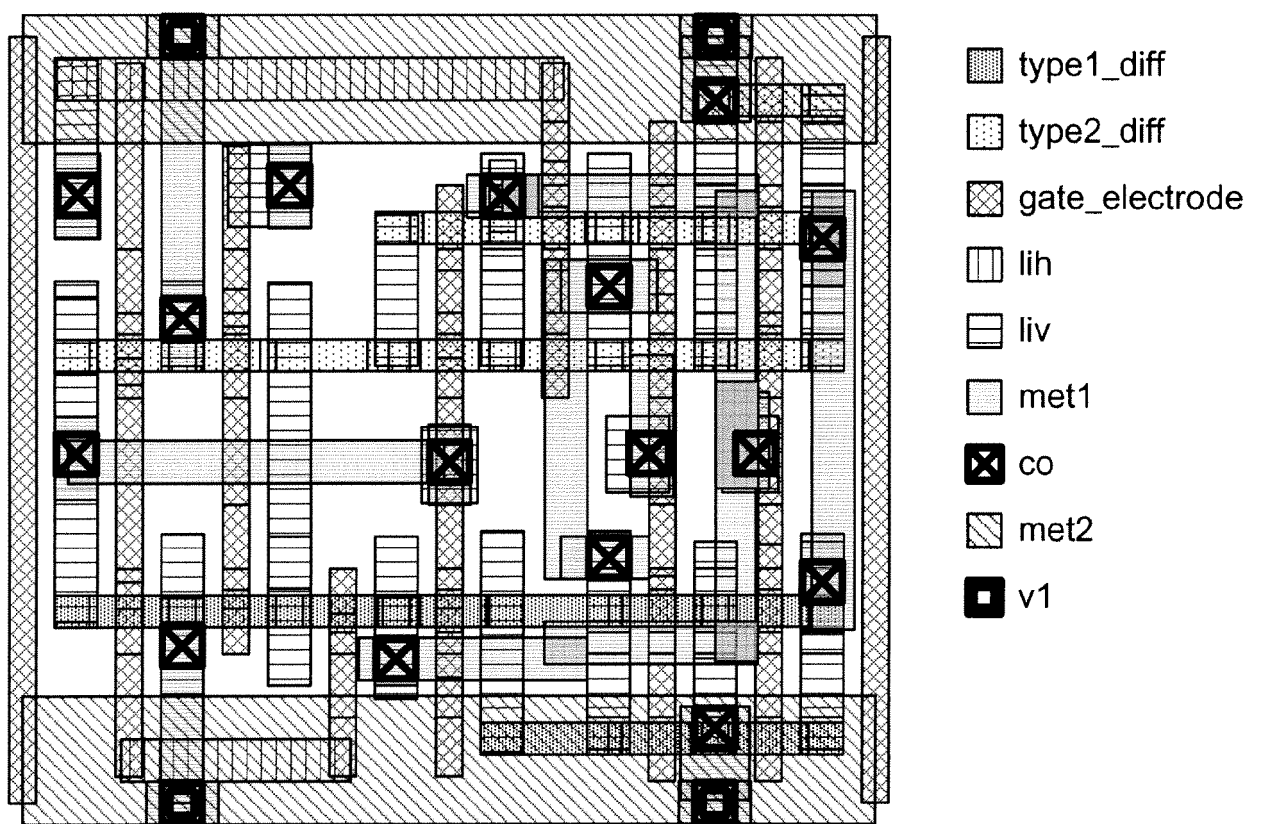


Fig. 45A

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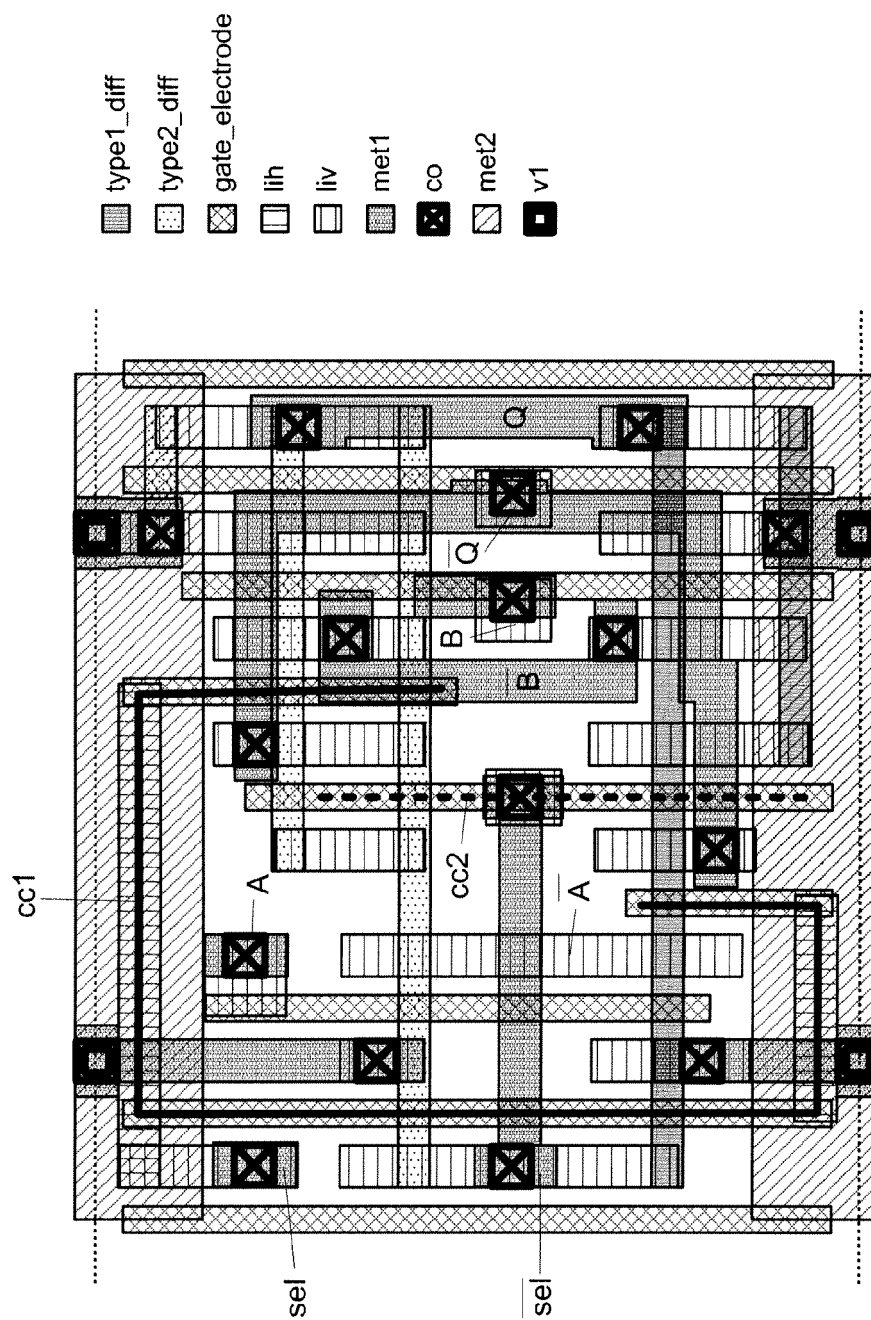


Fig. 45B

96/164

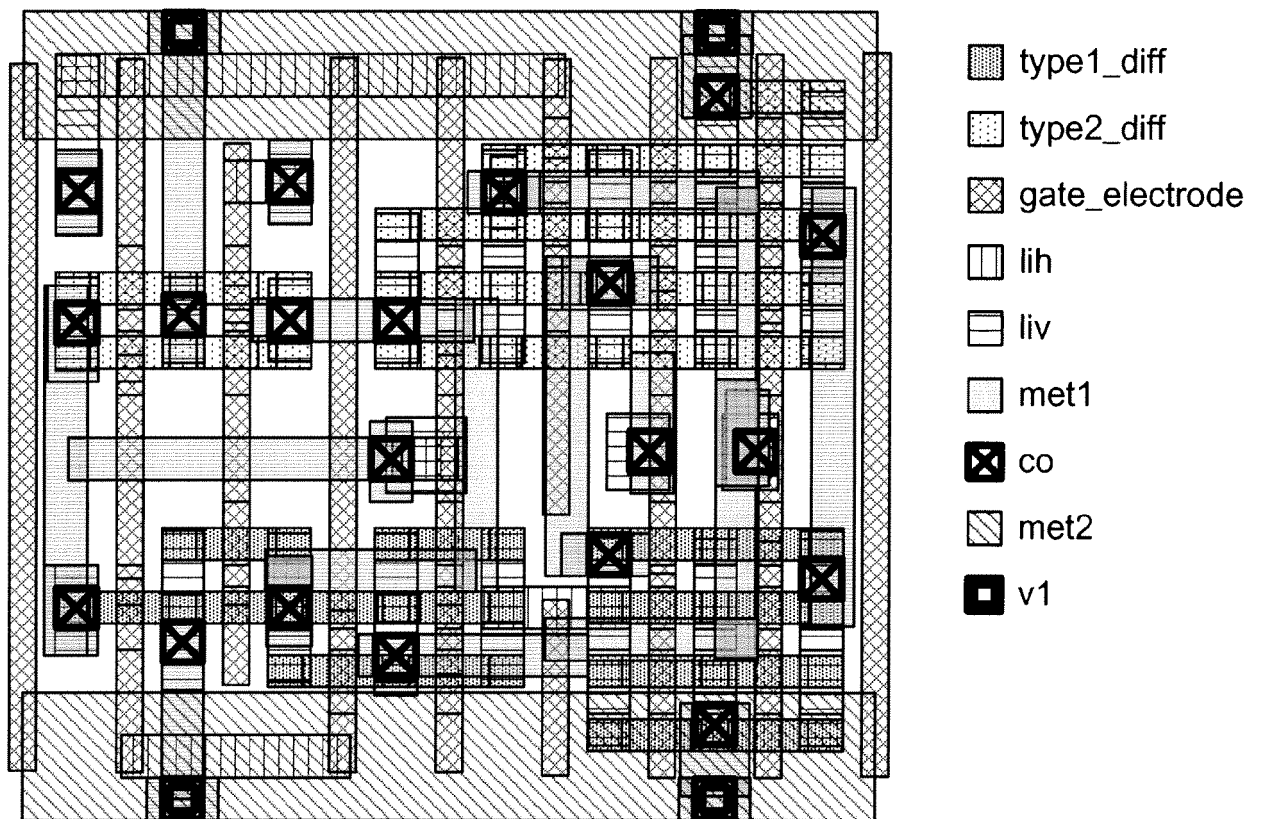


Fig. 46A

97/164

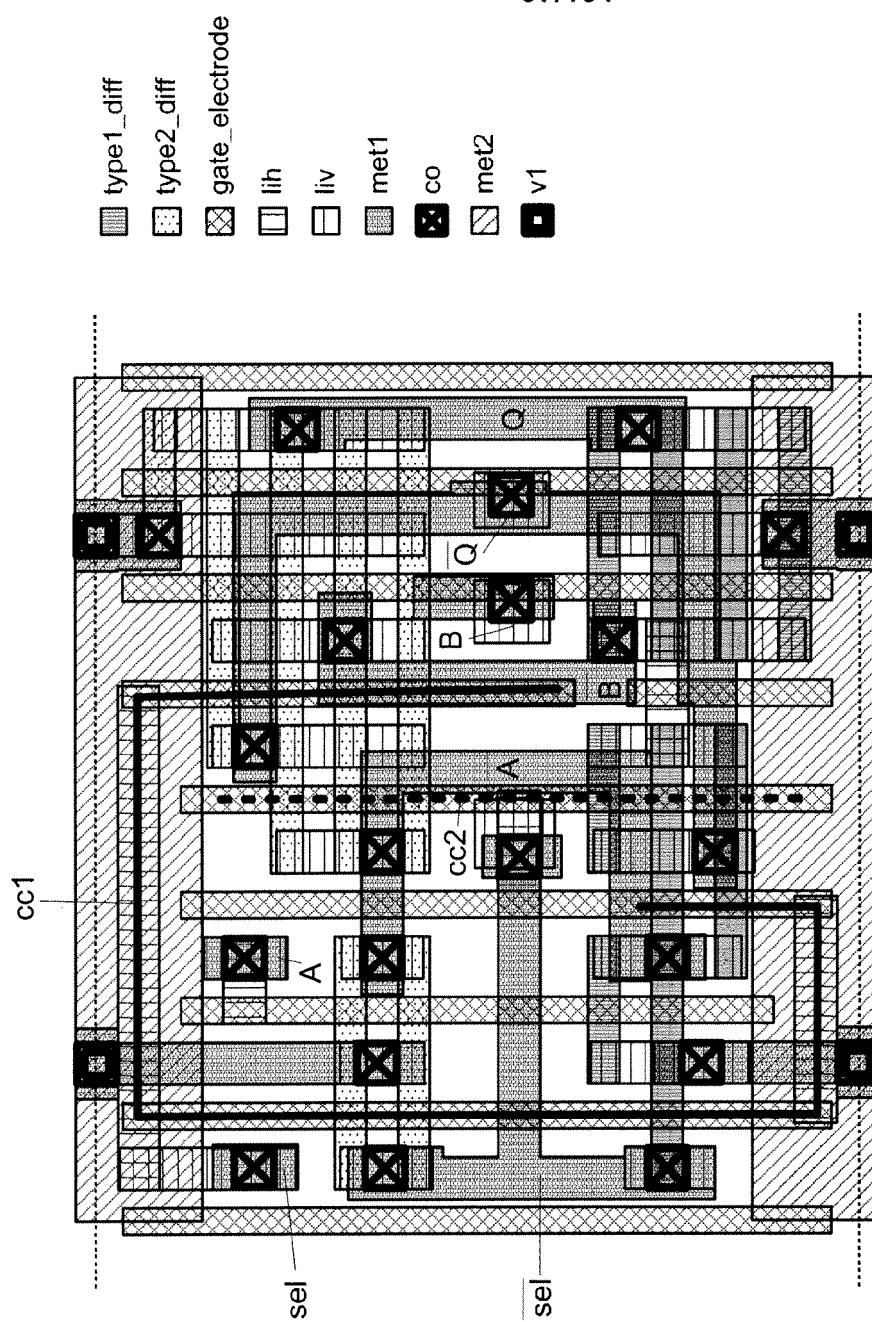


Fig. 46B

98/164

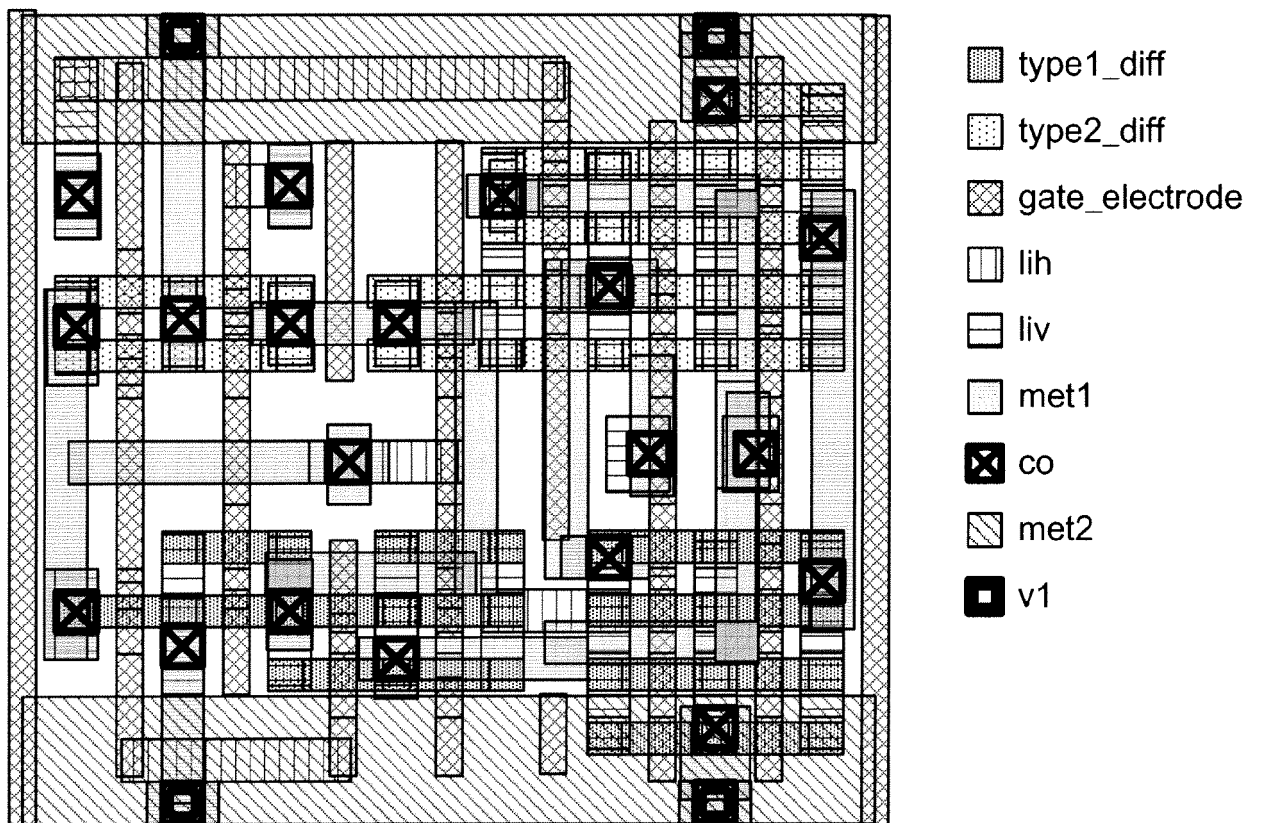


Fig. 47A

99/164

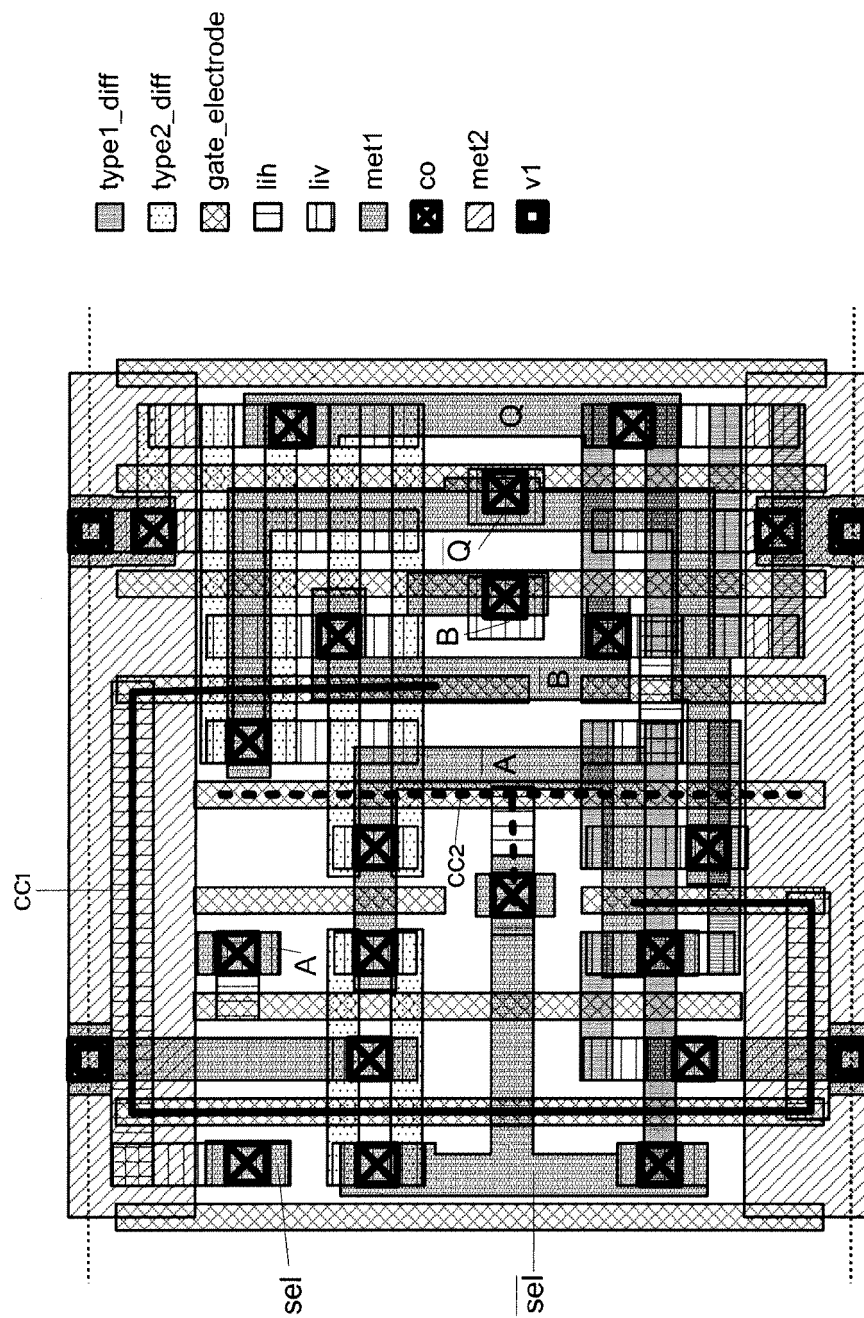


Fig. 47B

100/164

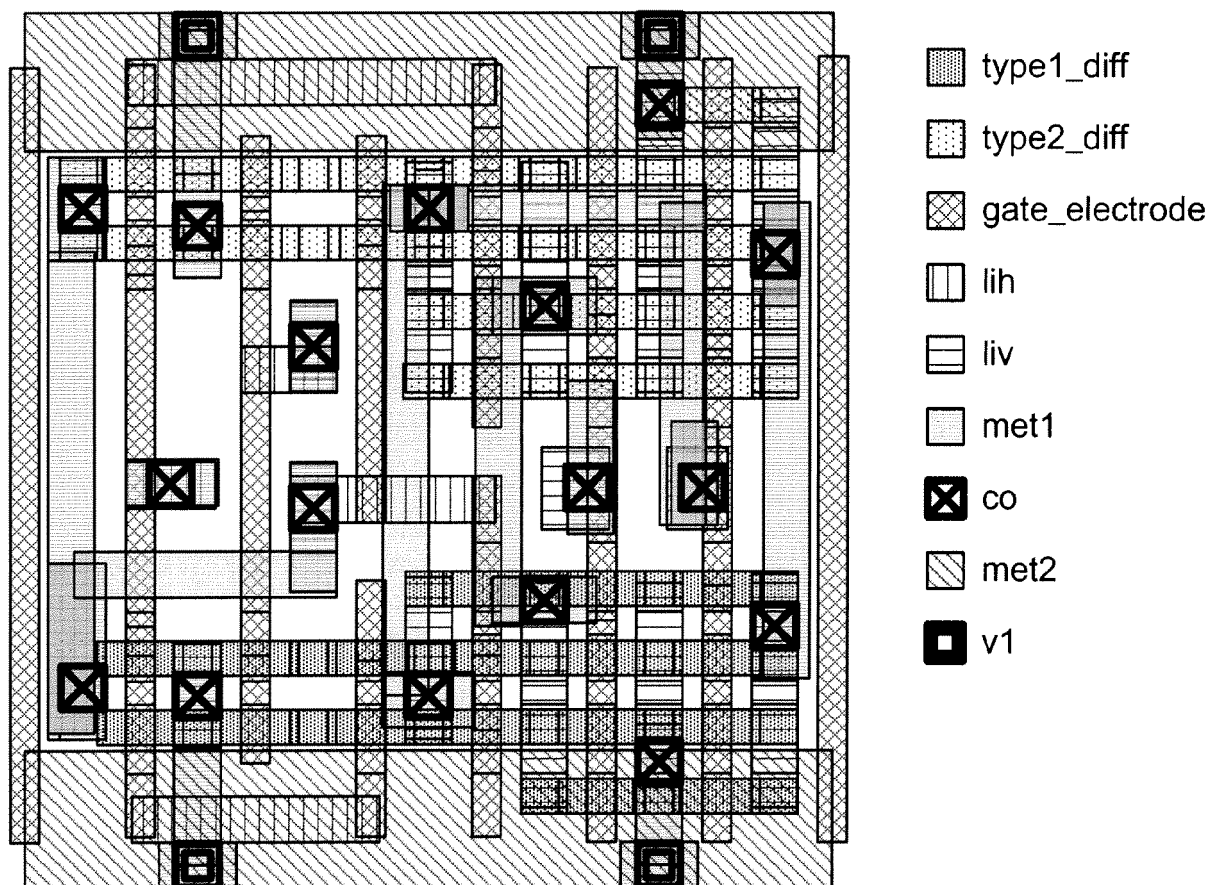


Fig. 48A

101/164

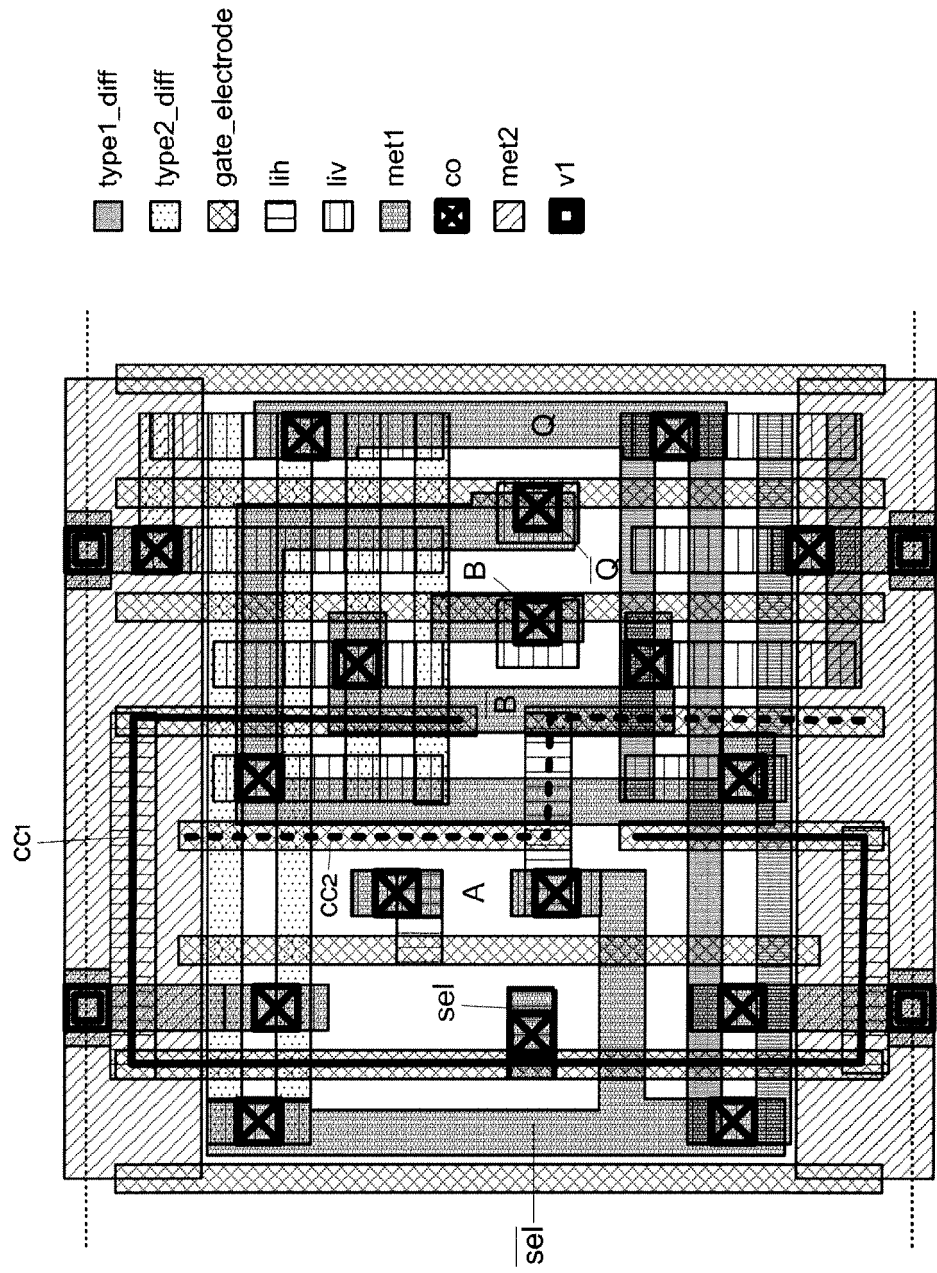


Fig. 48B

102/164

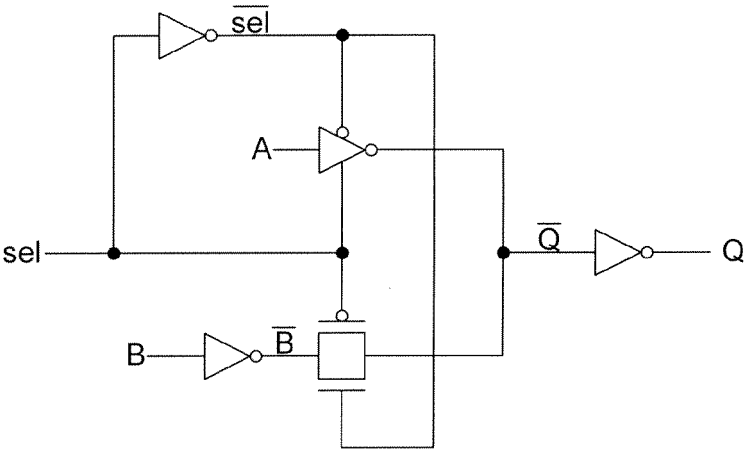


Fig. 48C

103/164

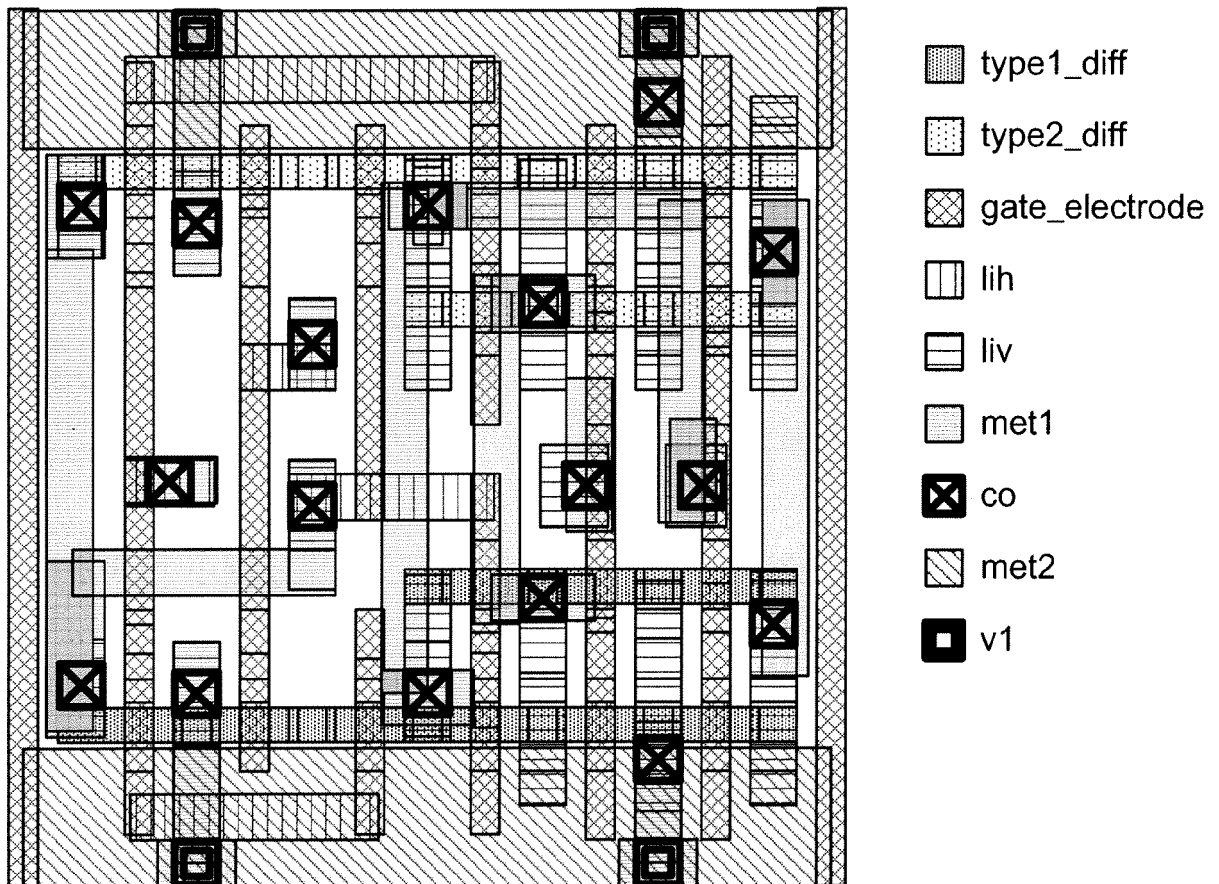


Fig. 49A

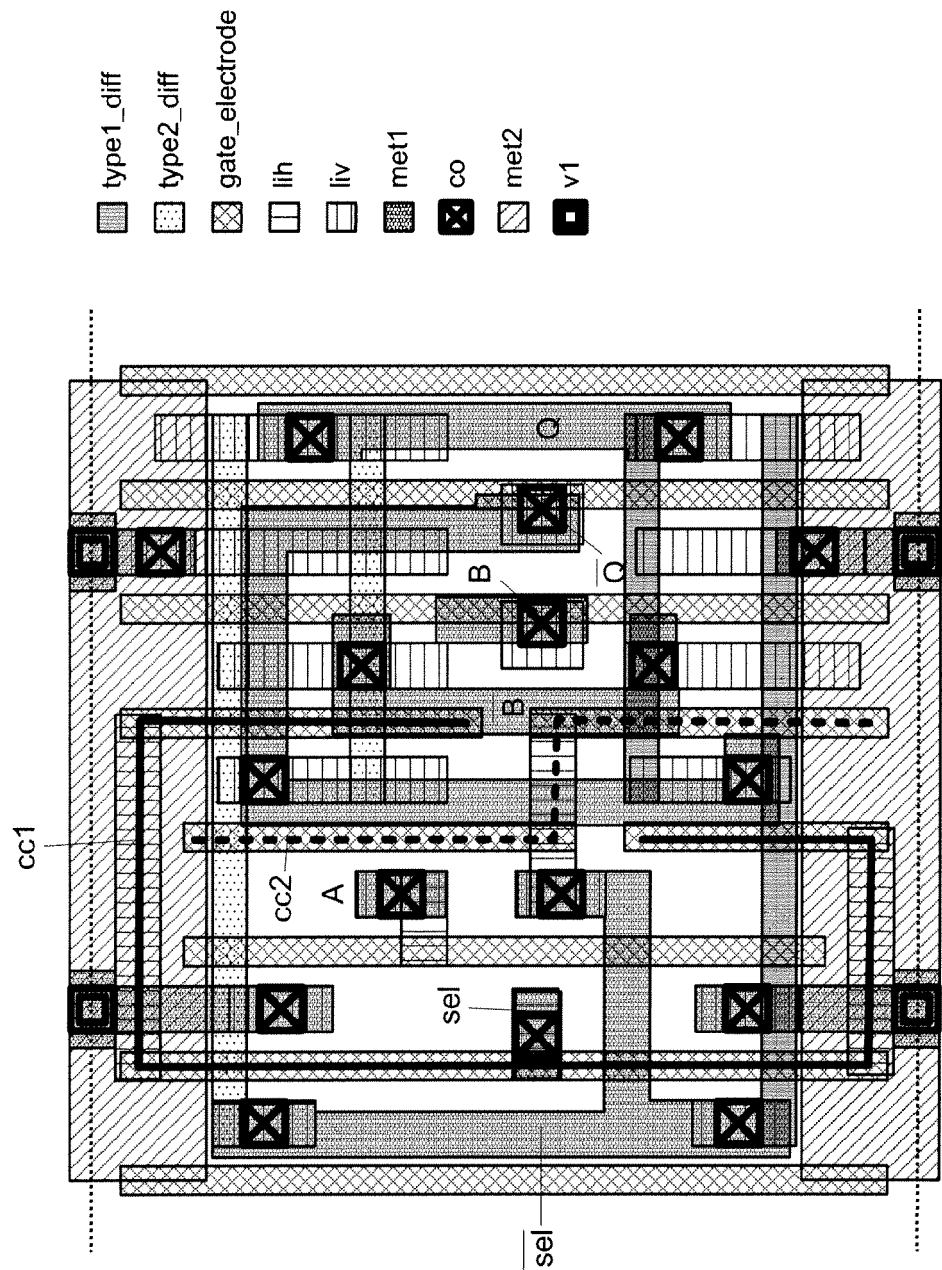


Fig. 49B

105/164

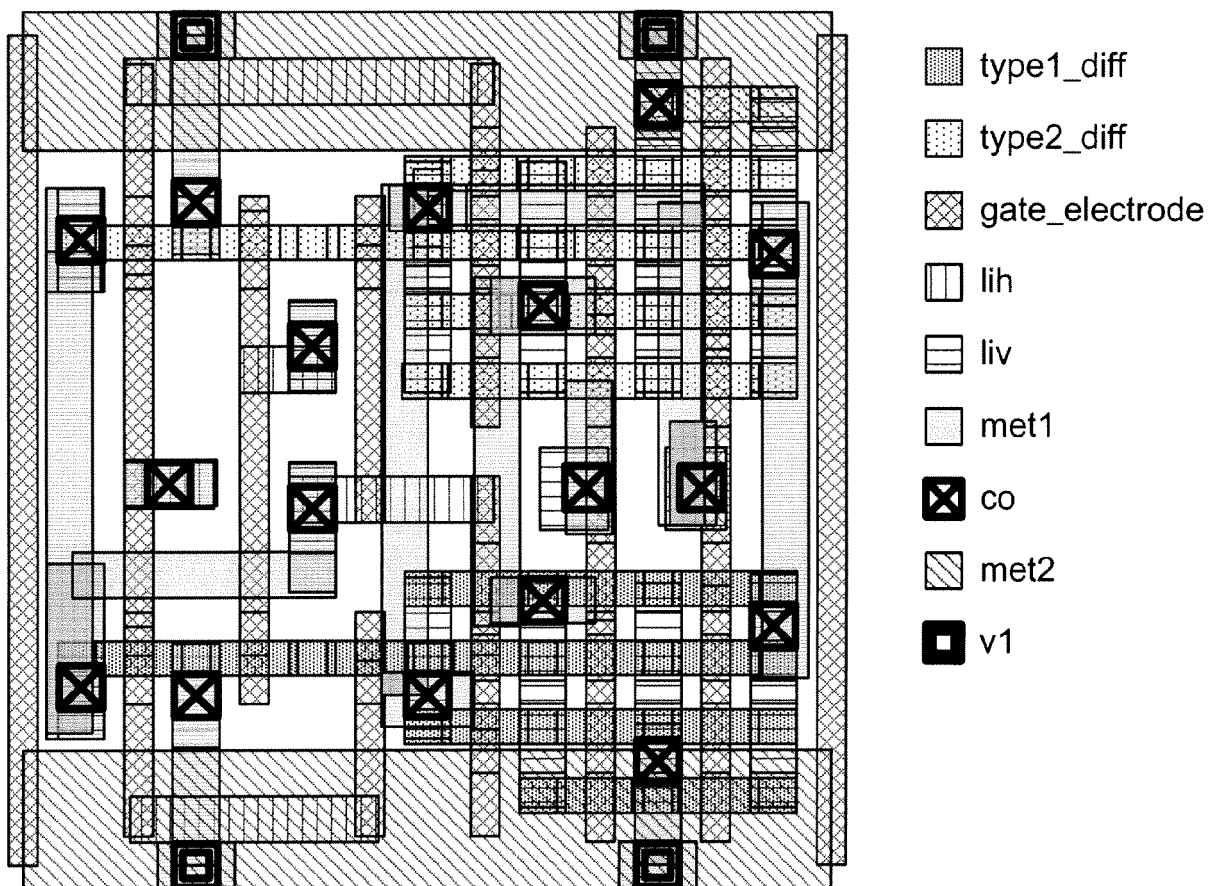


Fig. 50A

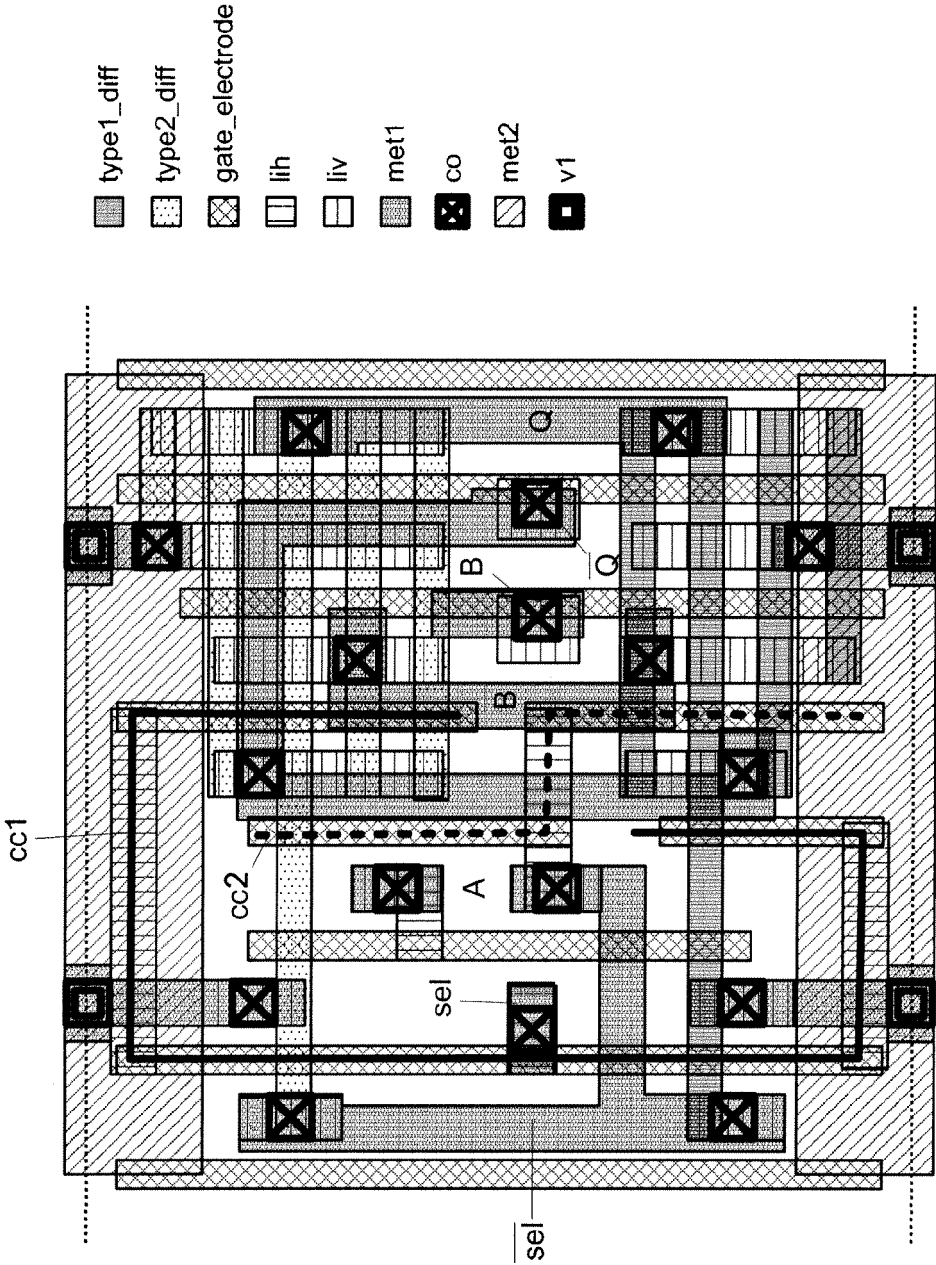


Fig. 50B

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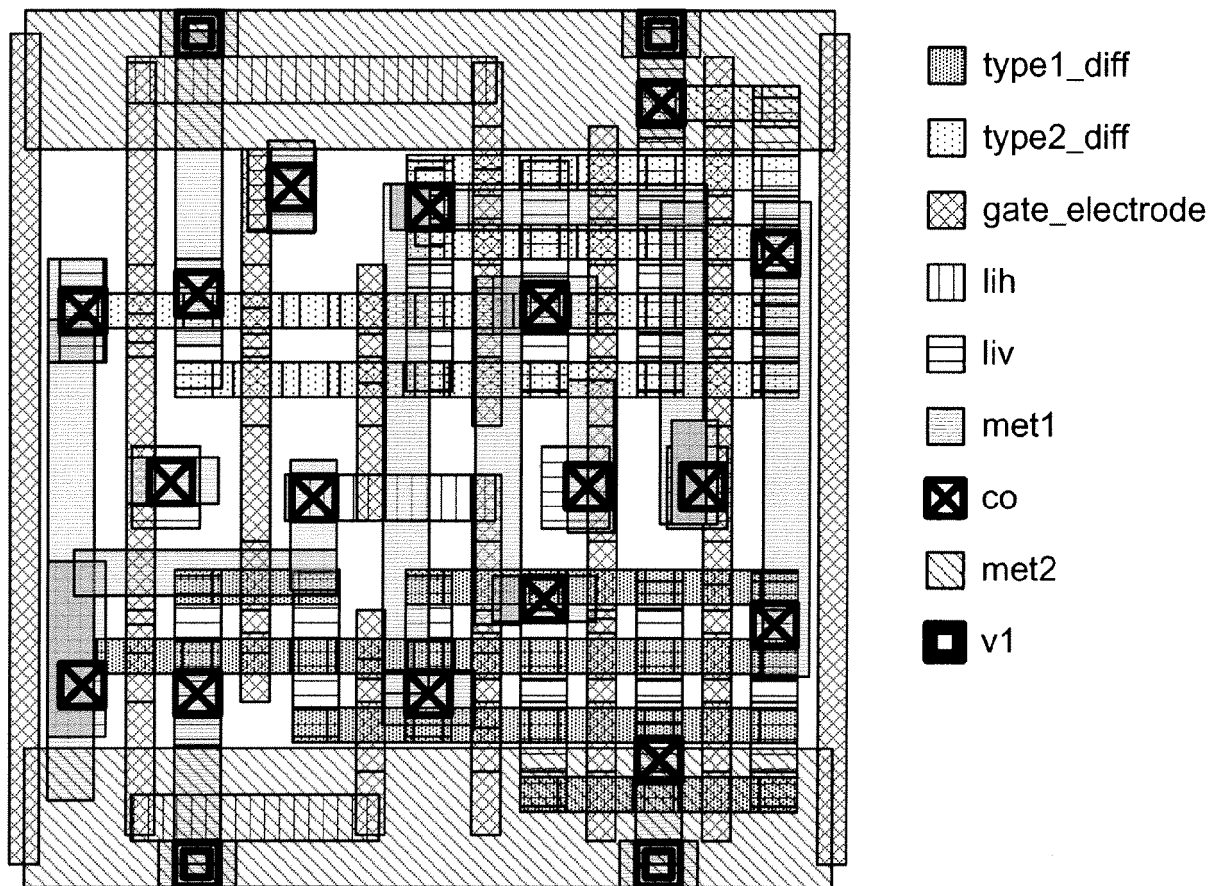


Fig. 51A

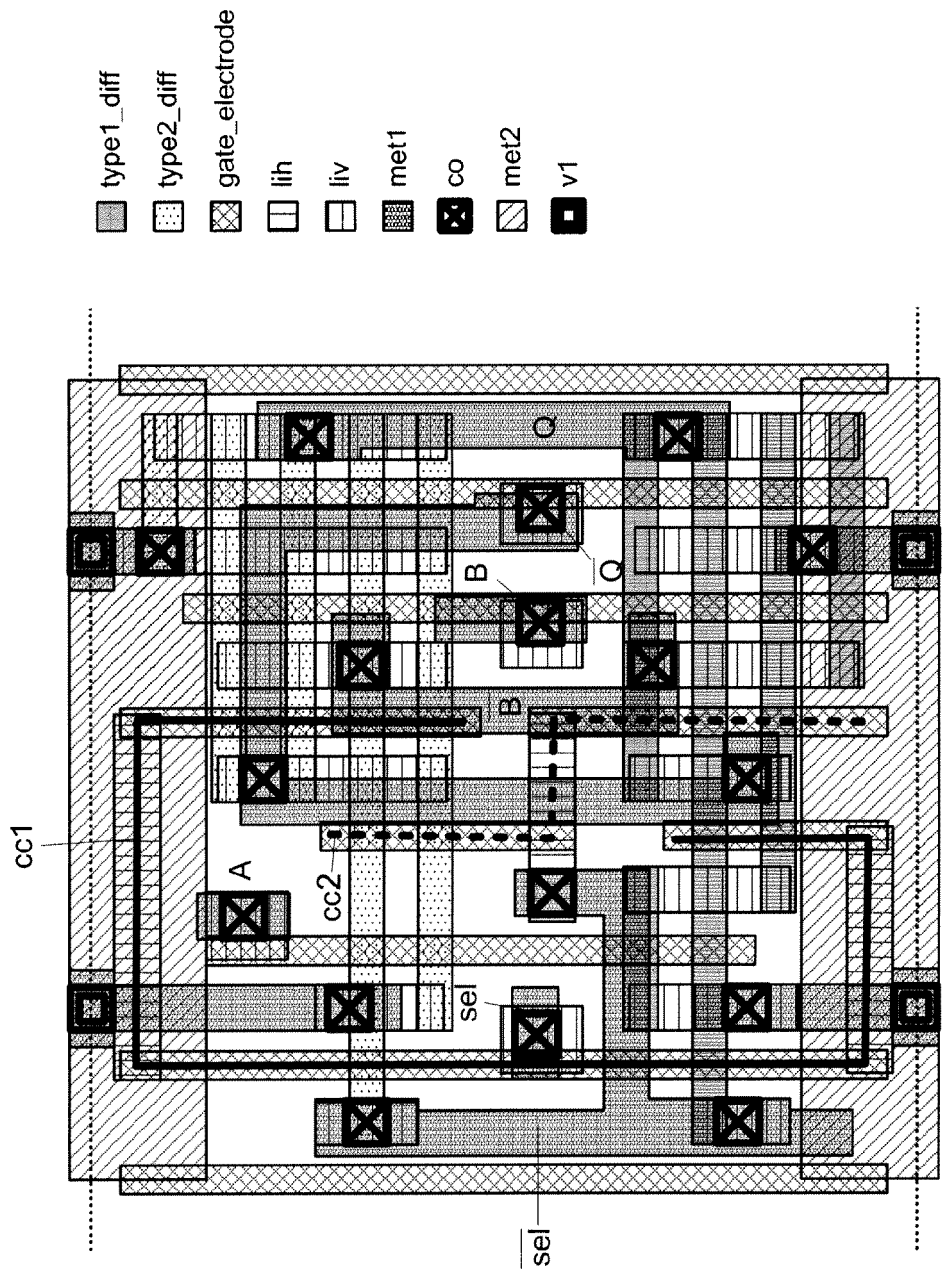


Fig. 51B

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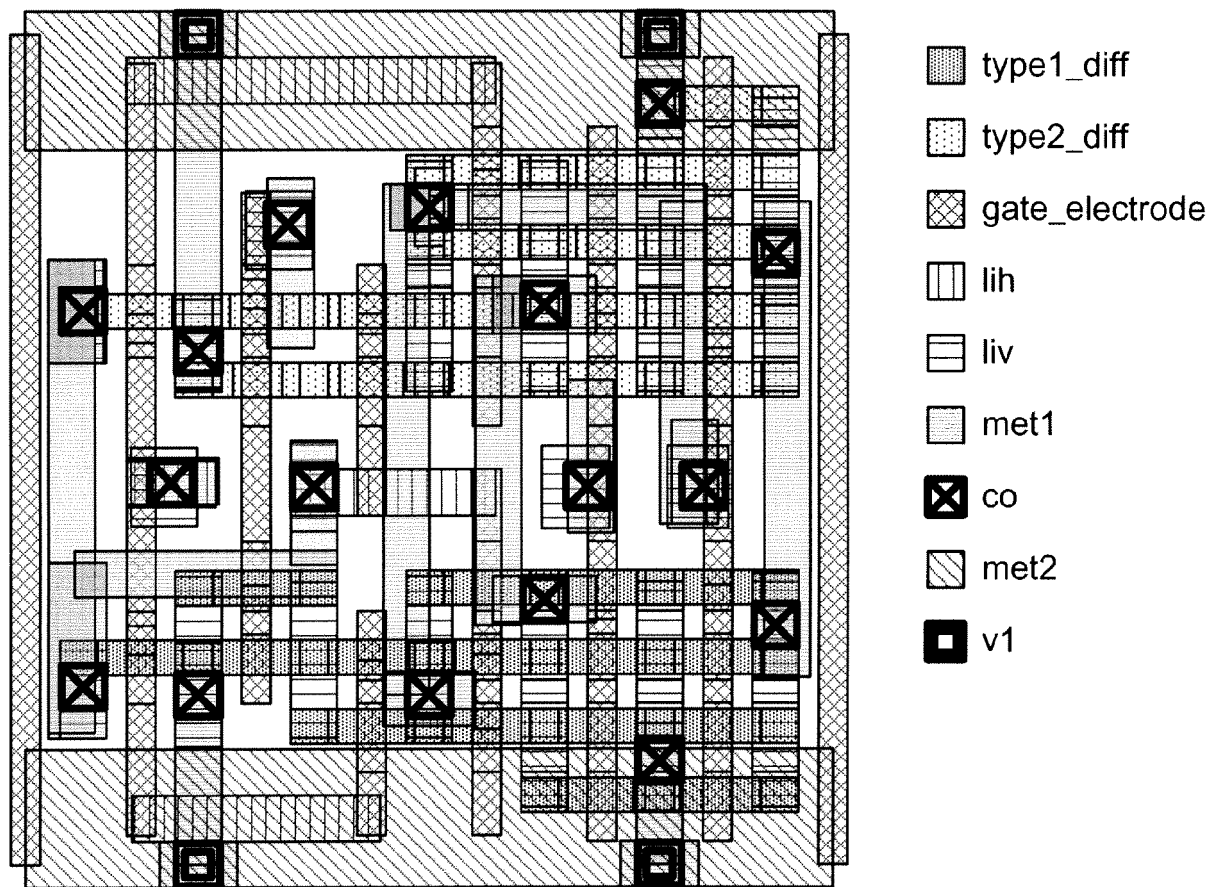


Fig. 52A

110/164

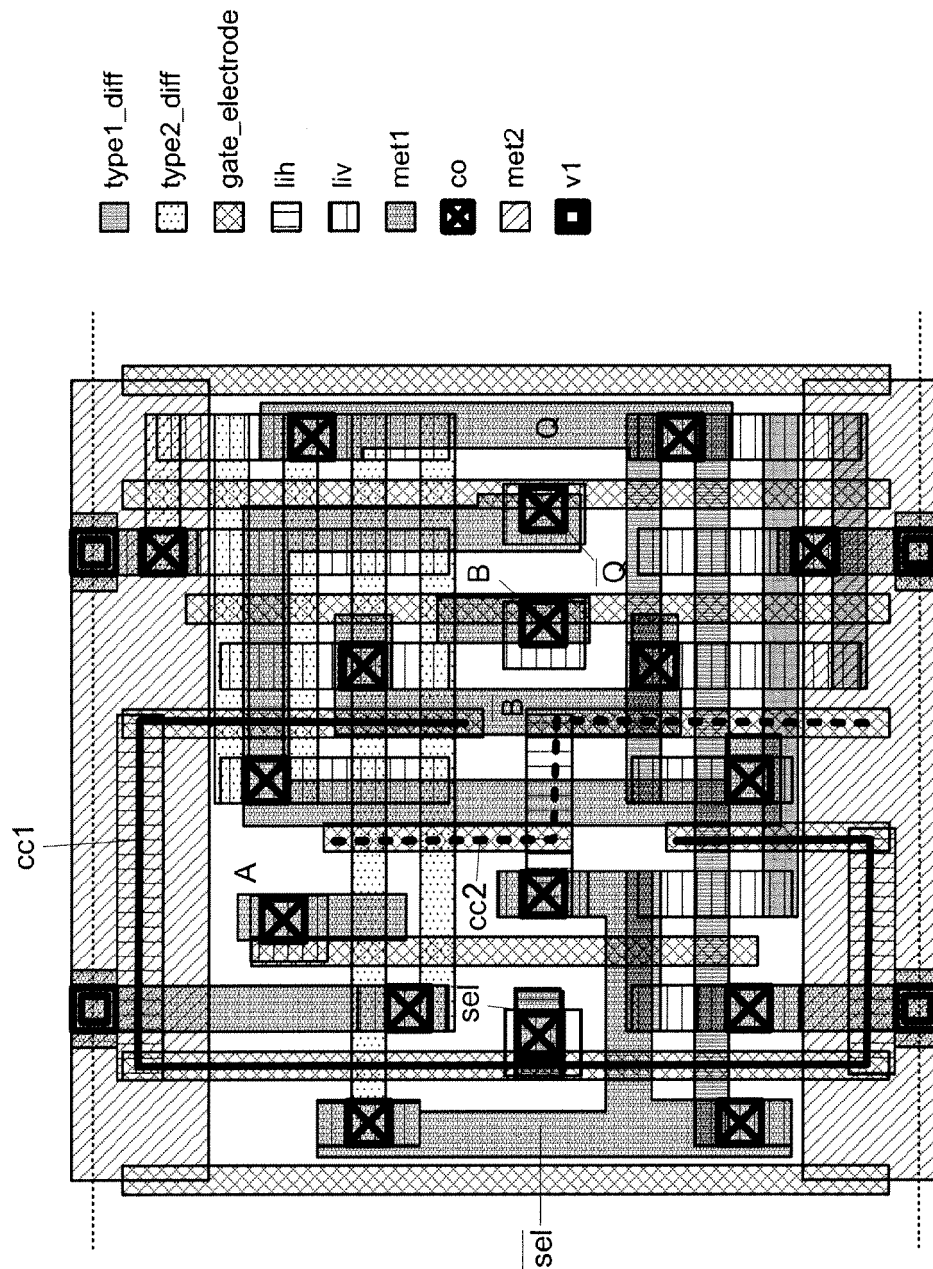


Fig. 52B

111/164

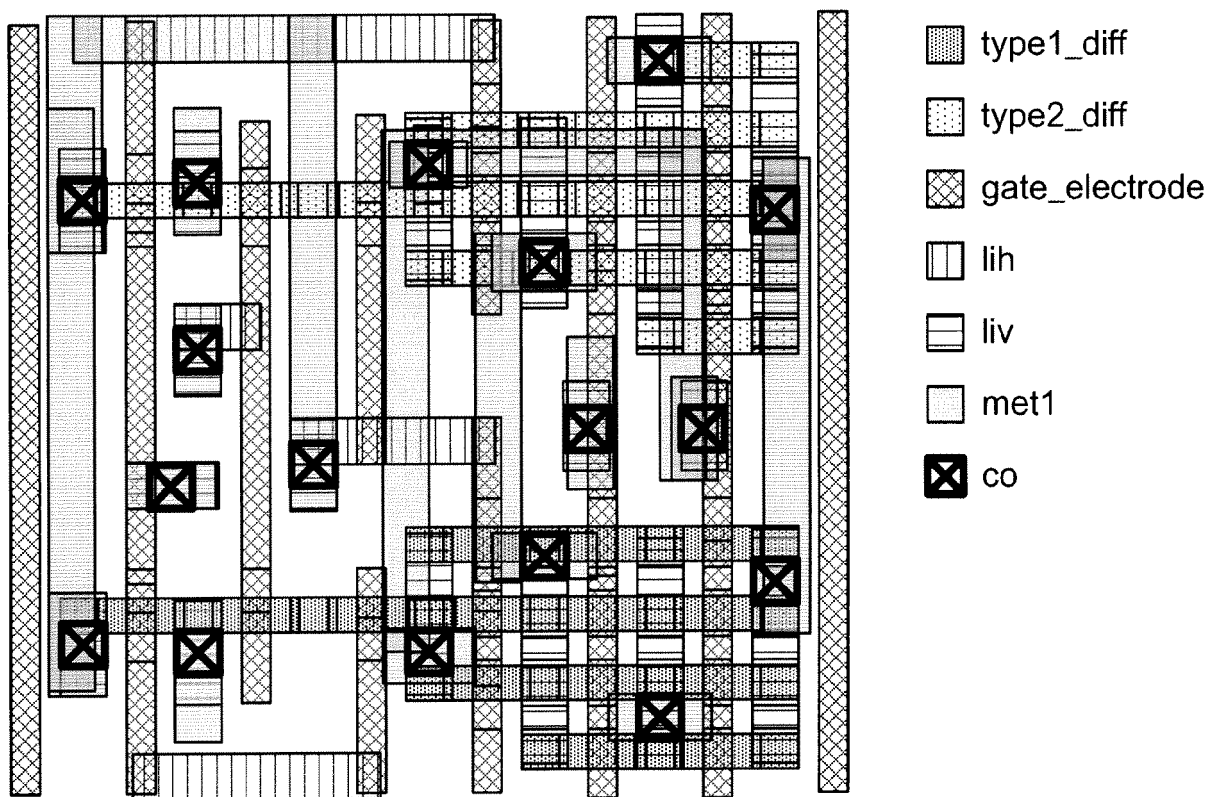


Fig. 53A

112/164

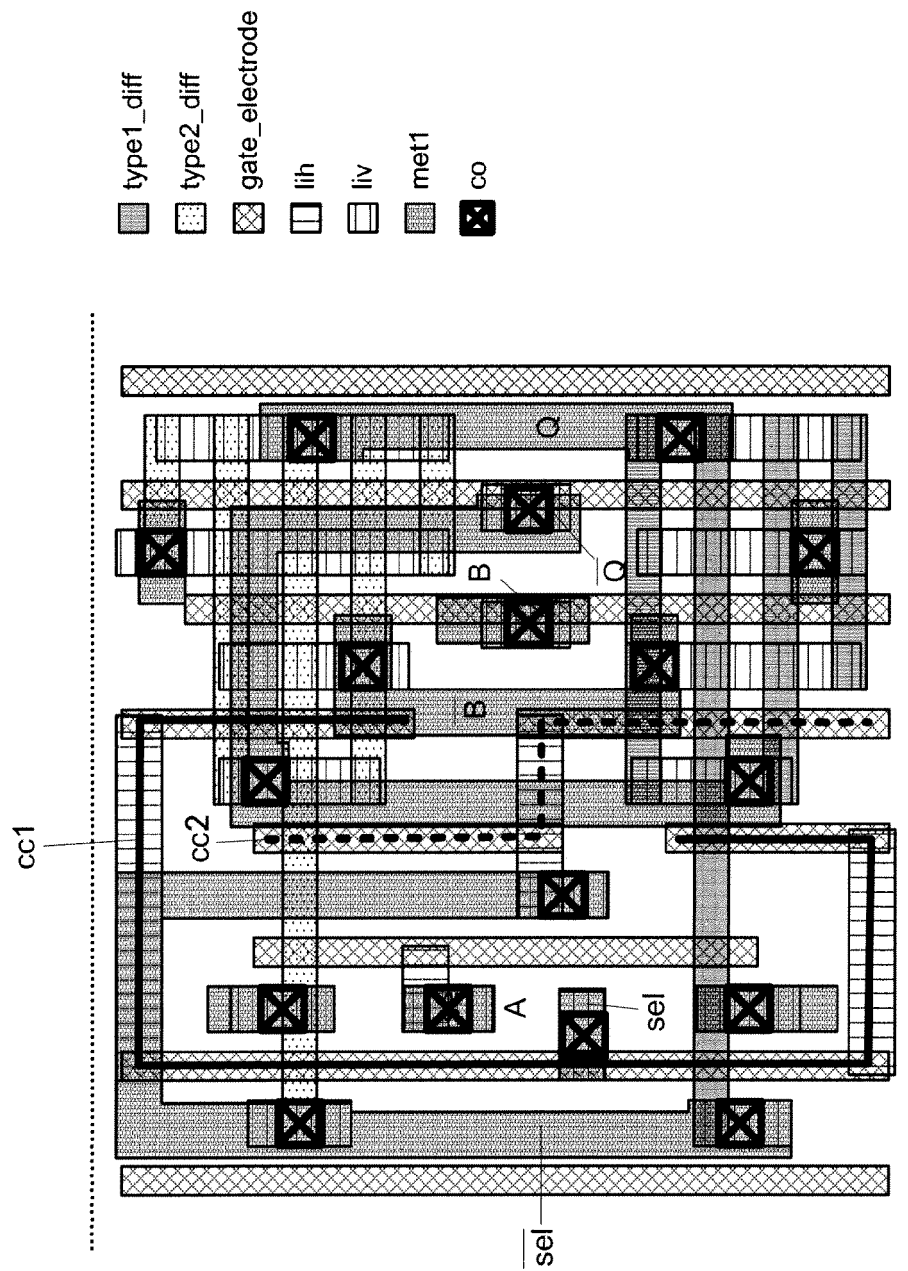


Fig. 53B

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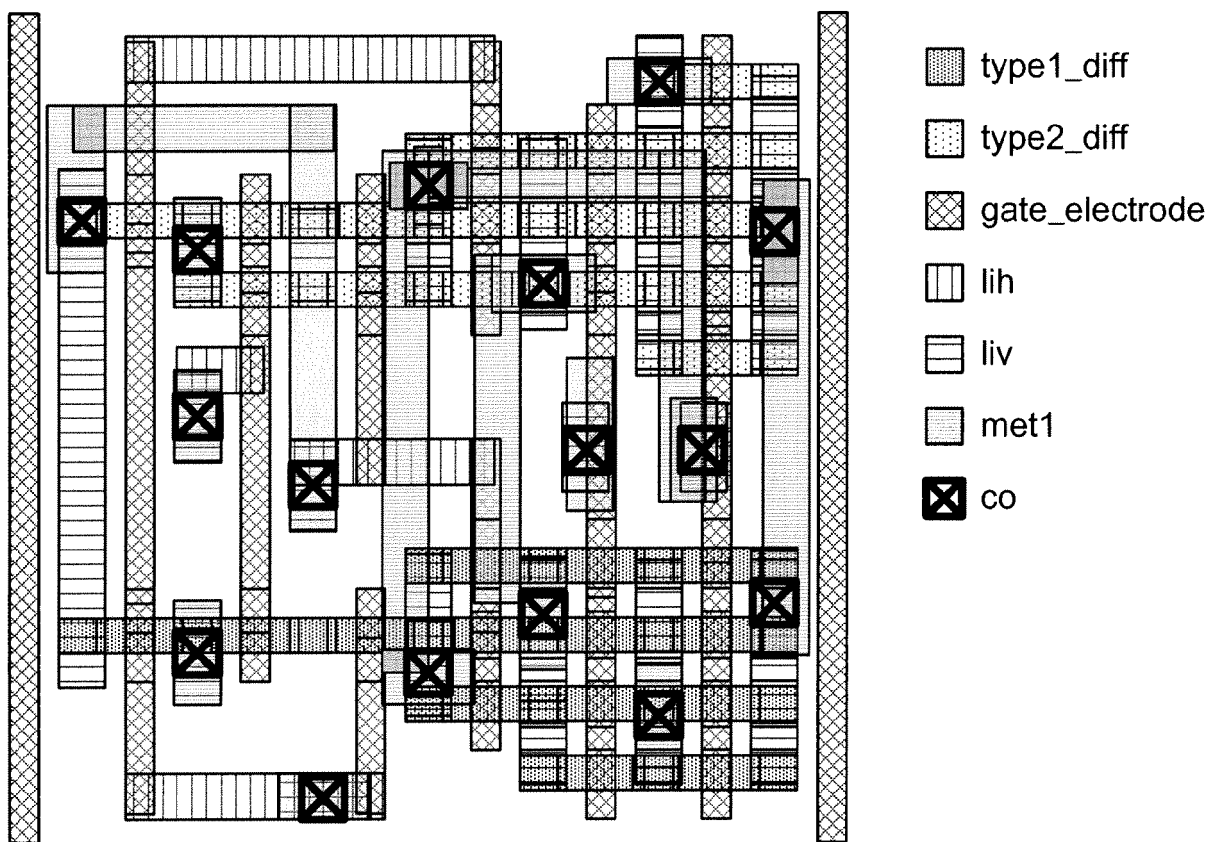


Fig. 54A

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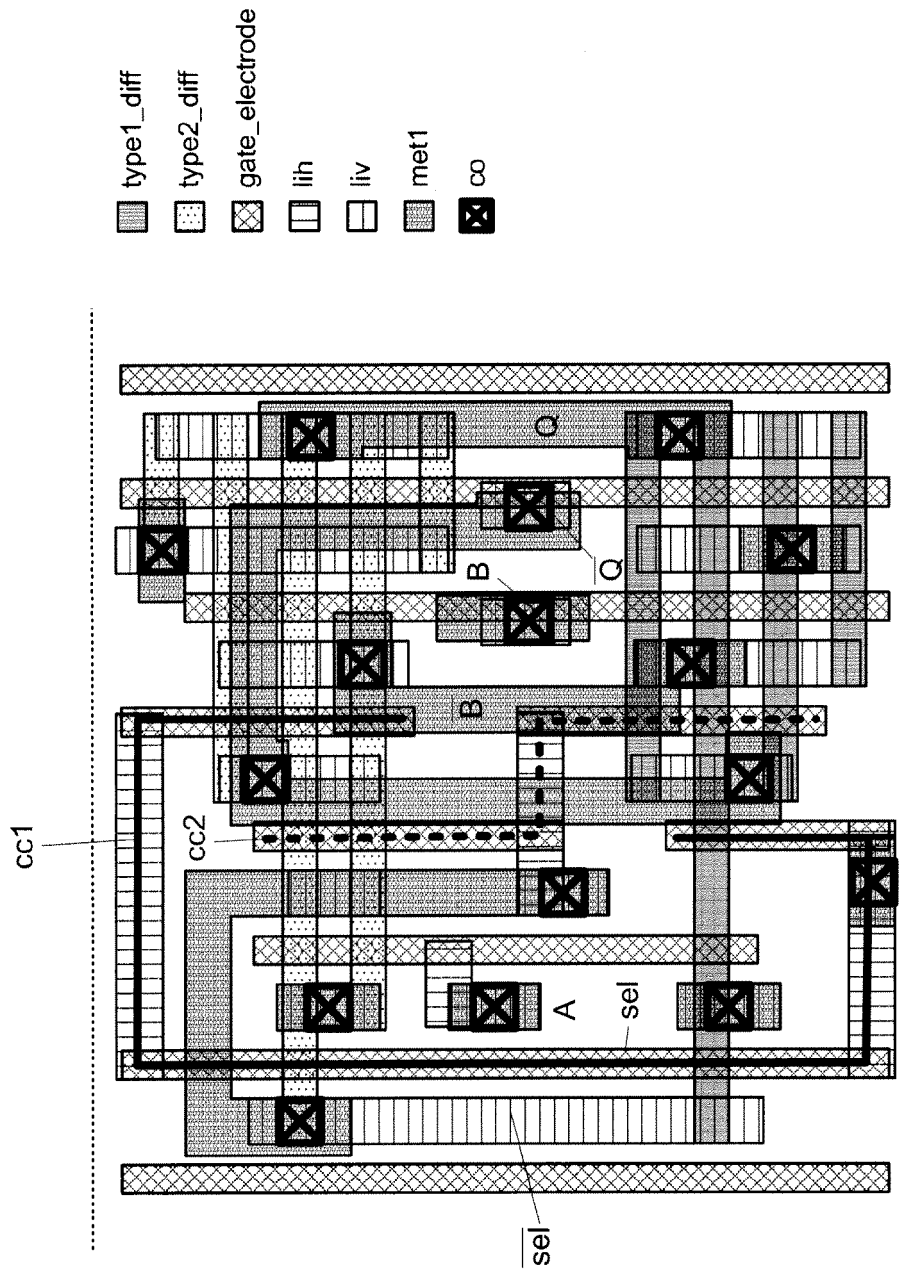


Fig. 54B

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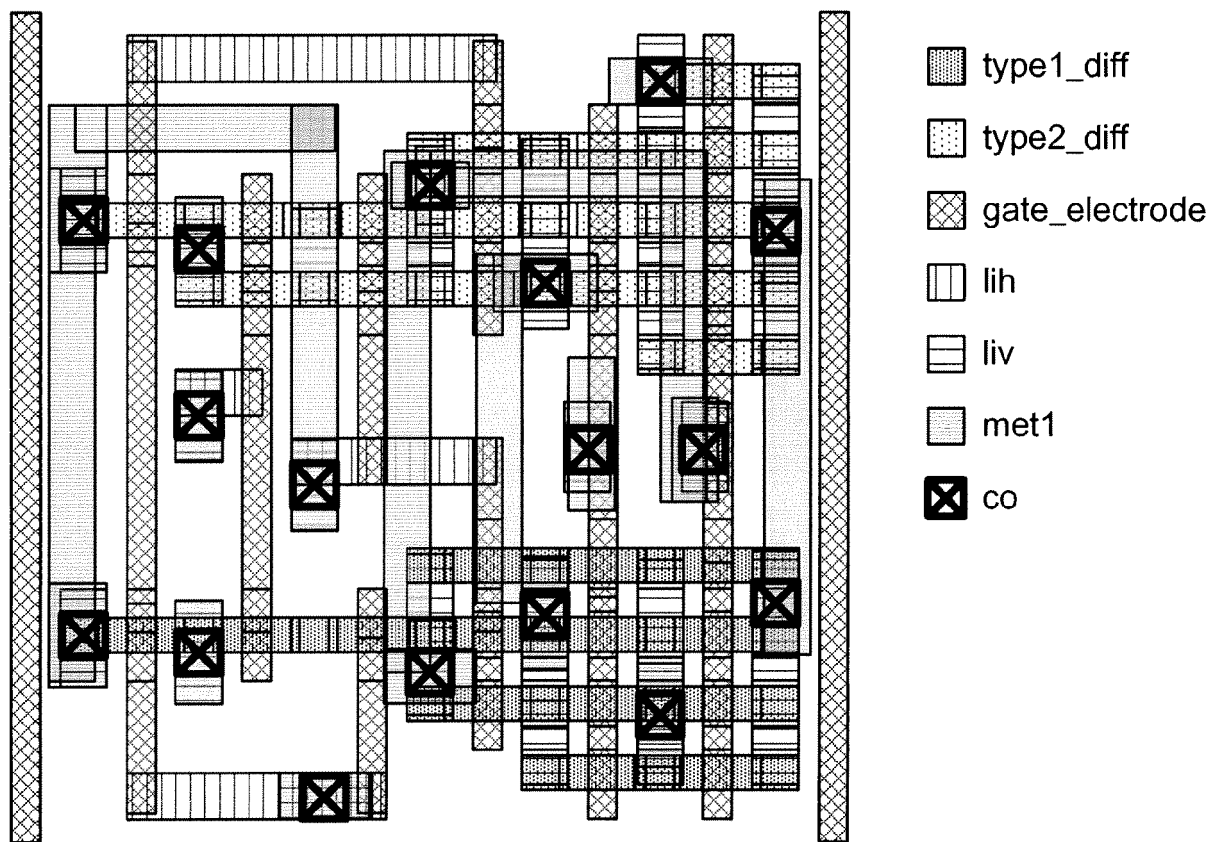


Fig. 55A

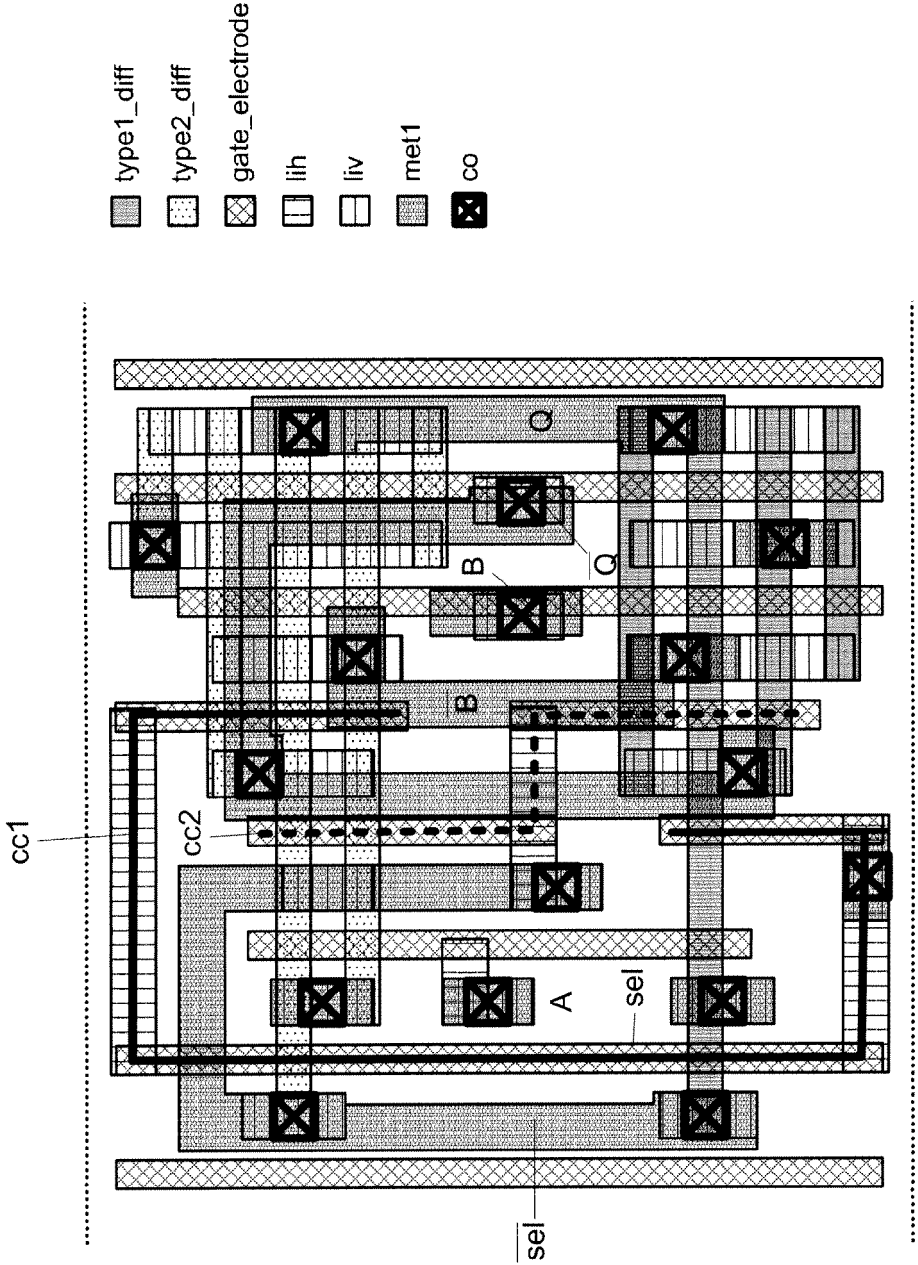


Fig. 55B

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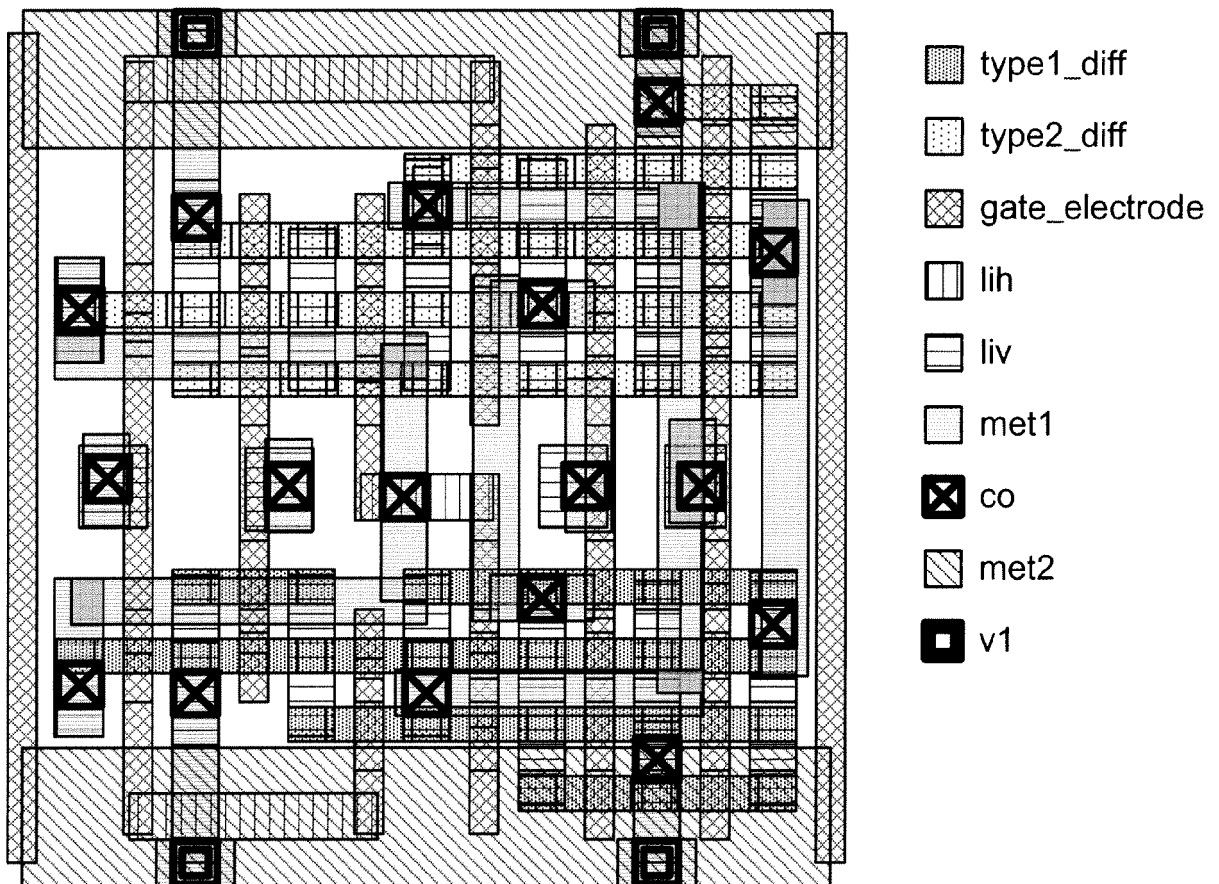


Fig. 56A

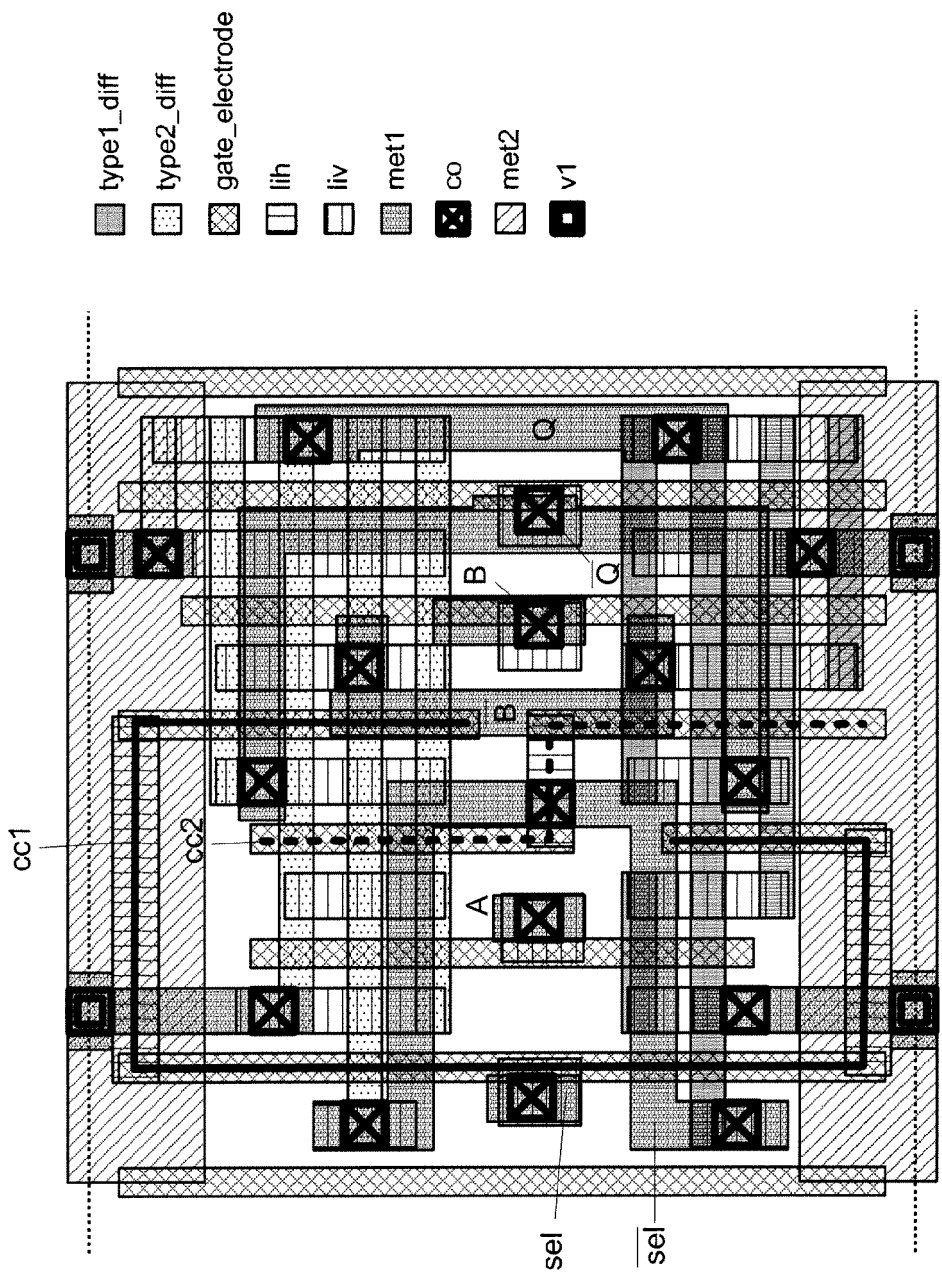


Fig. 56B

119/164

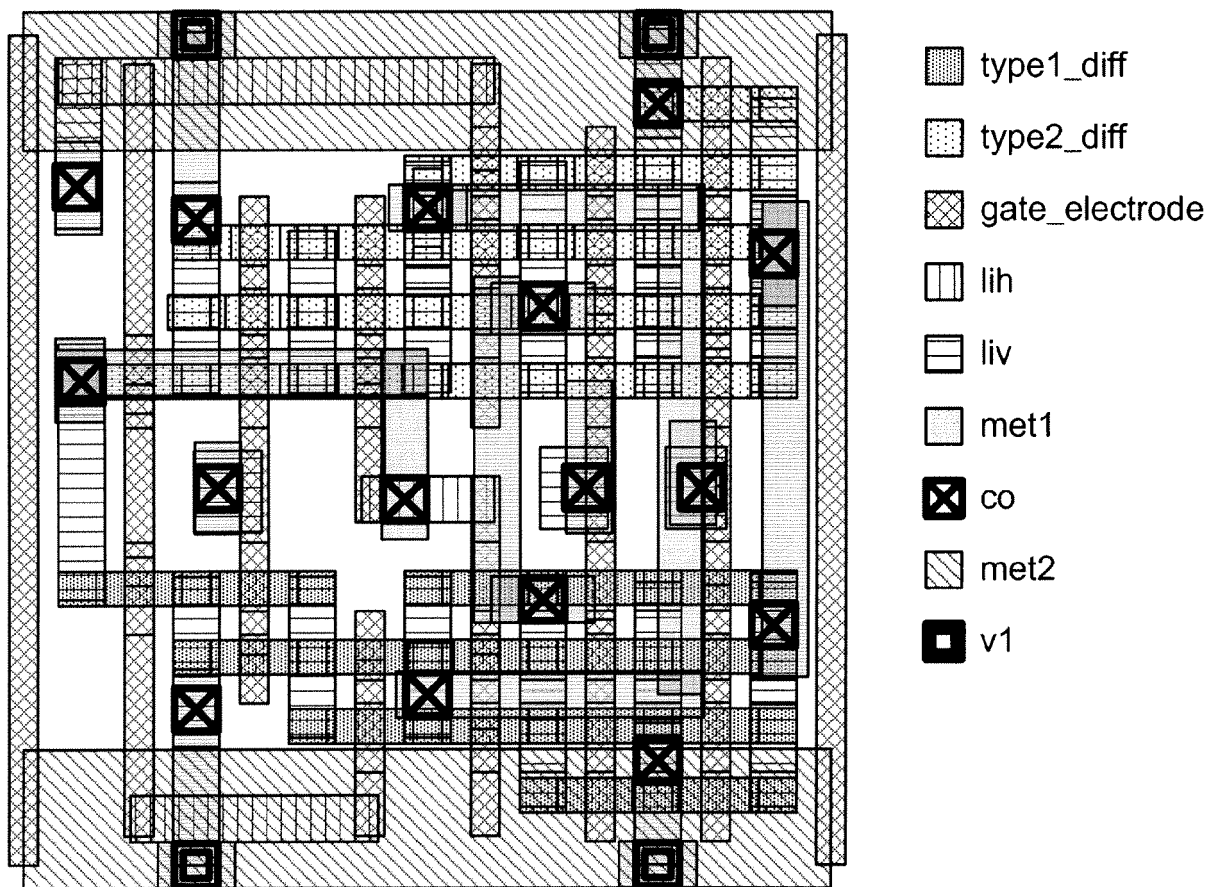


Fig. 57A

120/164

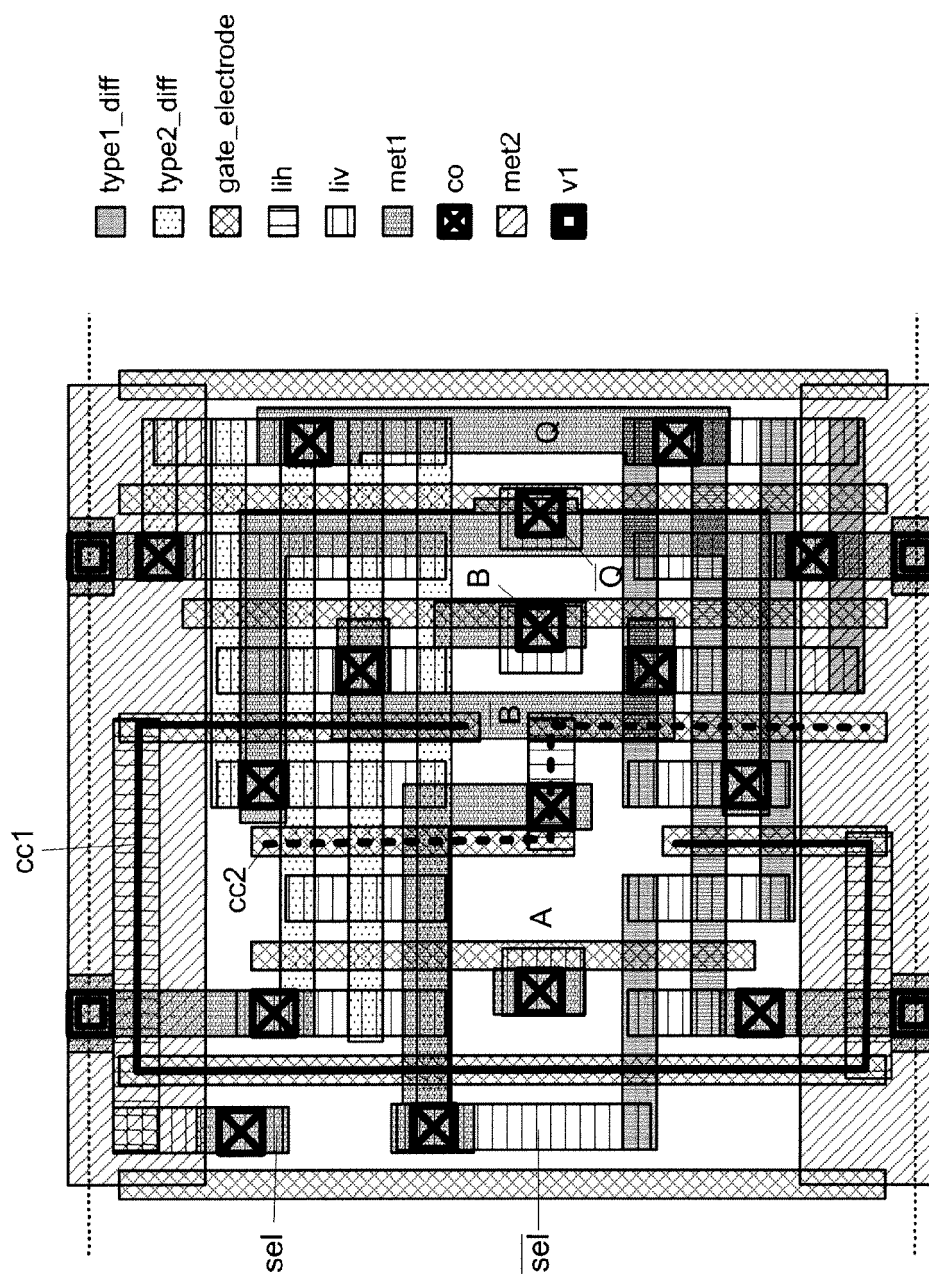


Fig. 57B

121/164

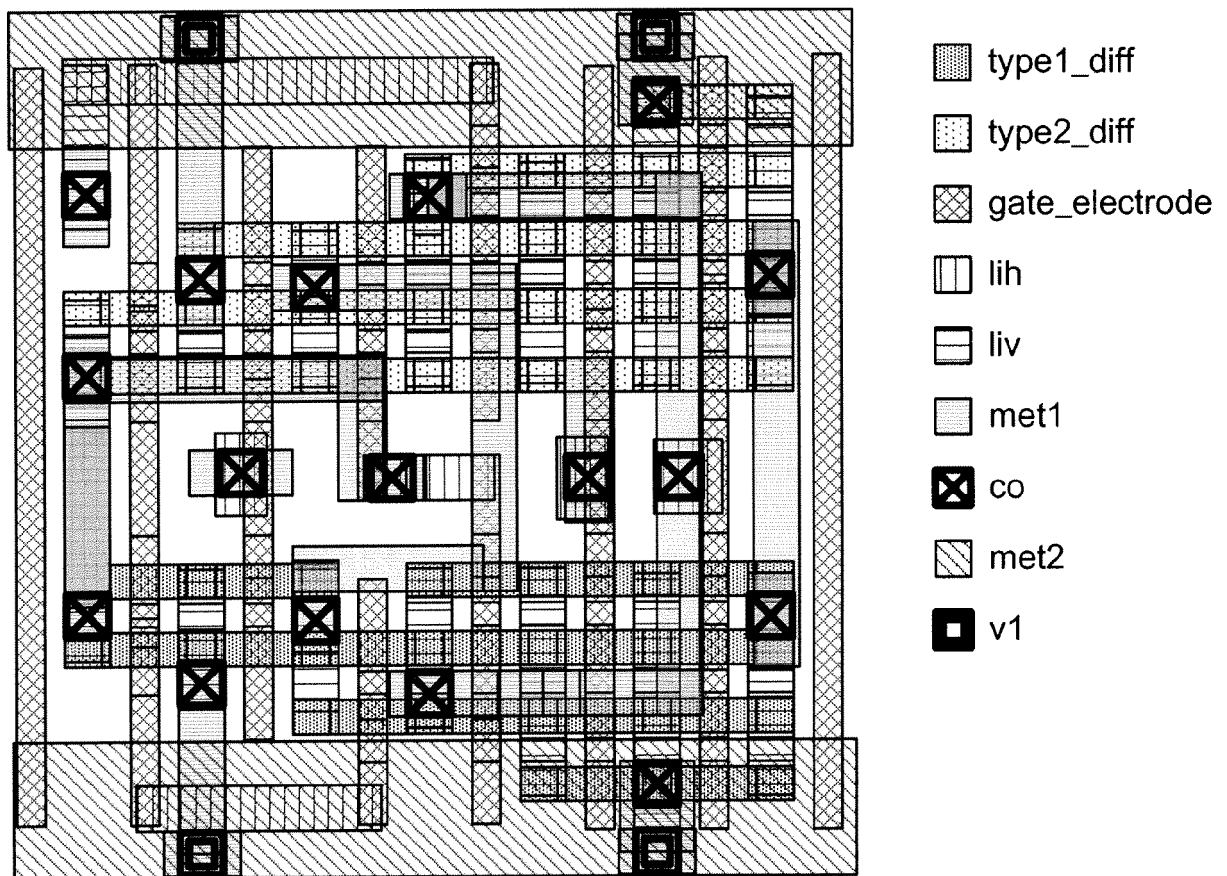


Fig. 58A

122/164

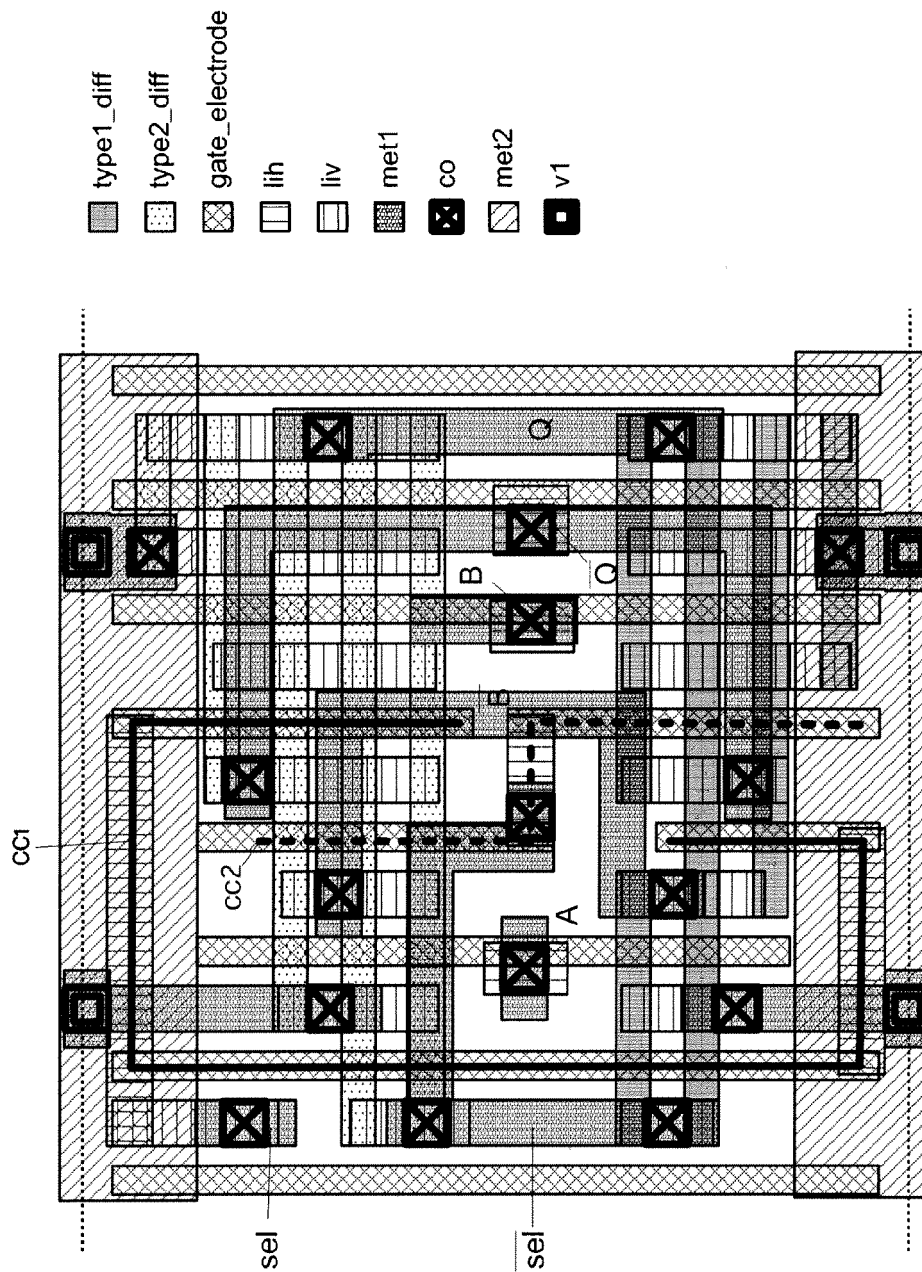


Fig. 58B

123/164

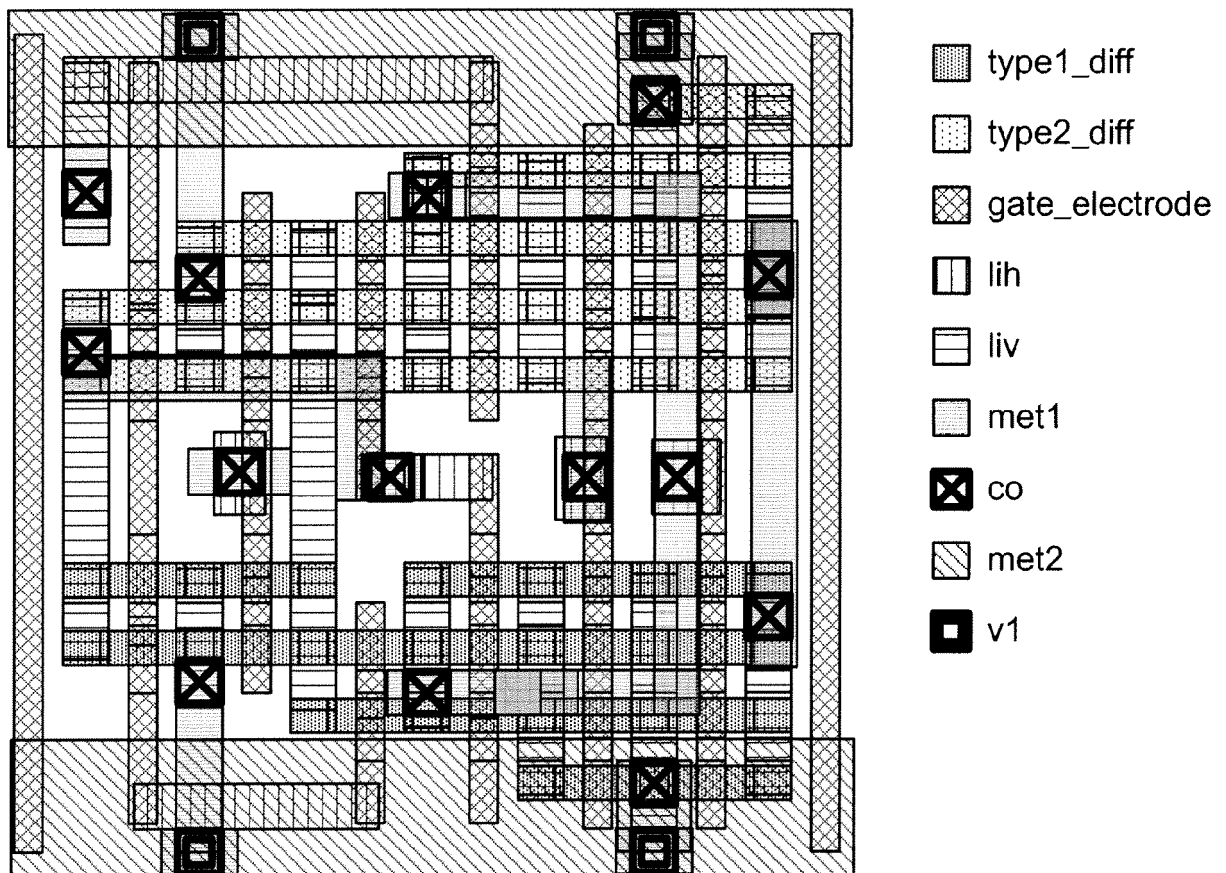


Fig. 59A

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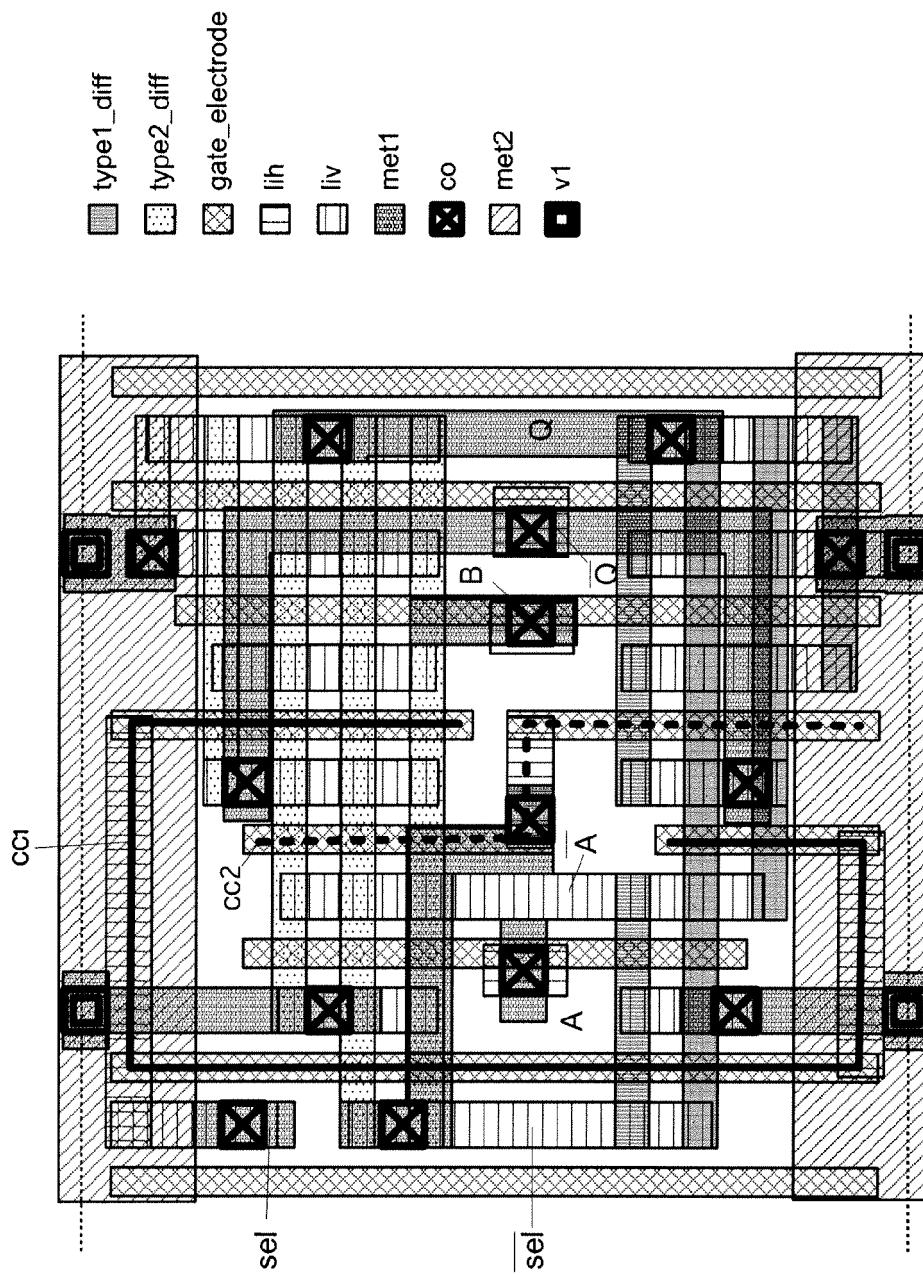


Fig. 59B

125/164

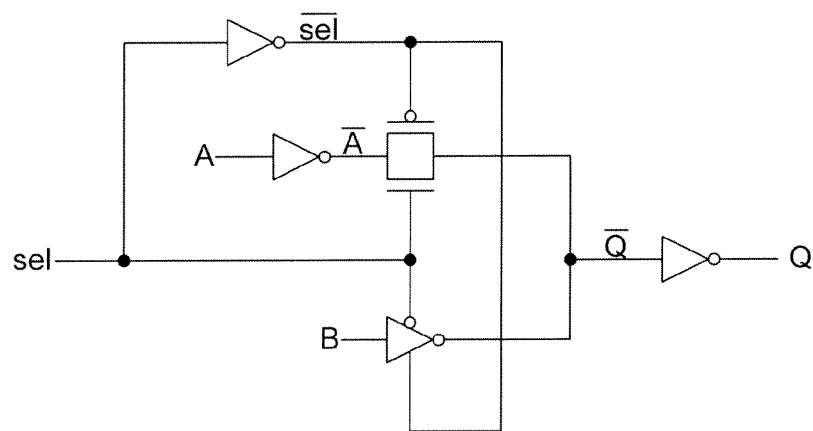


Fig. 59C

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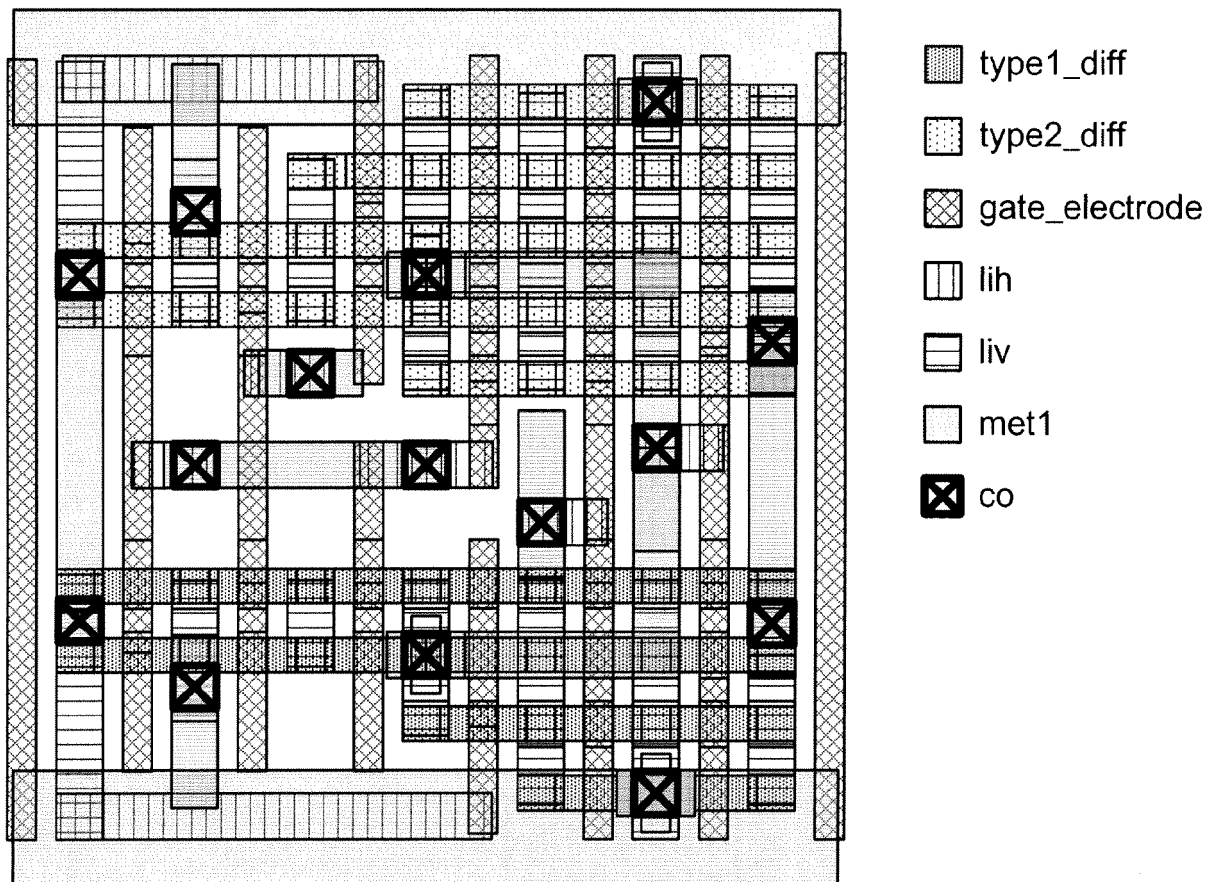


Fig. 60A

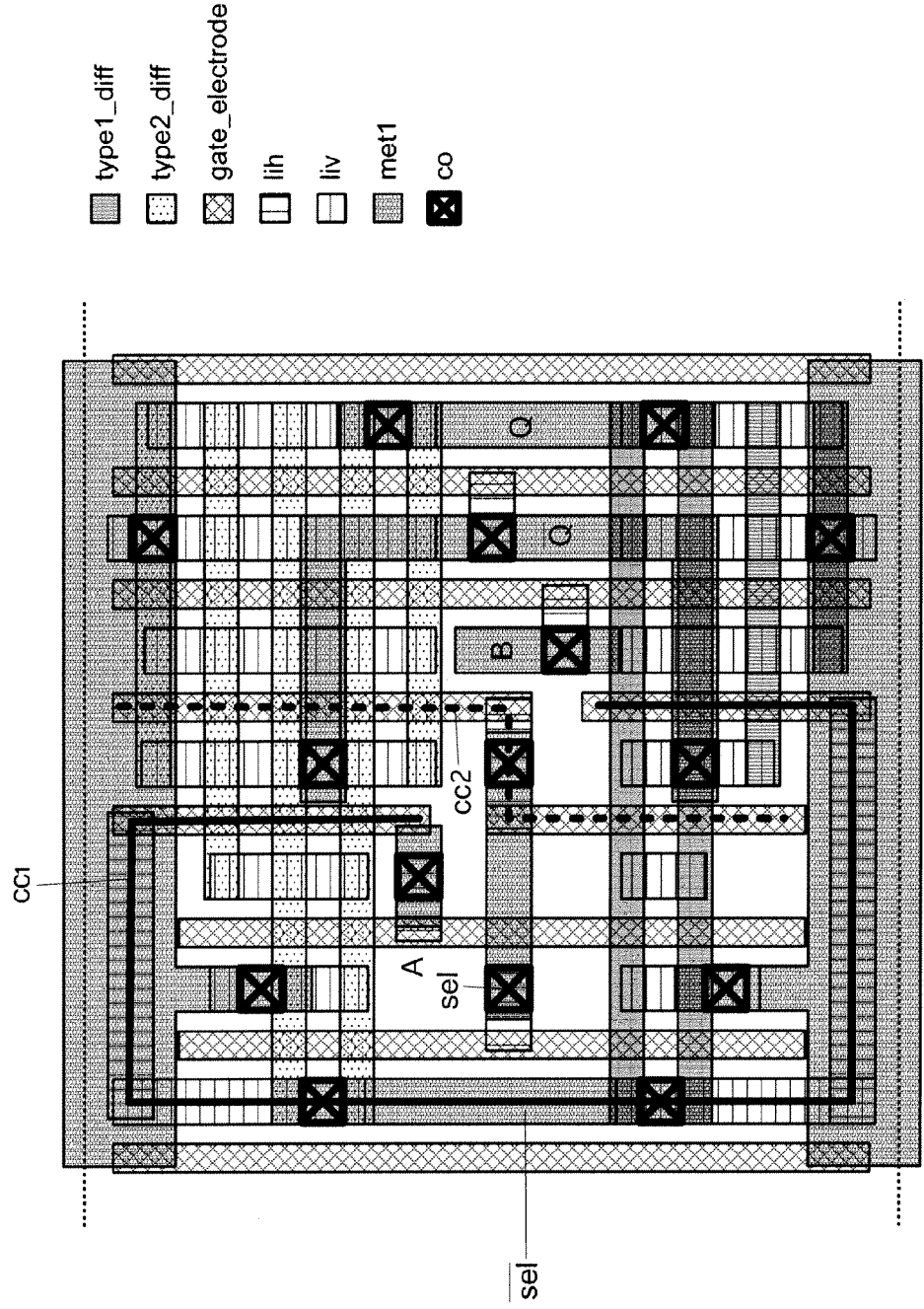


Fig. 60B

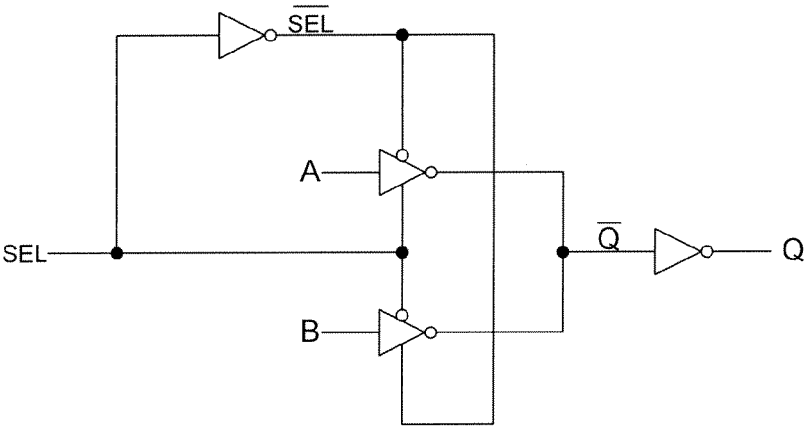


FIG. 60C

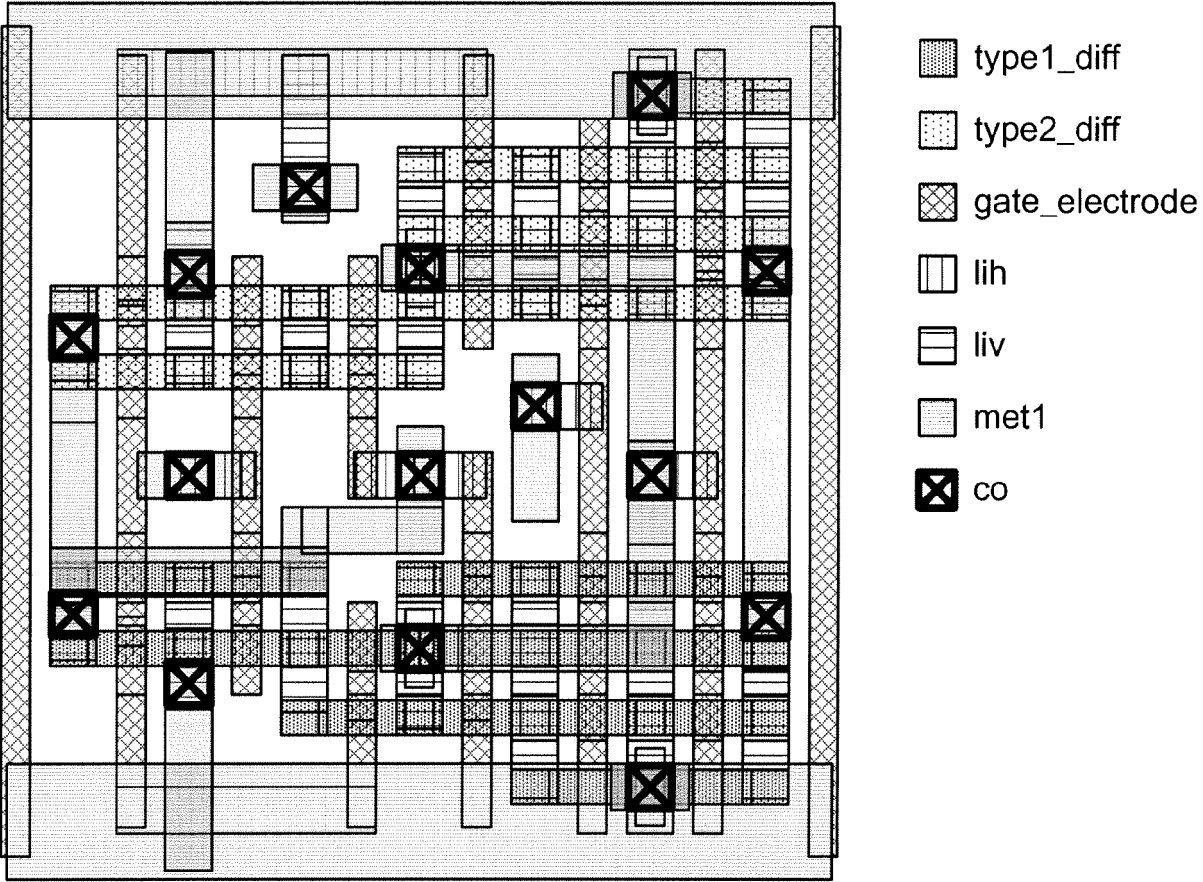


Fig. 61A

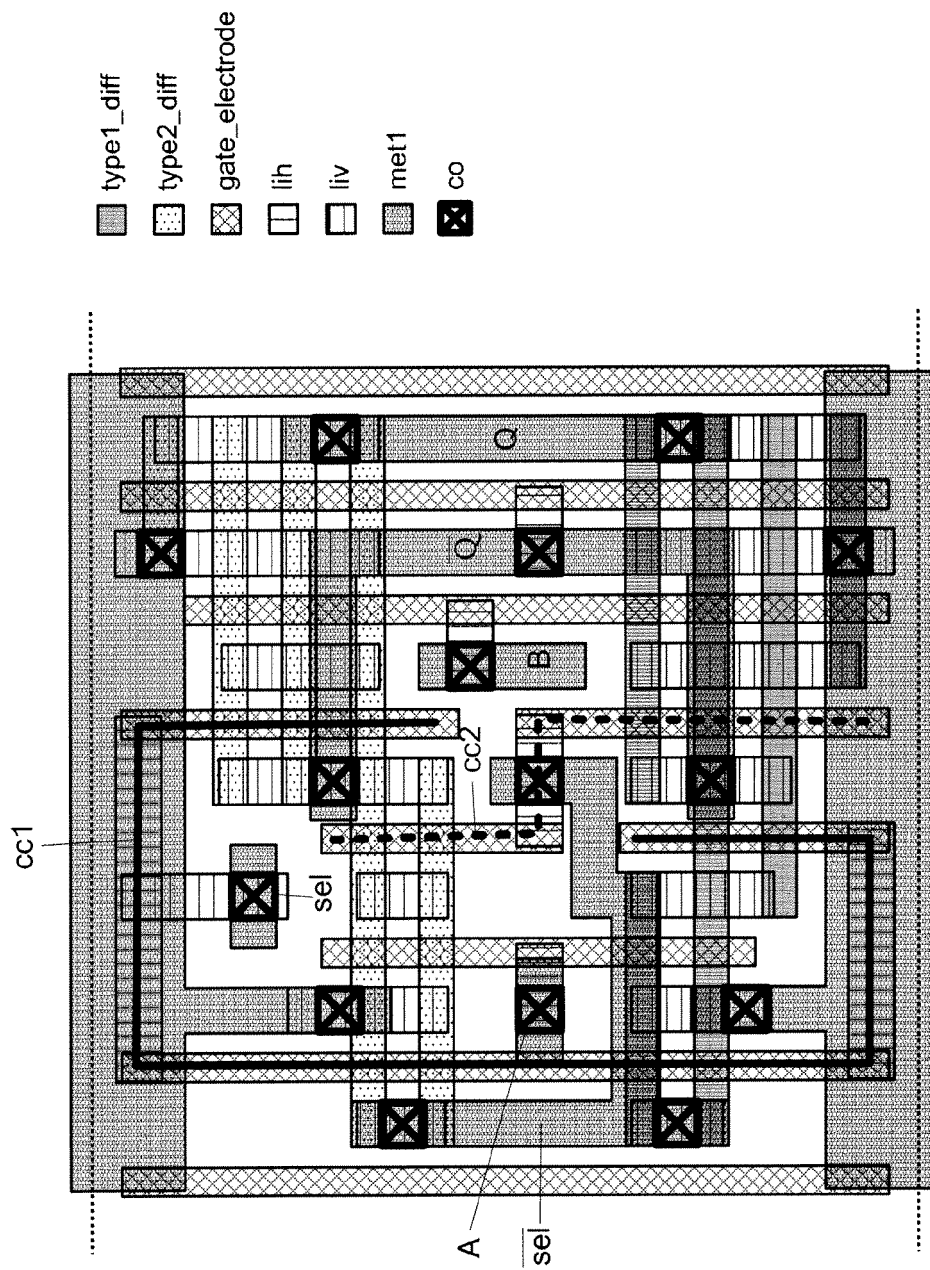


Fig. 61B

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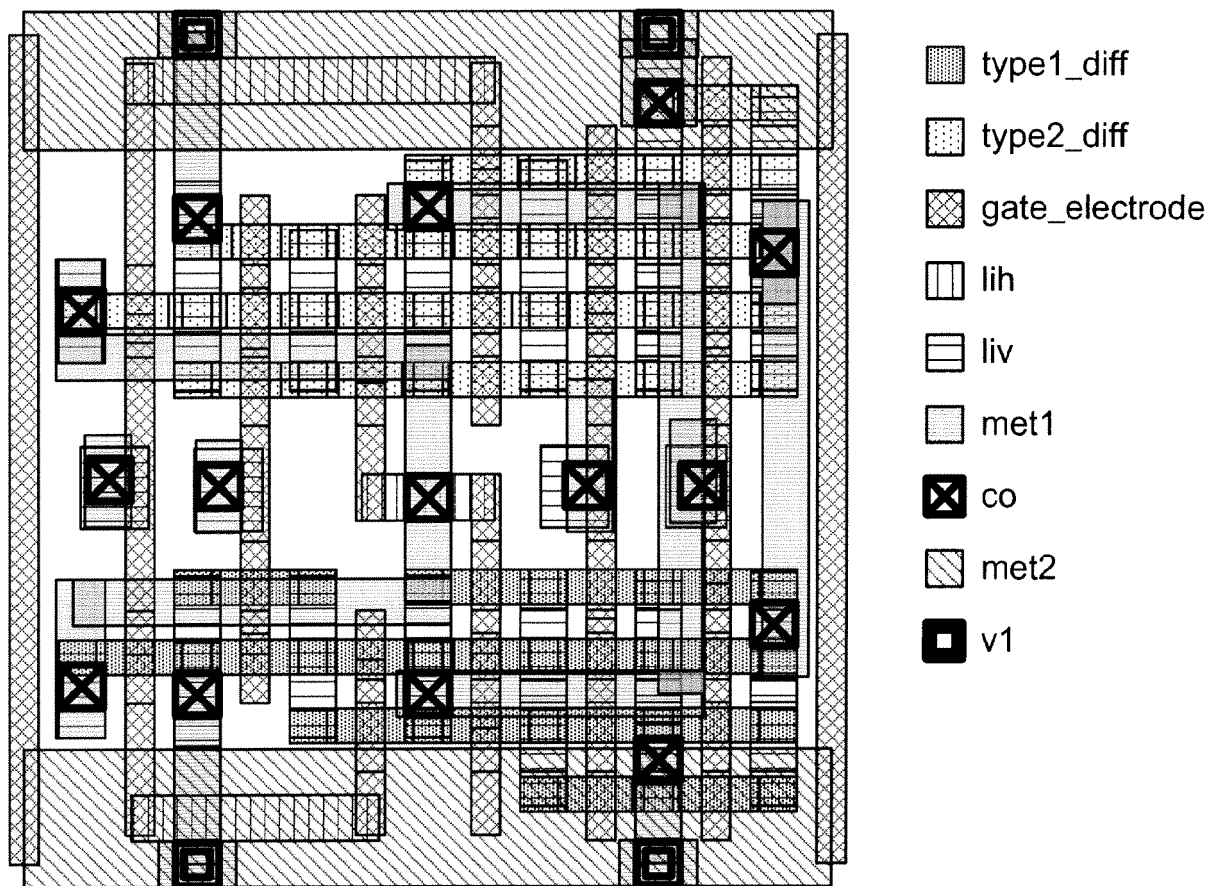


Fig. 62A

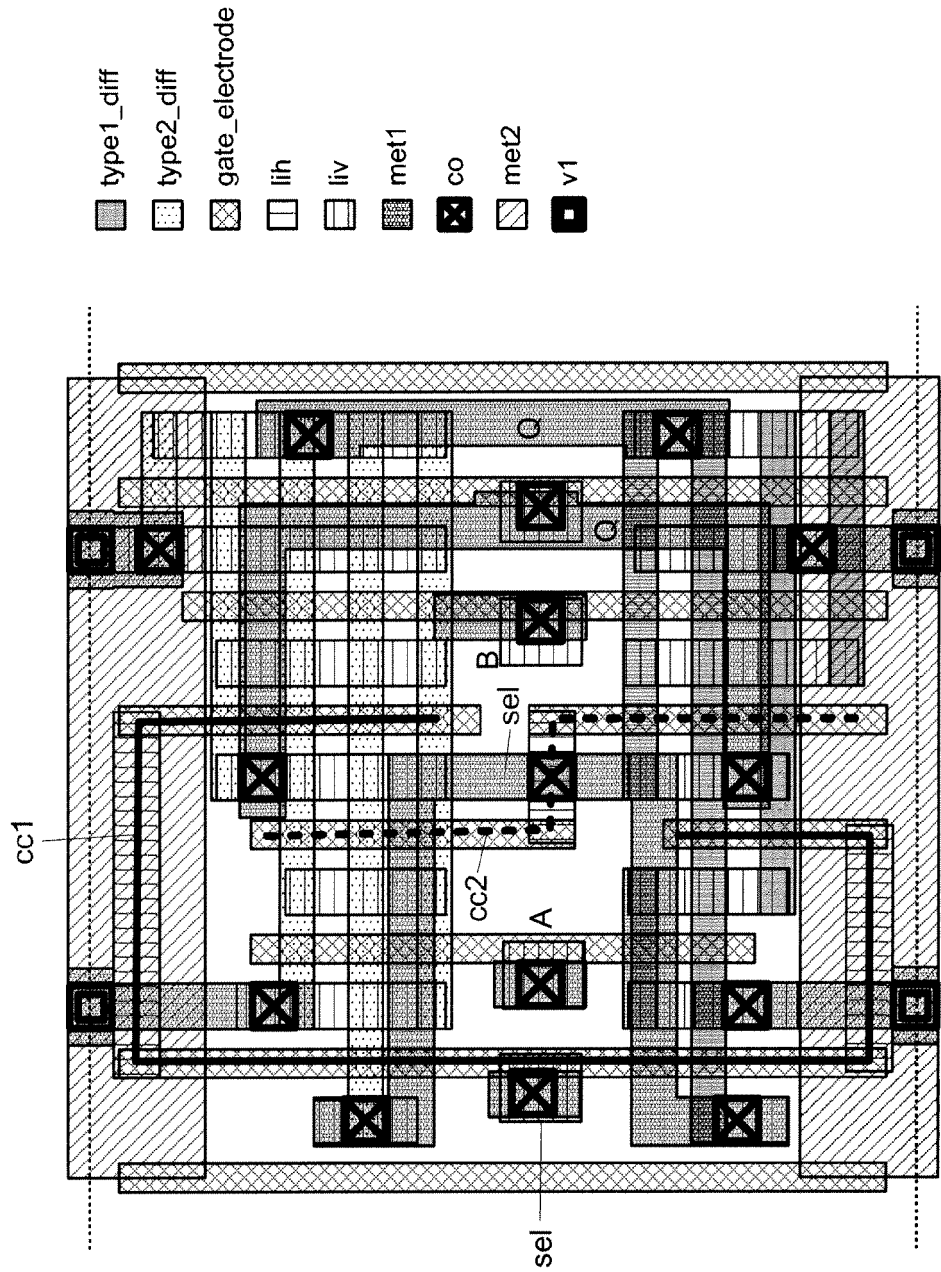


Fig. 62B

133/164

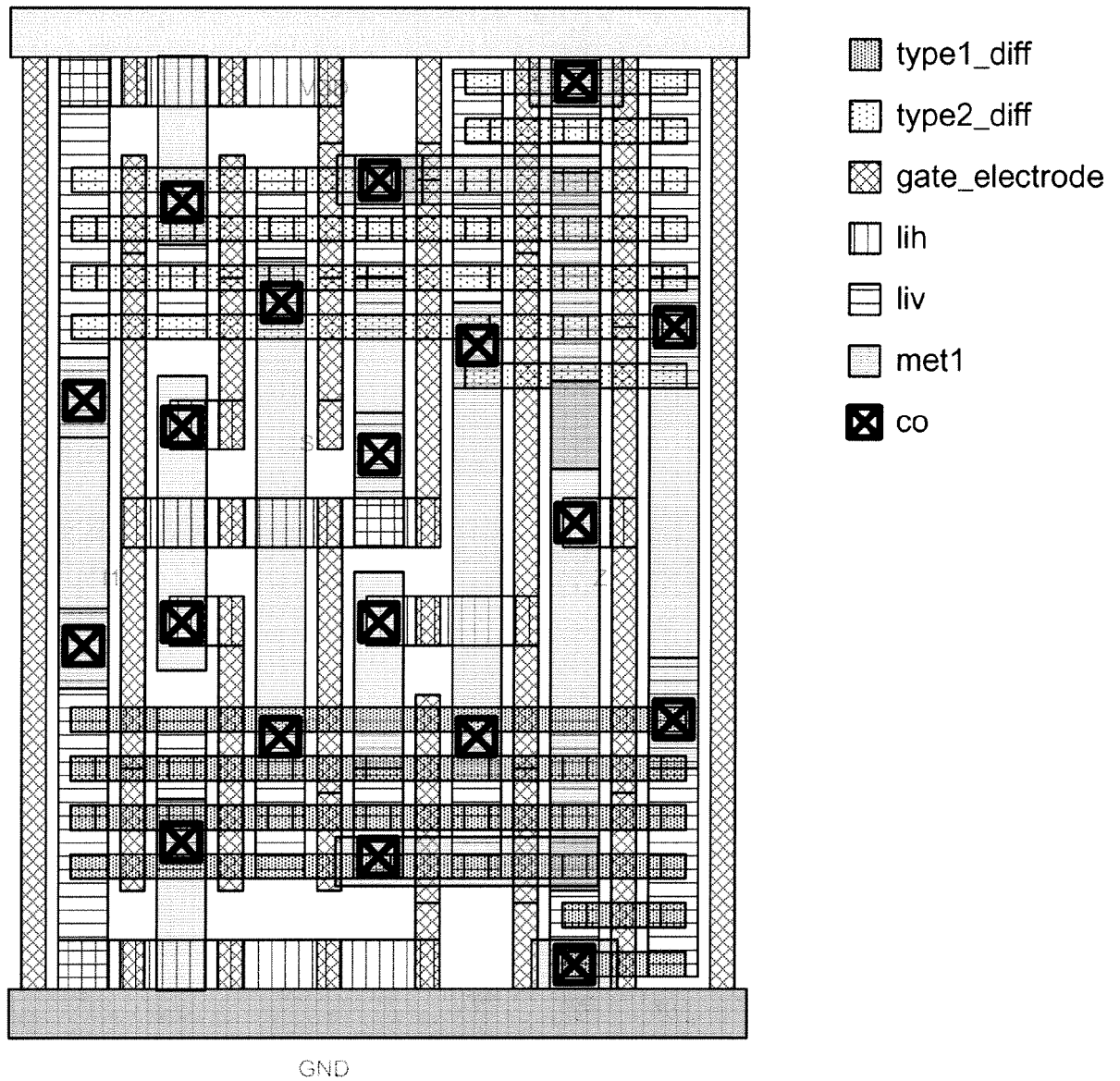


Fig. 63A

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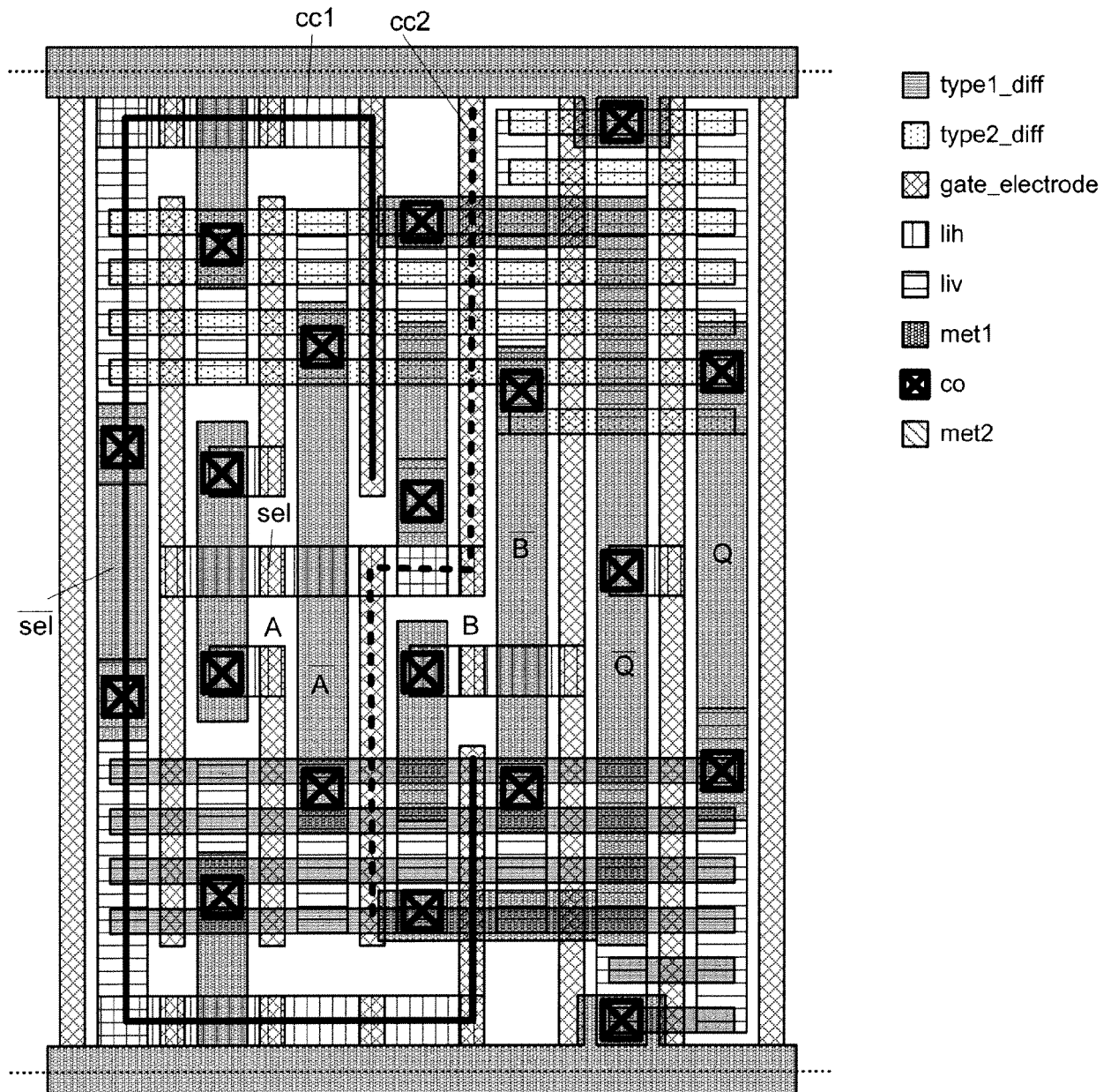


Fig. 63B

135/164

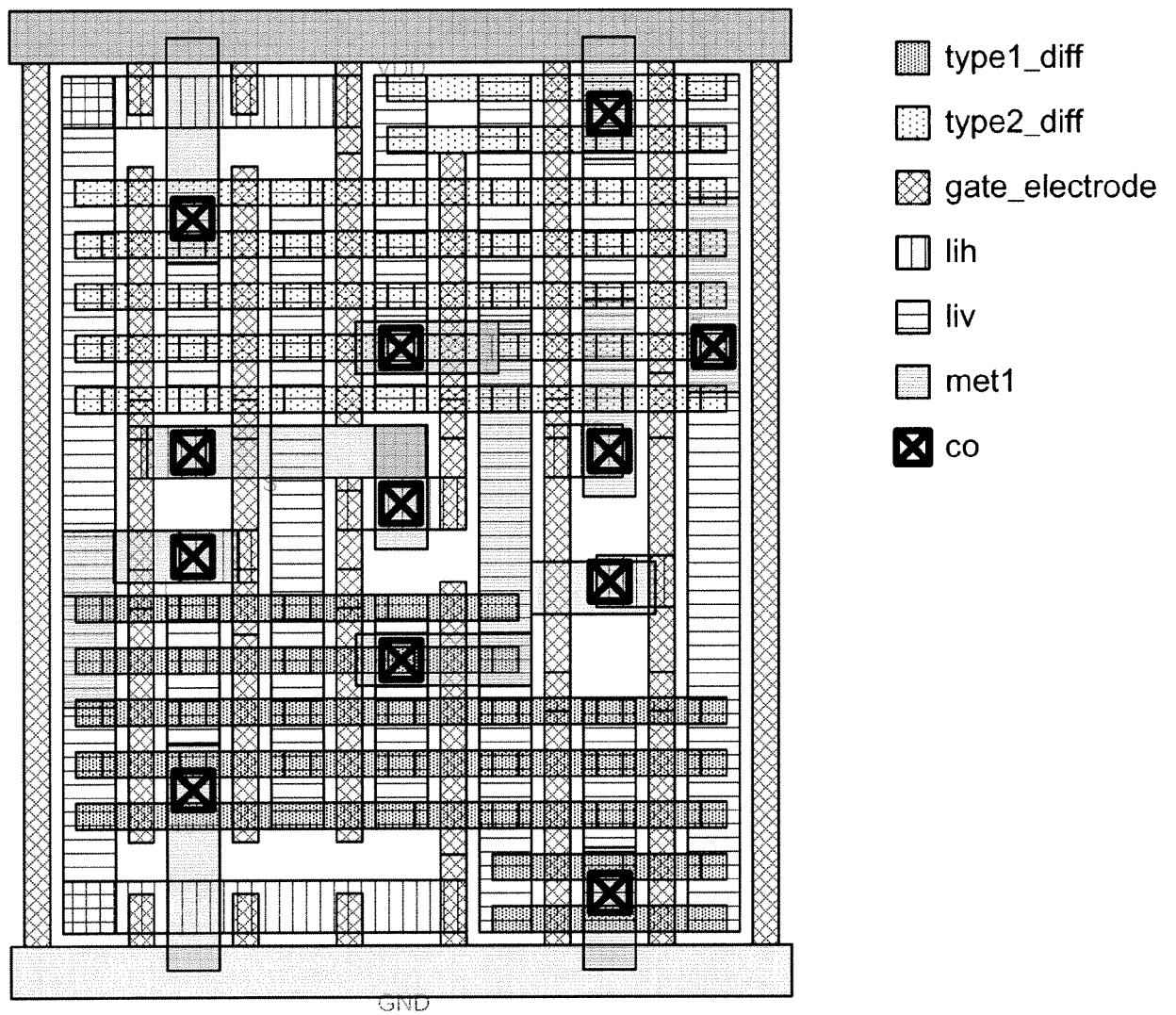


Fig. 64A

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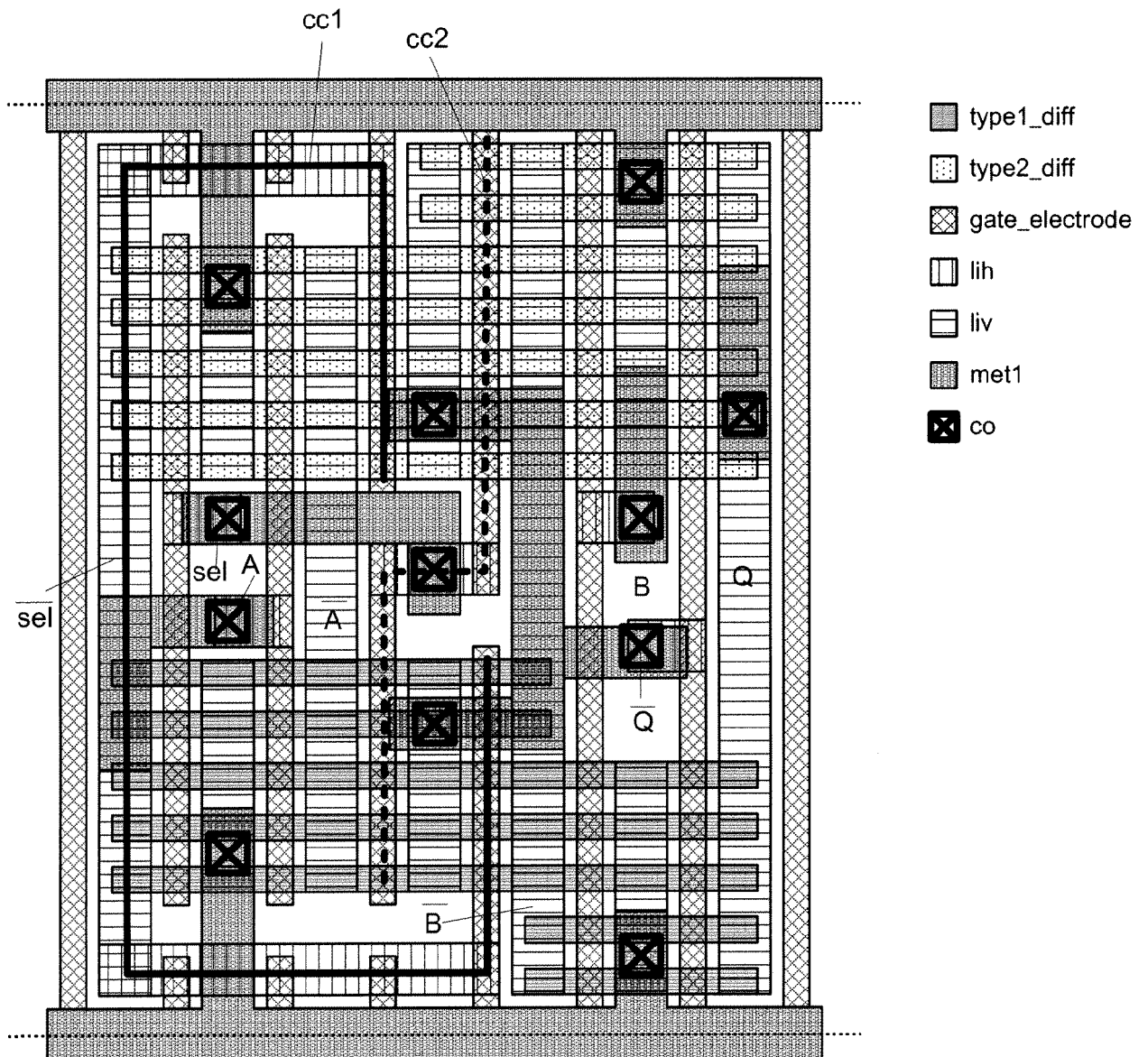


Fig. 64B

137/164

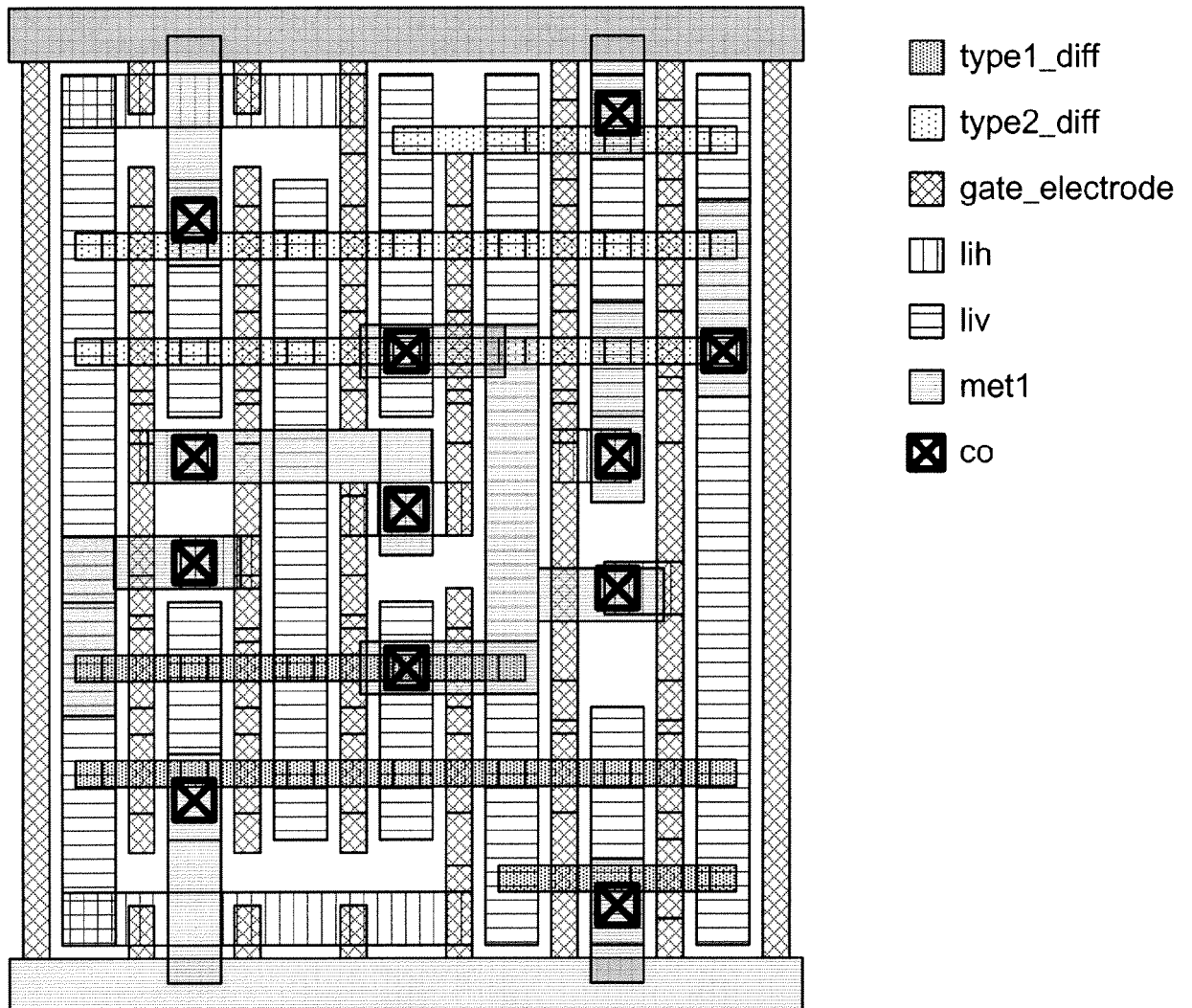


Fig. 65A

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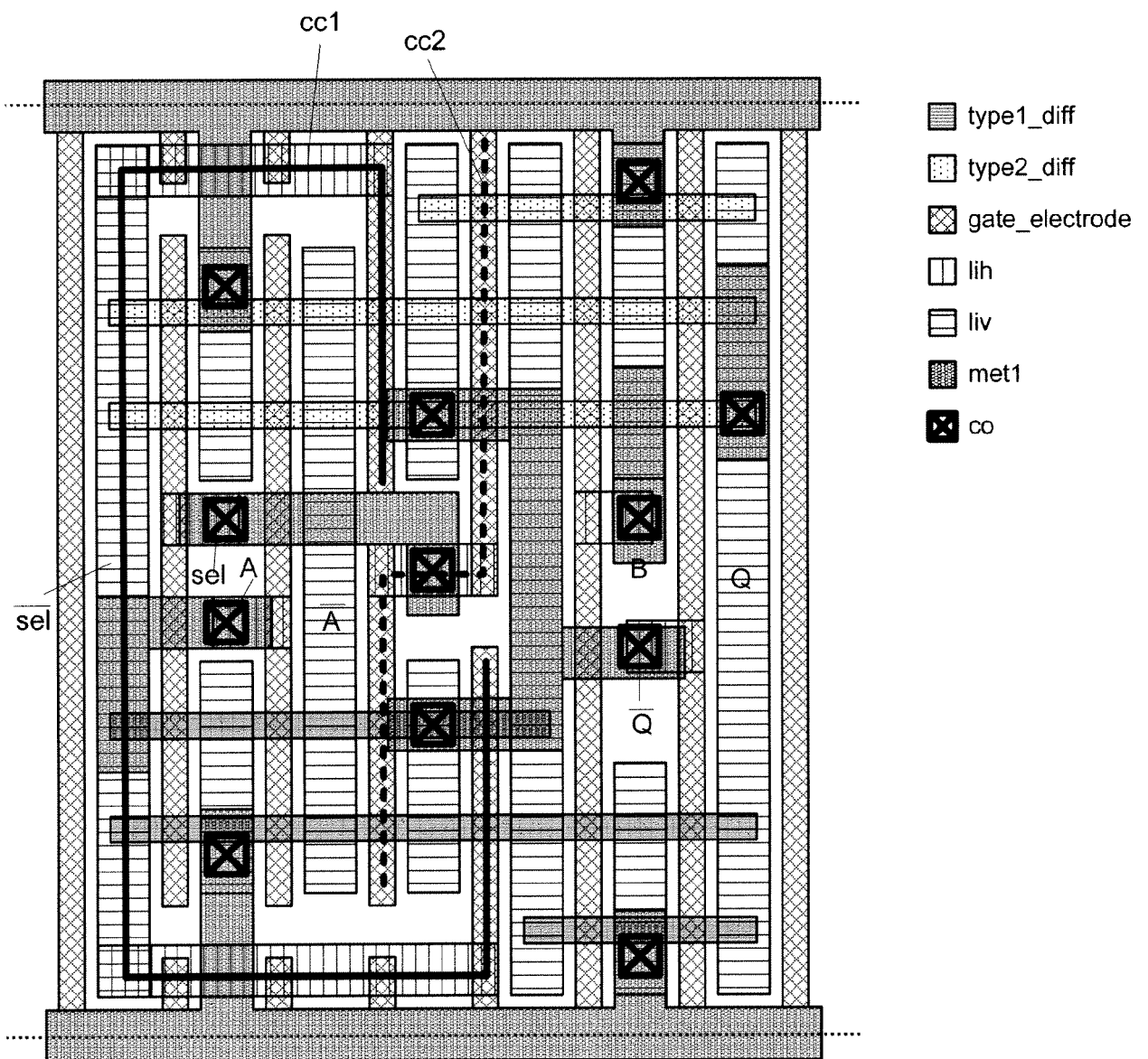


Fig. 65B

139/164

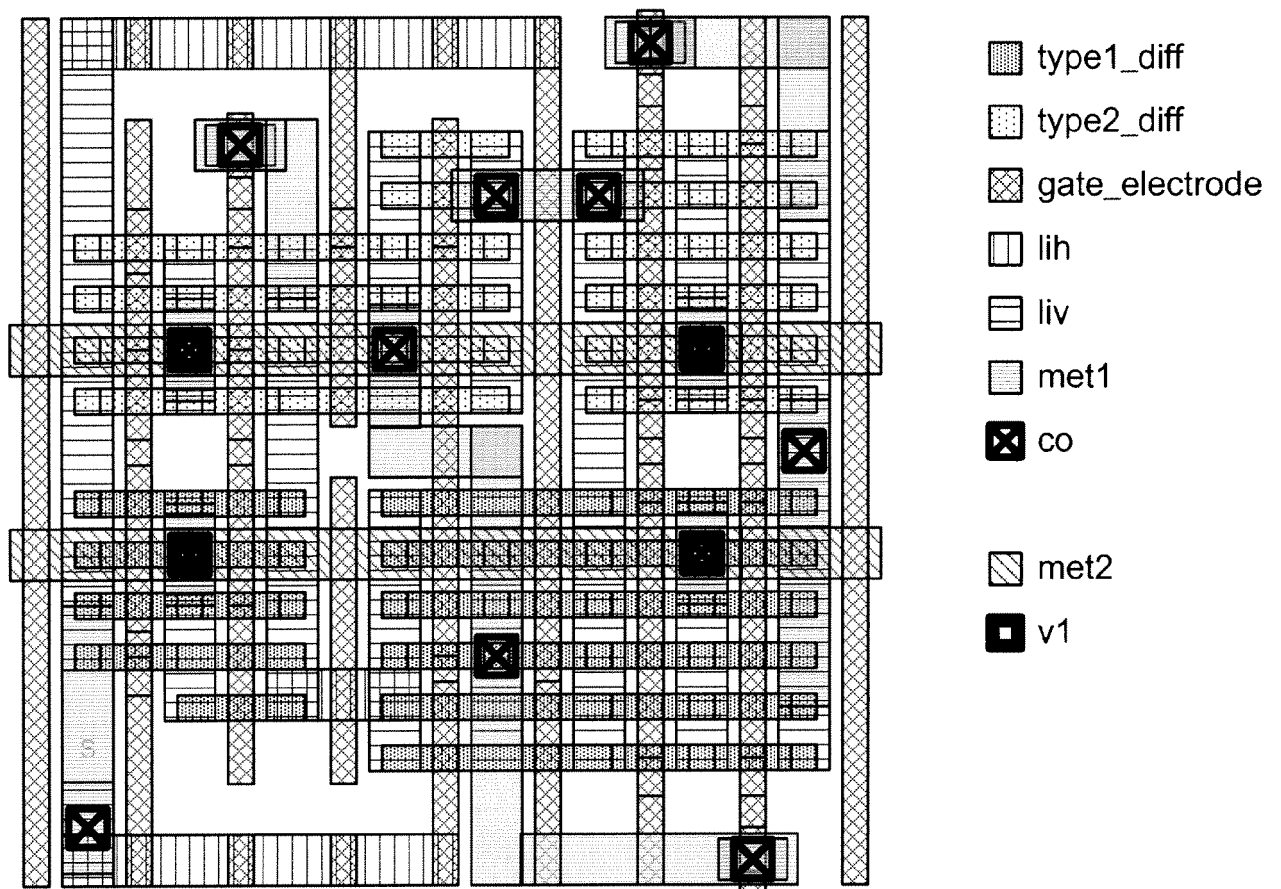


Fig. 66A

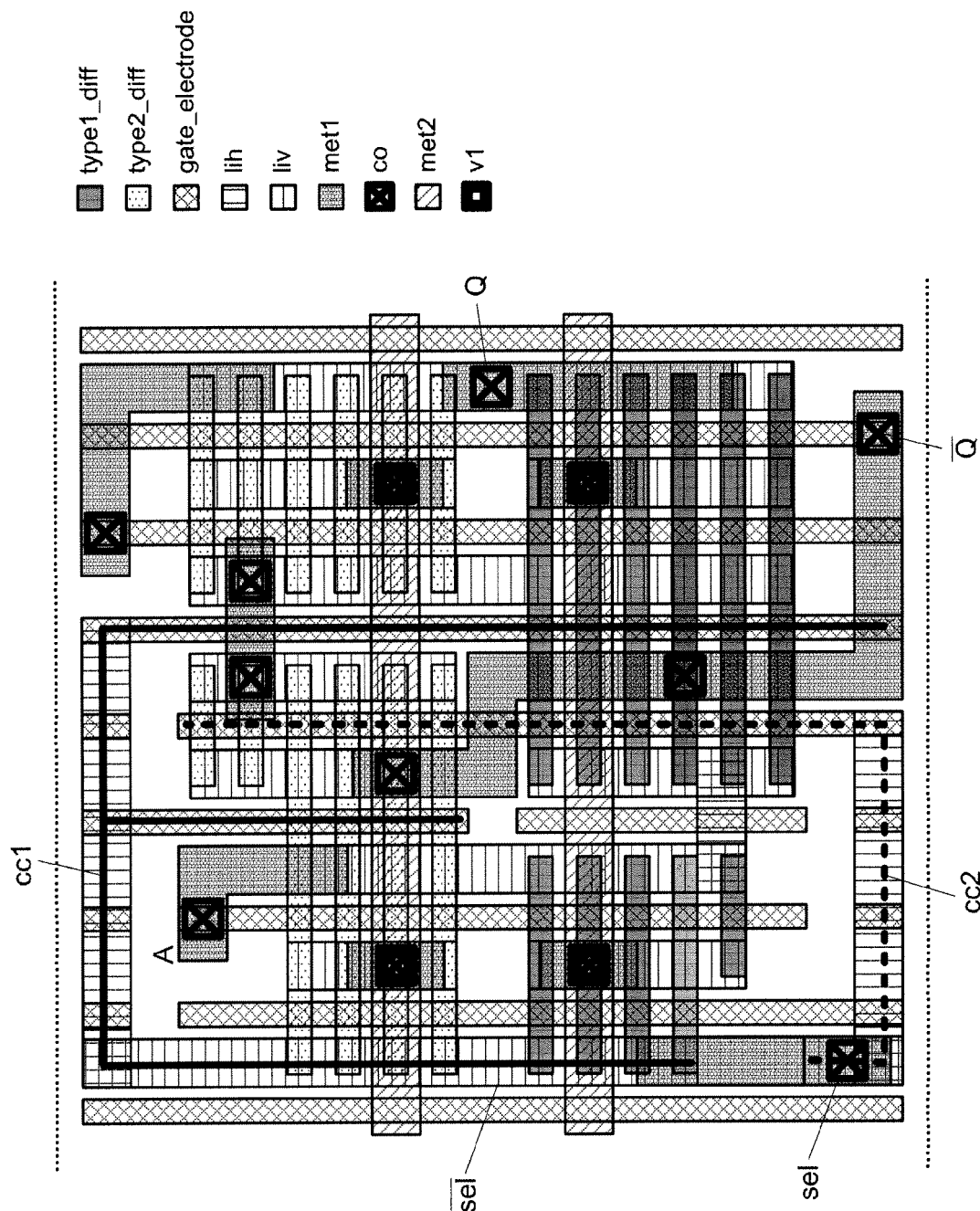


Fig. 66B

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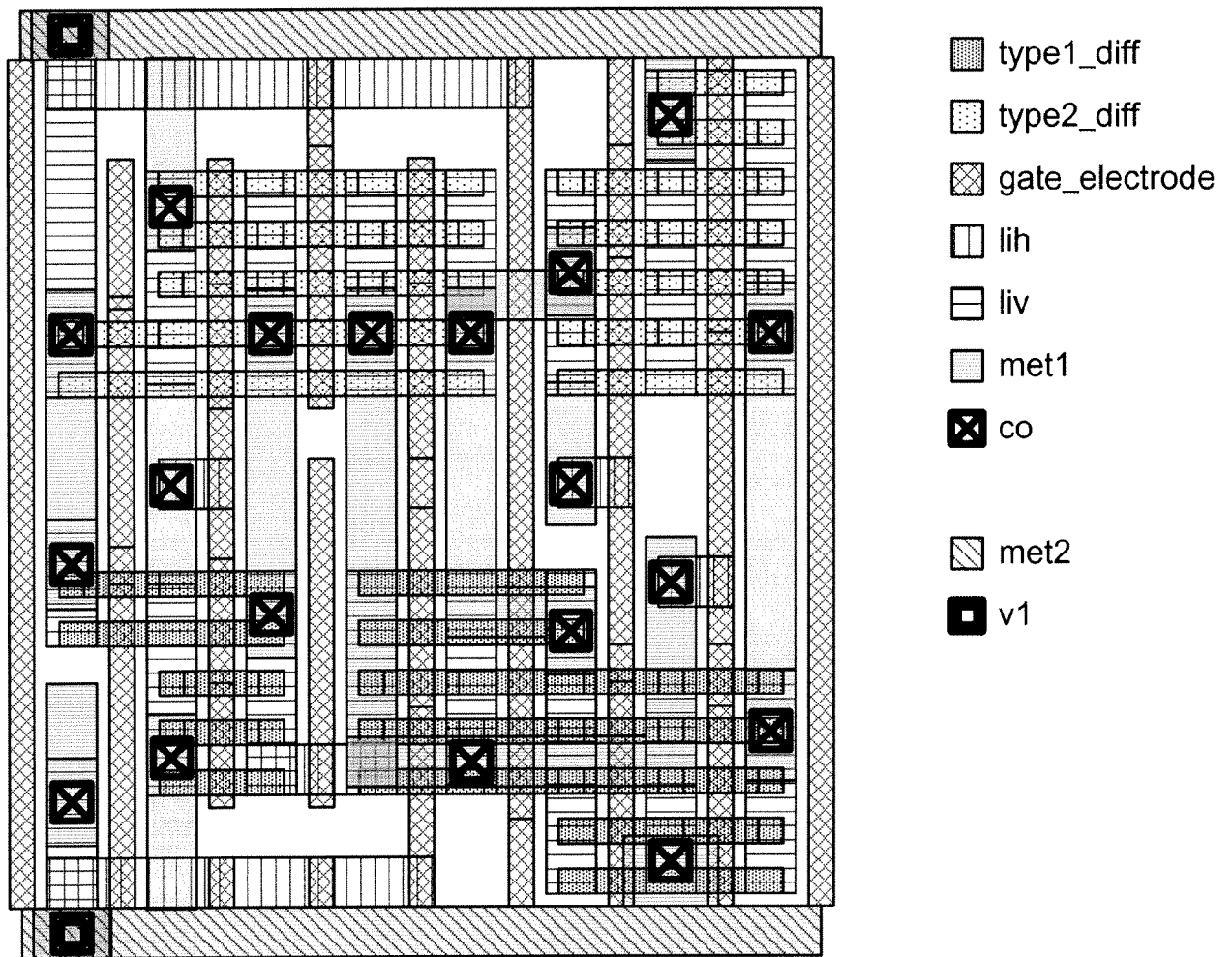


Fig. 67A

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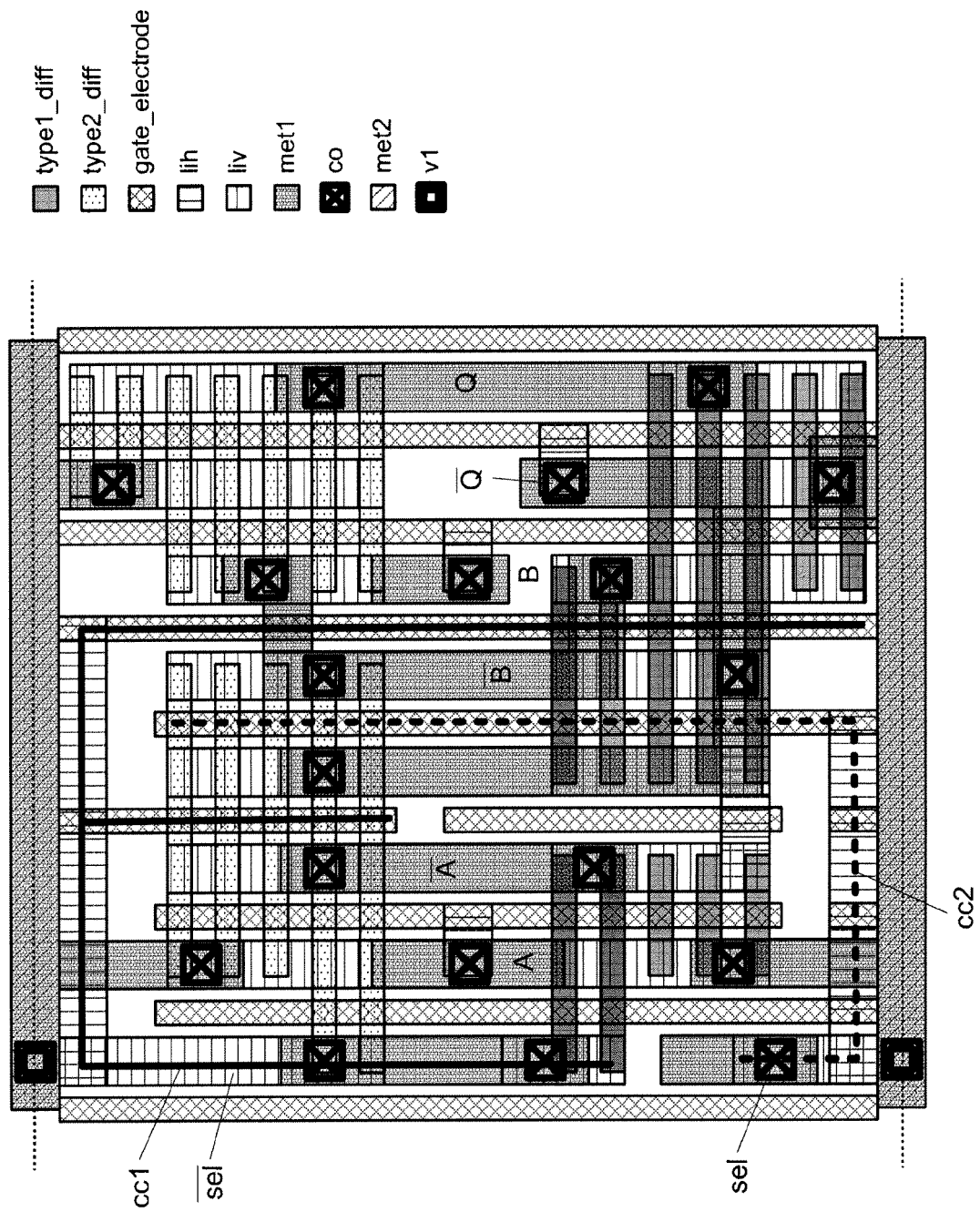


Fig. 67B

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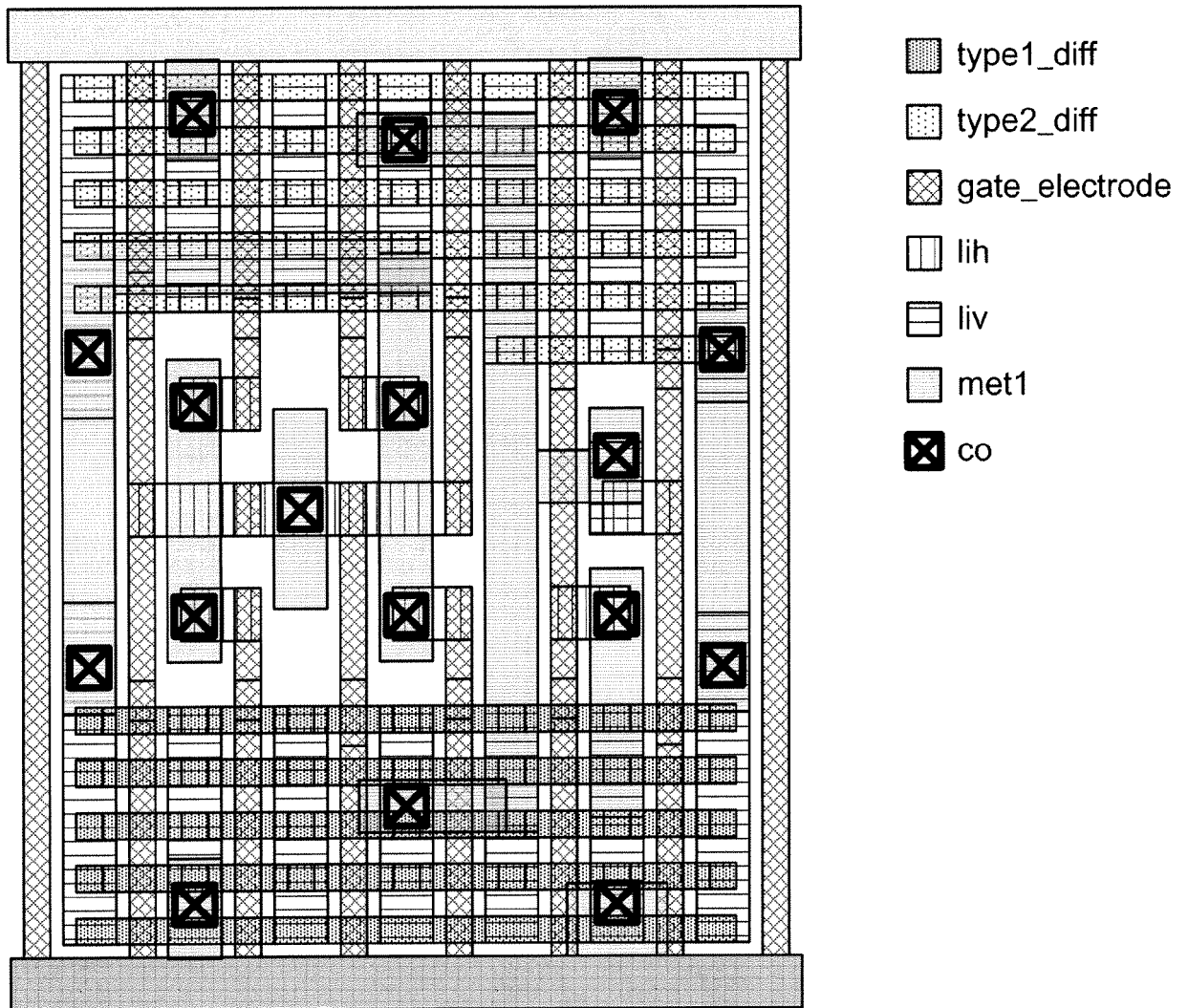


Fig. 68A

144/164

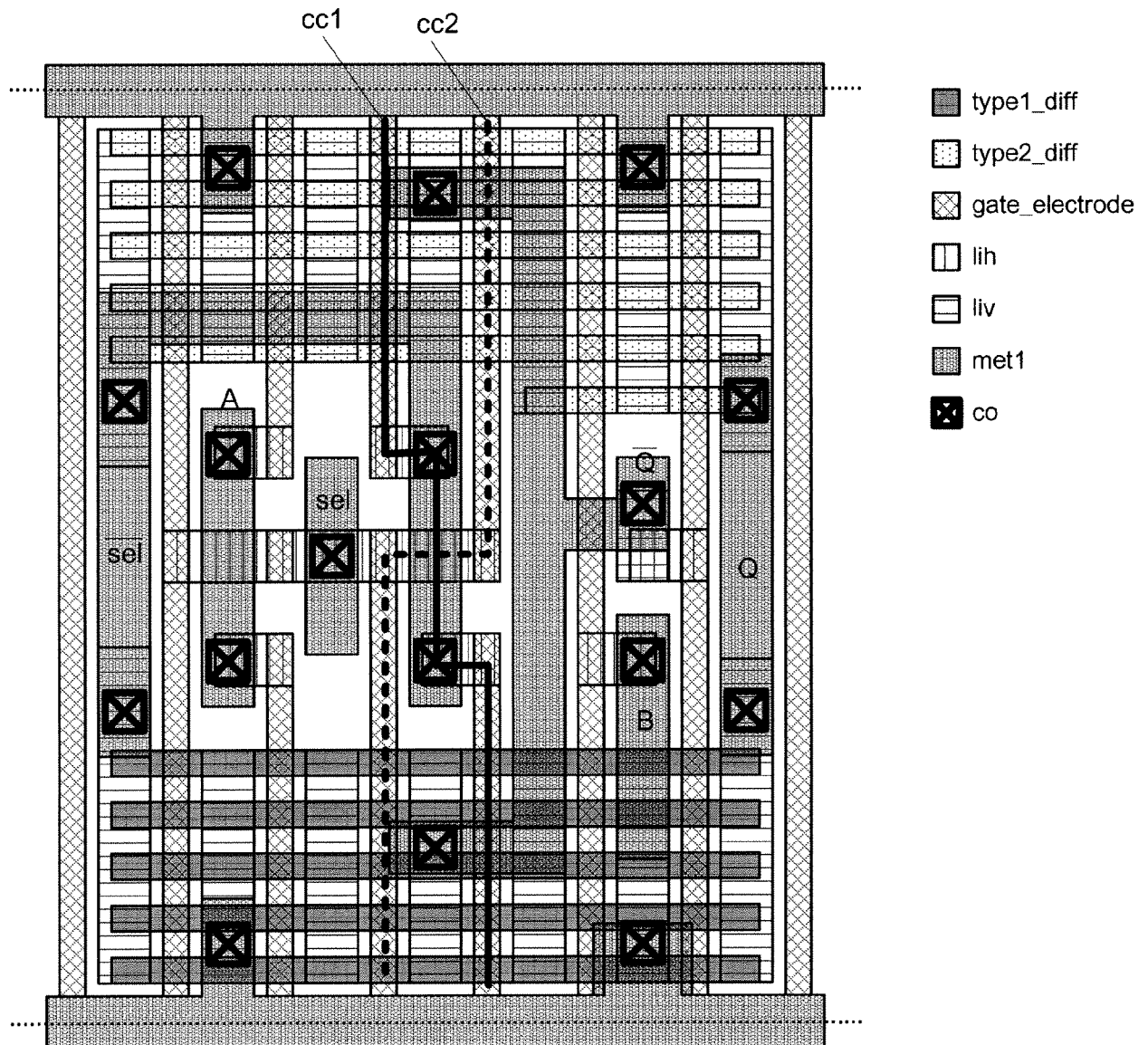


Fig. 68B

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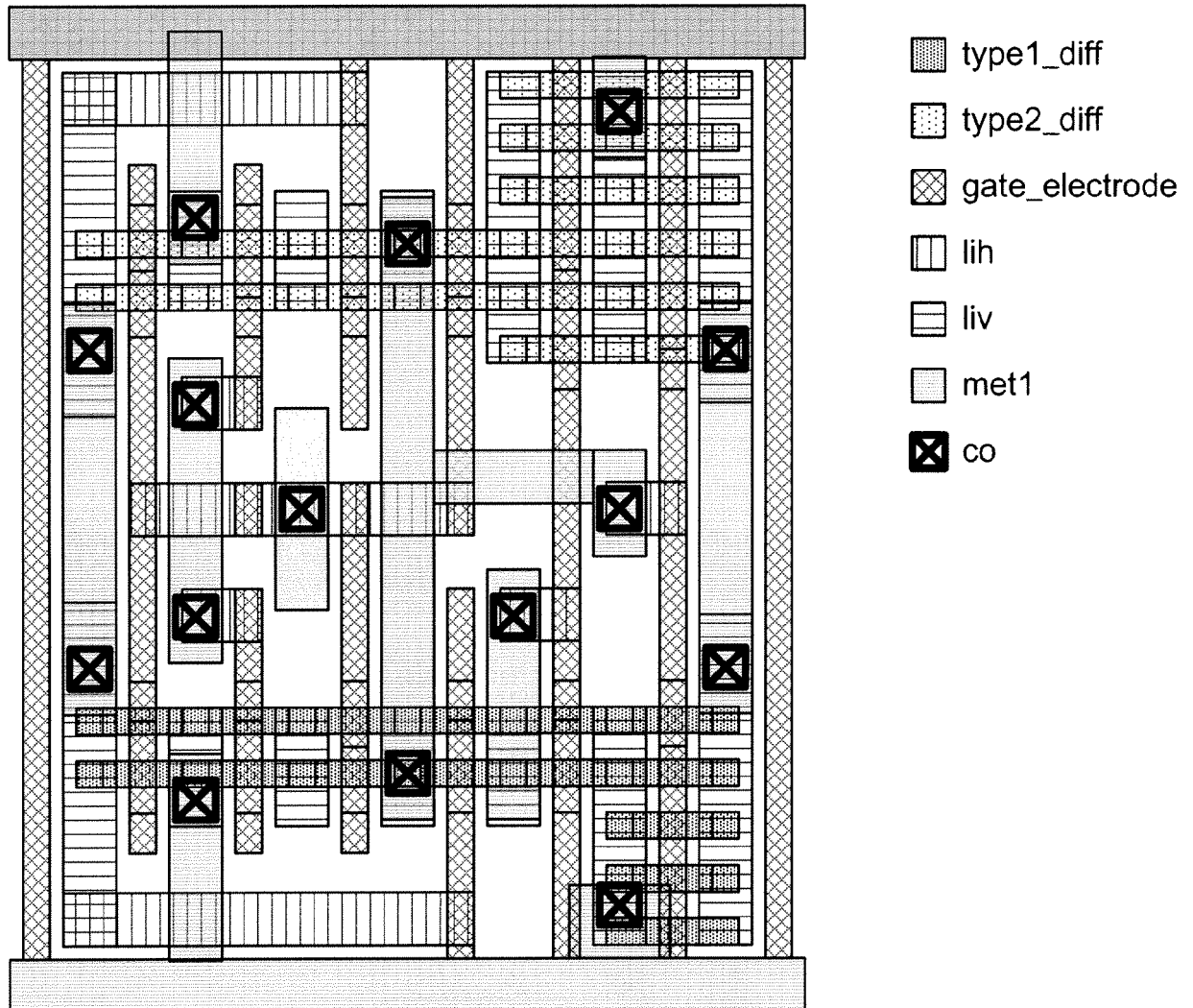


Fig. 69A

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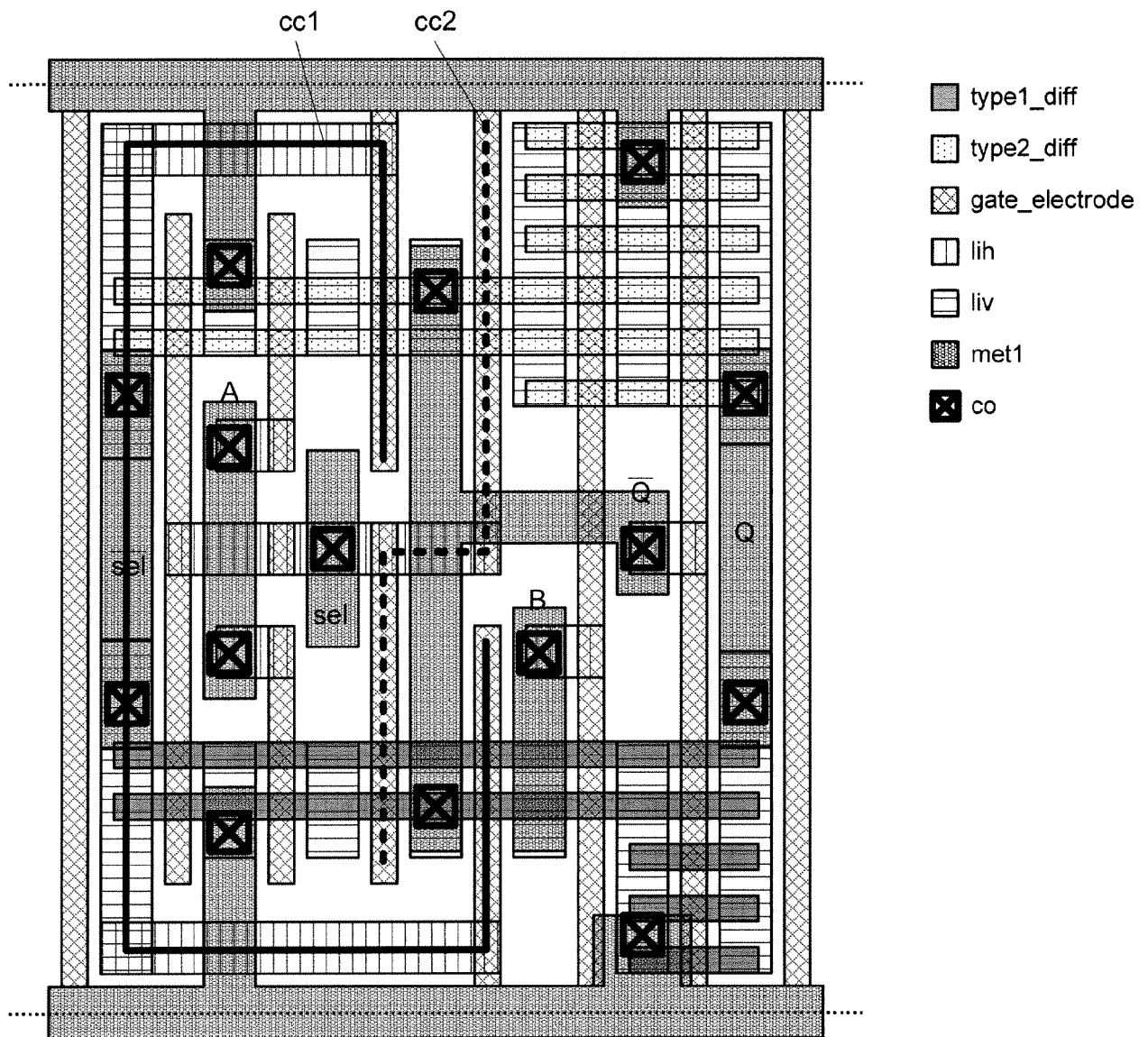


Fig. 69B

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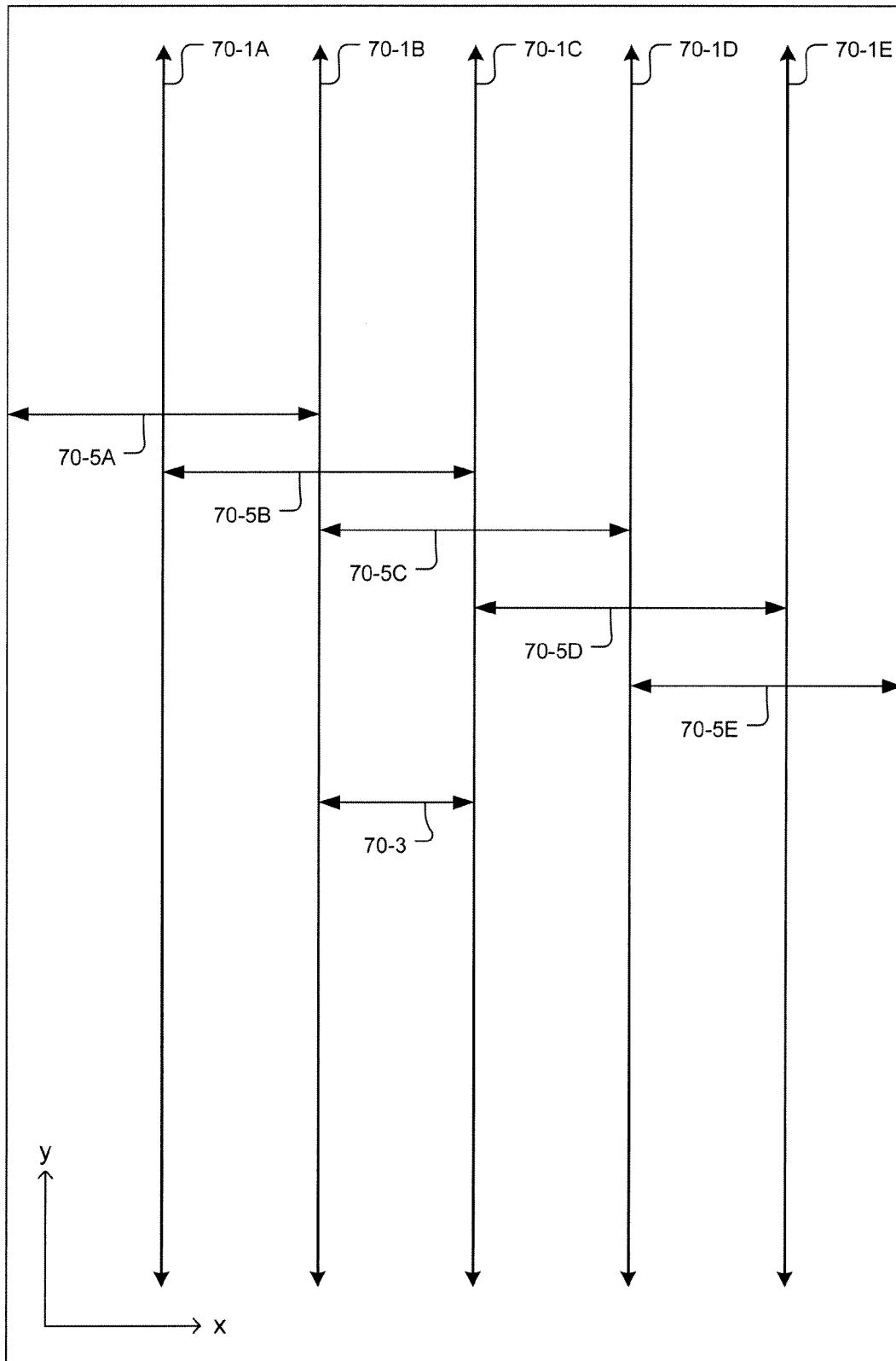


Fig. 70A

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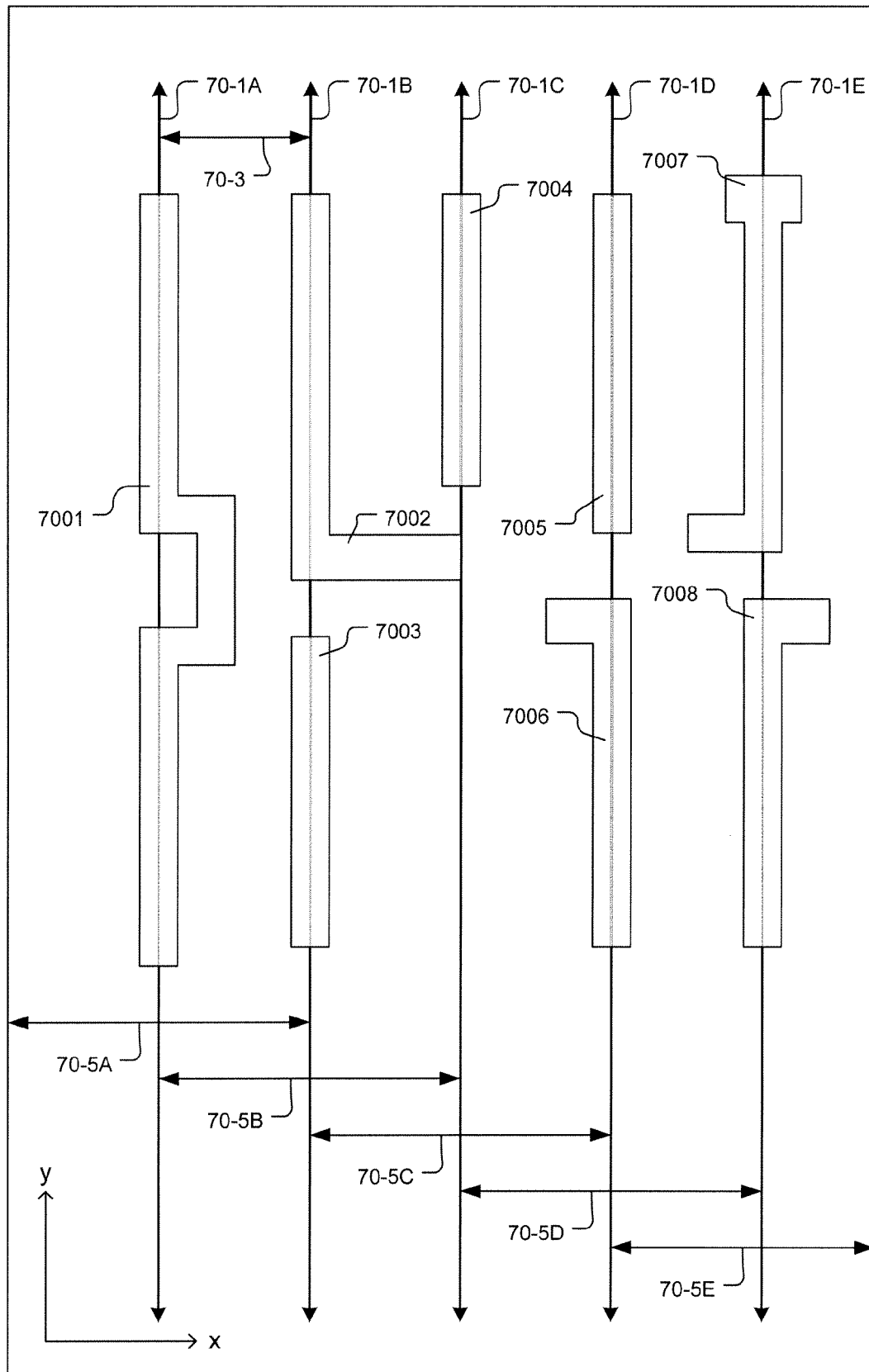


Fig. 70B

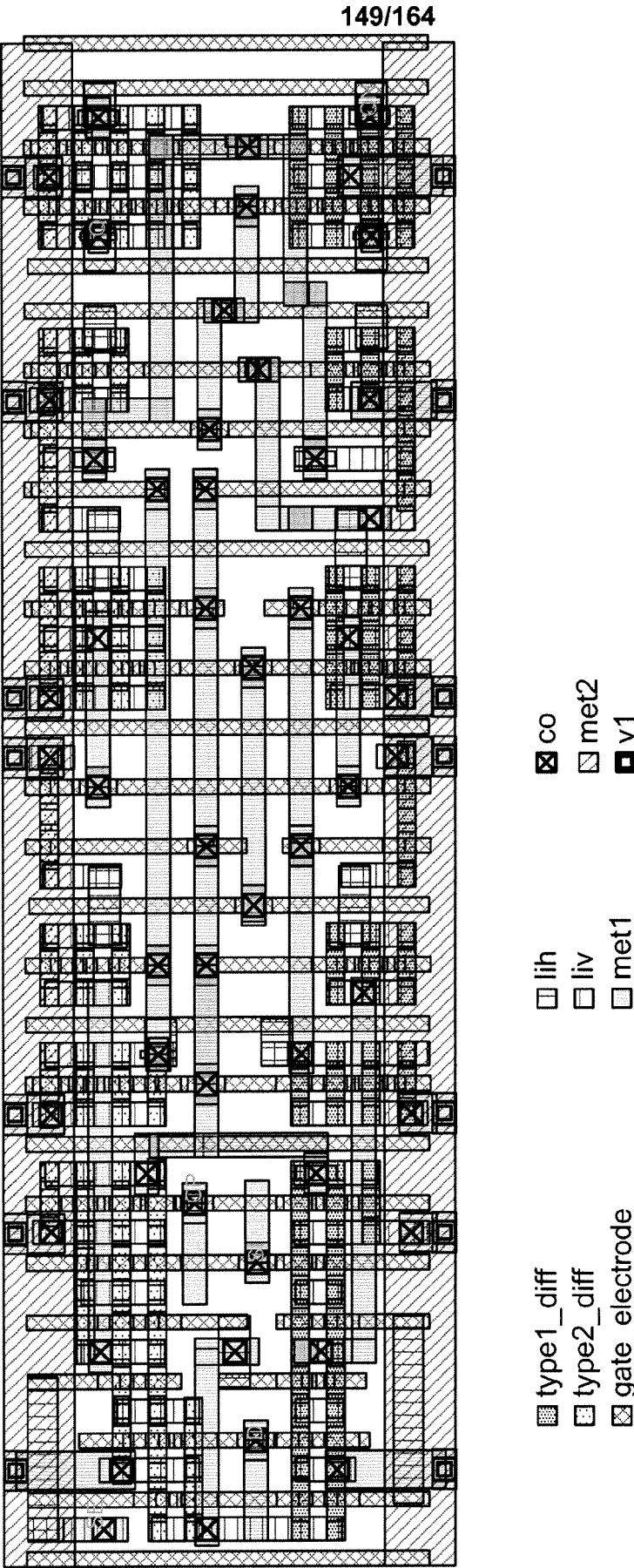


Fig. 71A

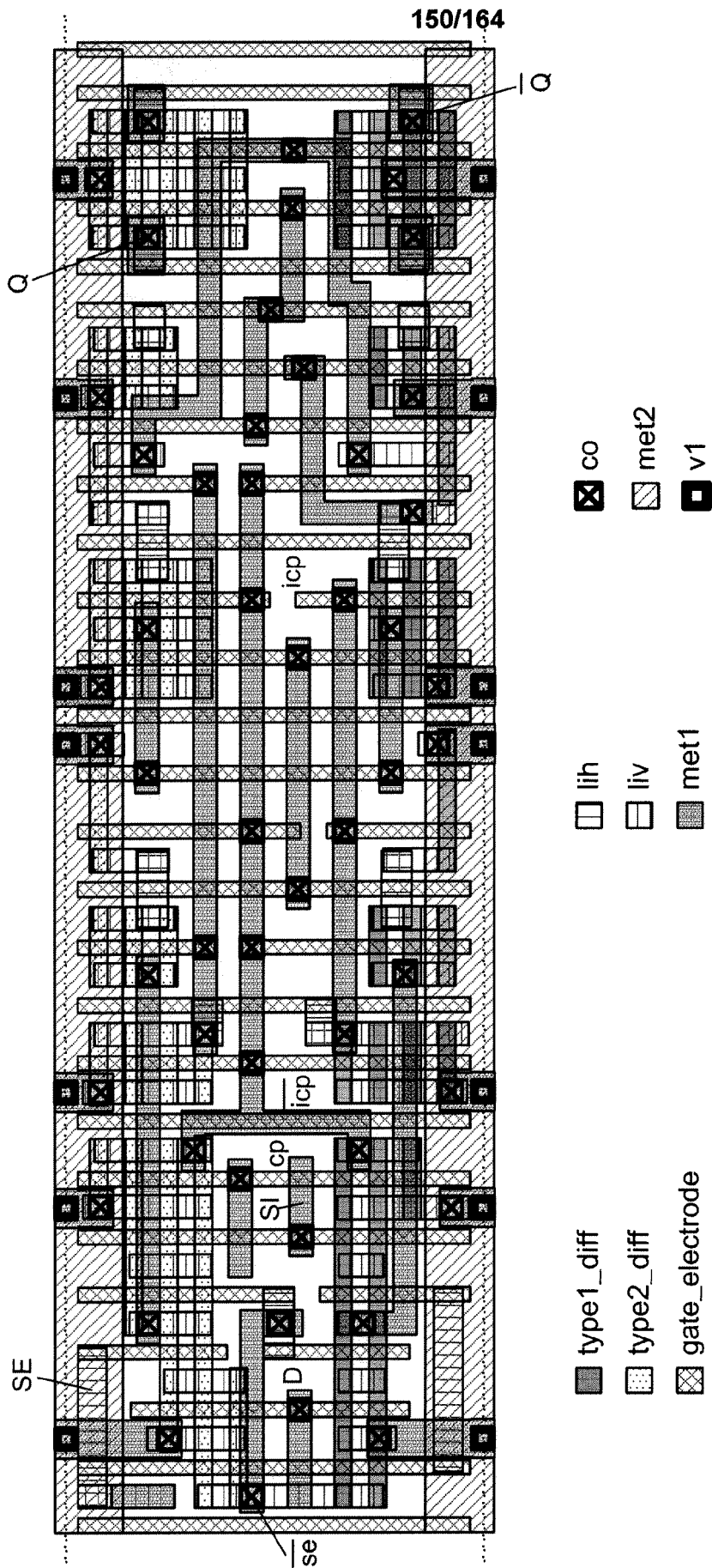


Fig. 71B

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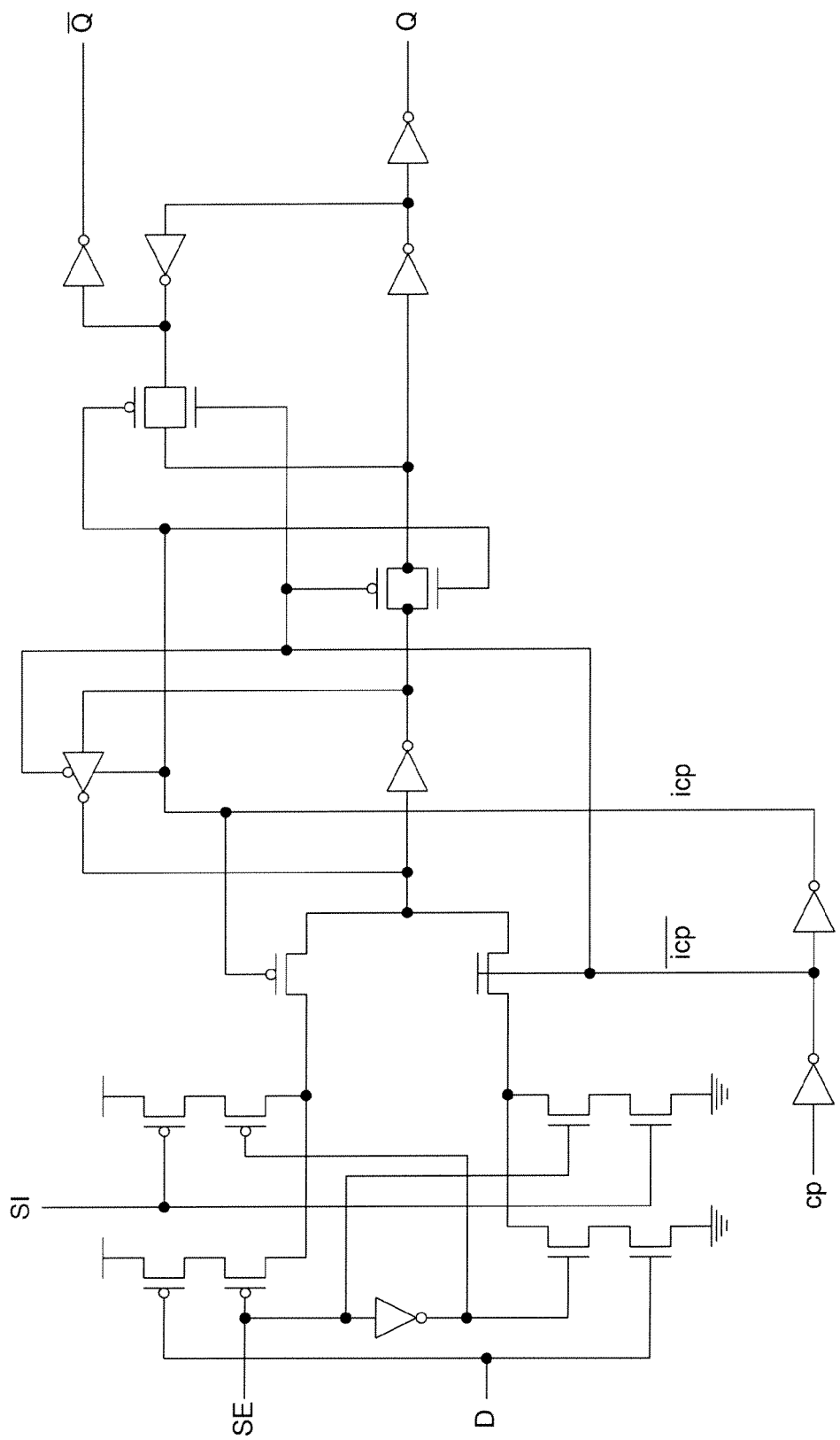


Fig. 71C

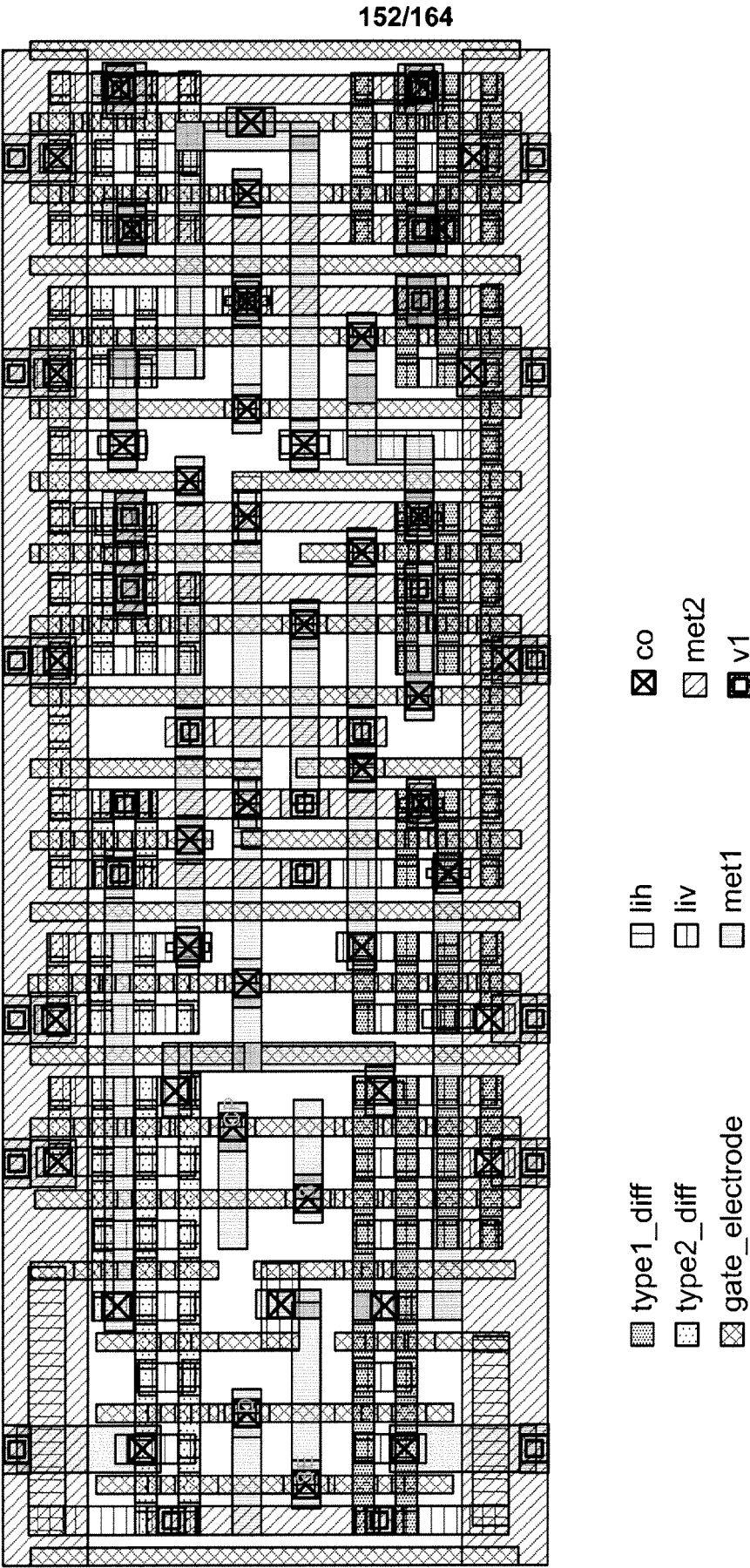


Fig. 72A

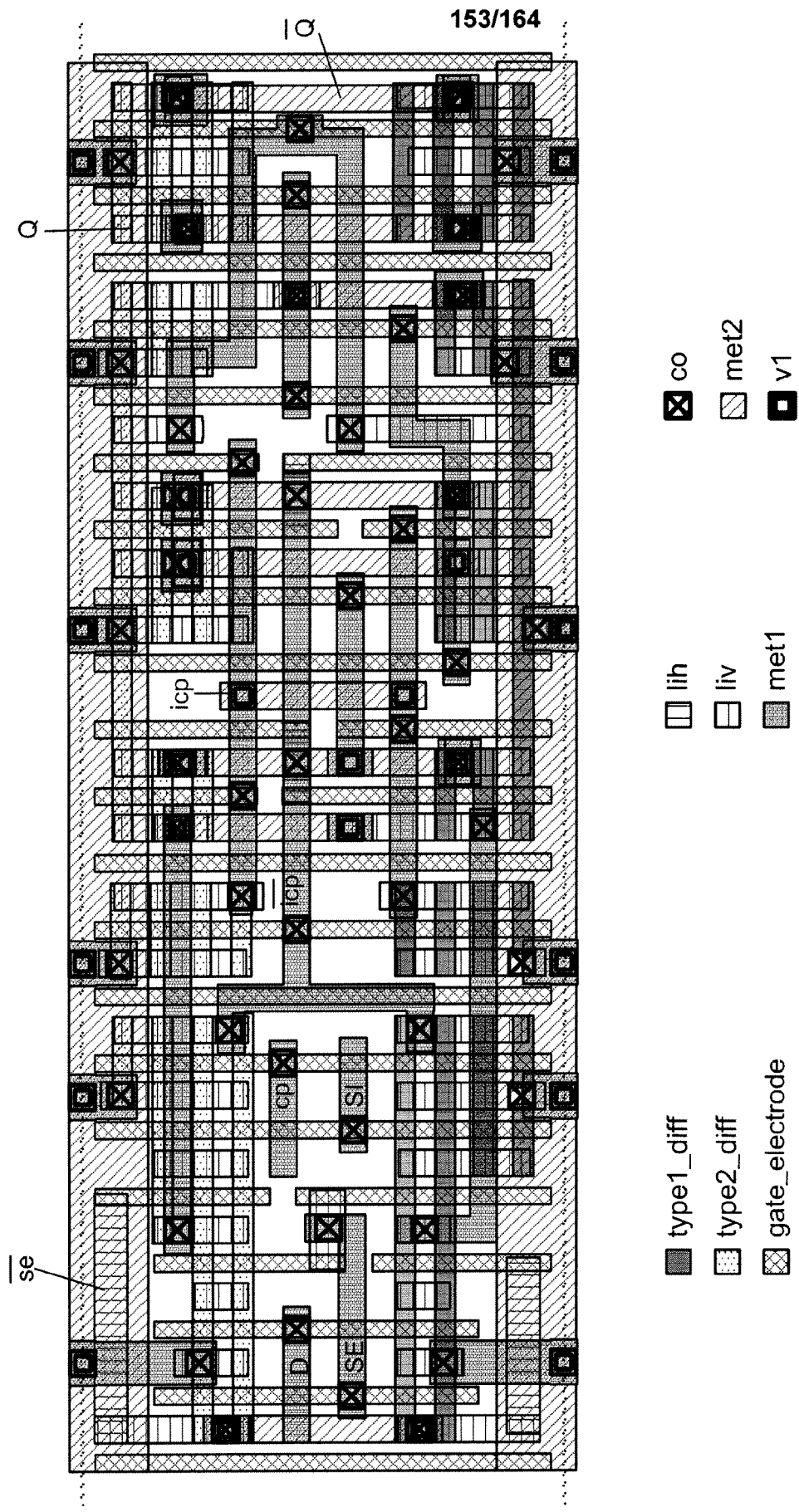


Fig. 72B

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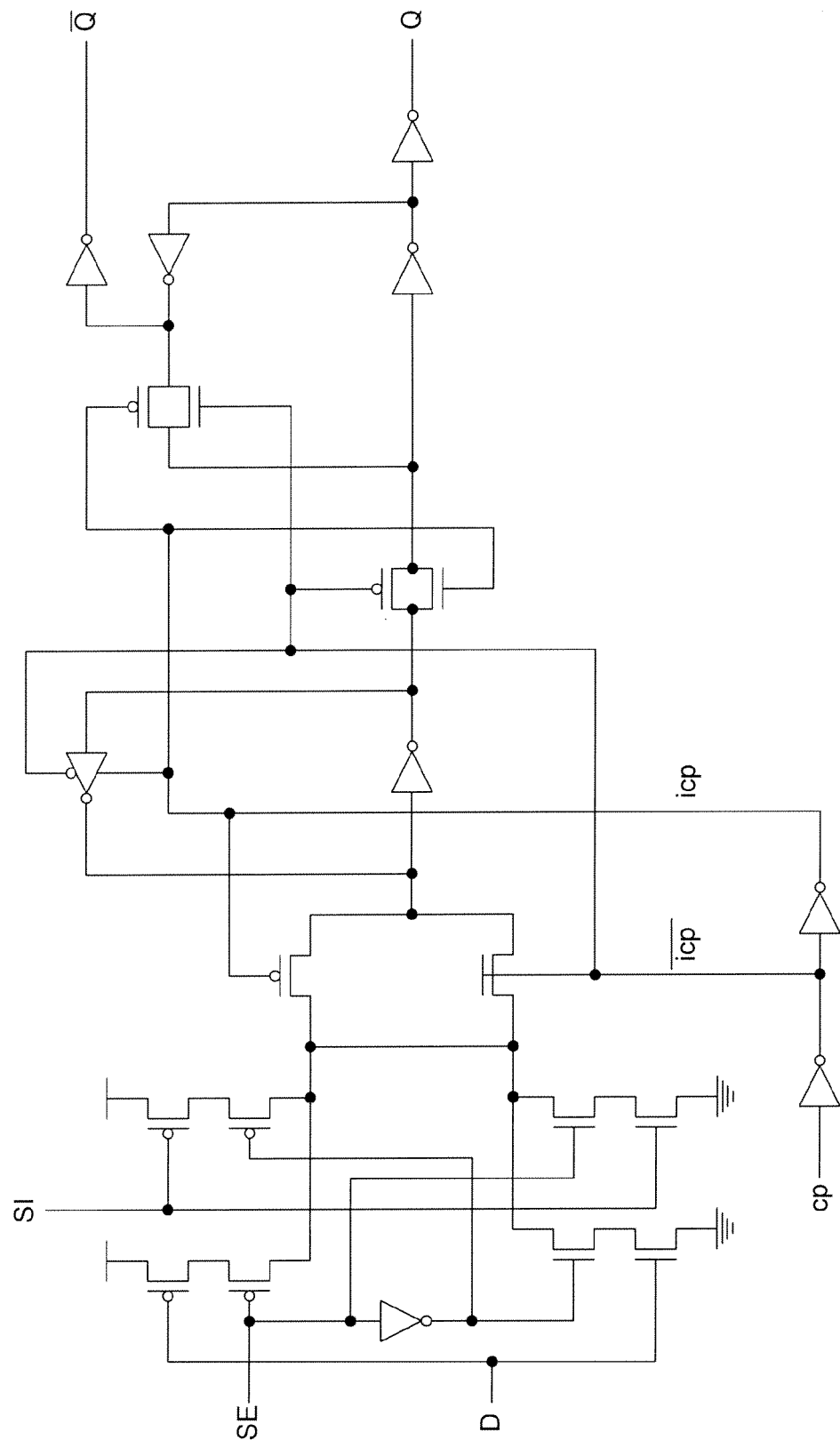
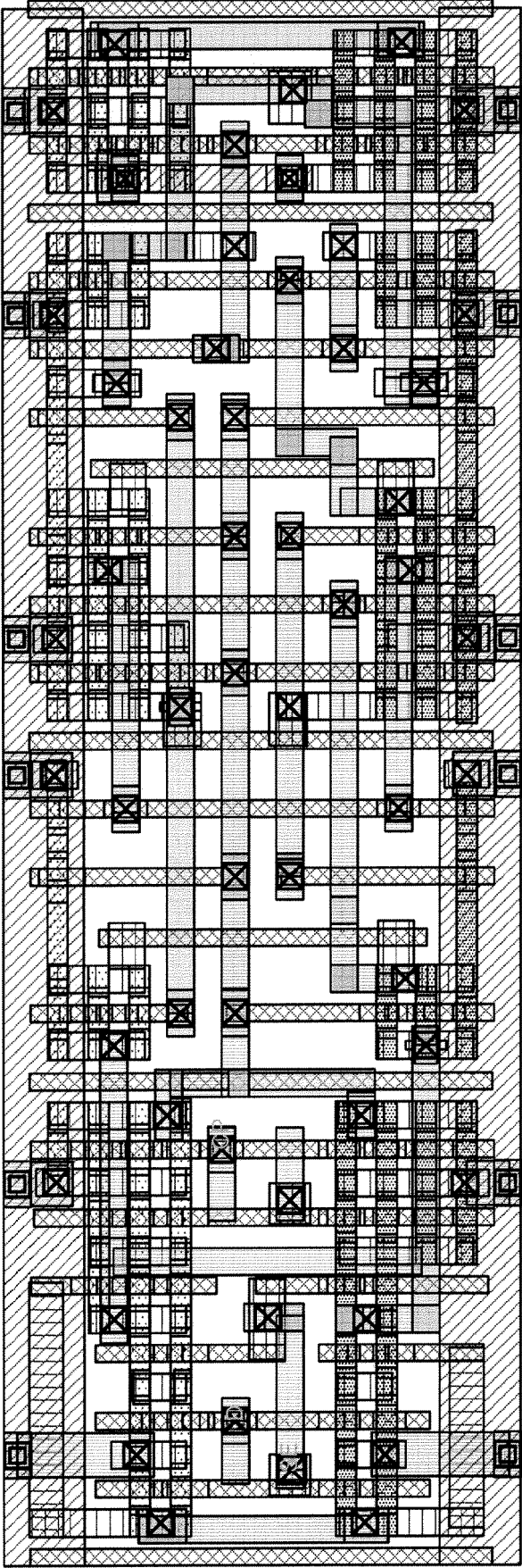


Fig. 72C

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- | | | |
|----------------|------|------|
| type1_diff | lih | co |
| type2_diff | liv | met2 |
| gate_electrode | met1 | v1 |

Fig. 73A

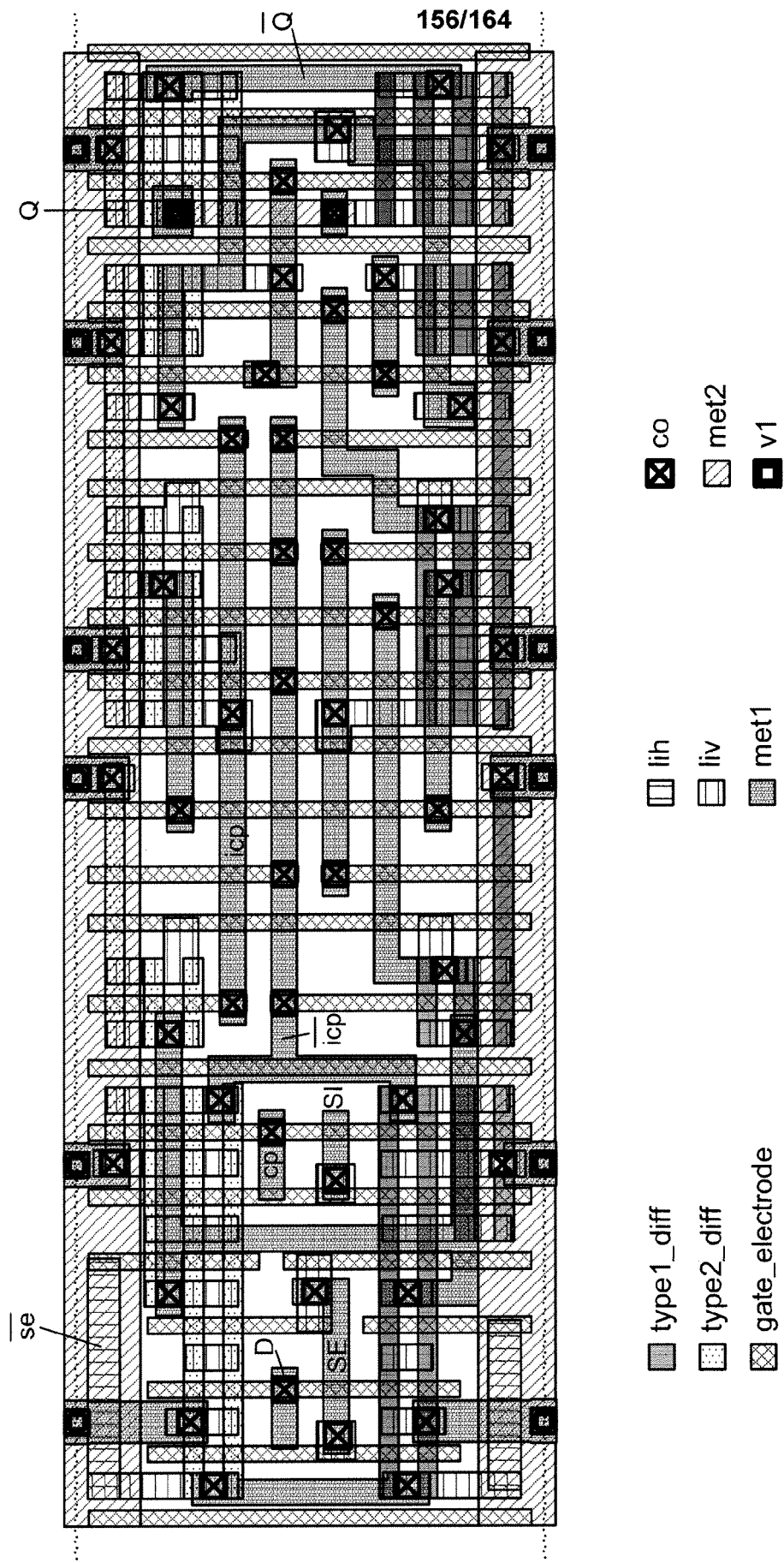
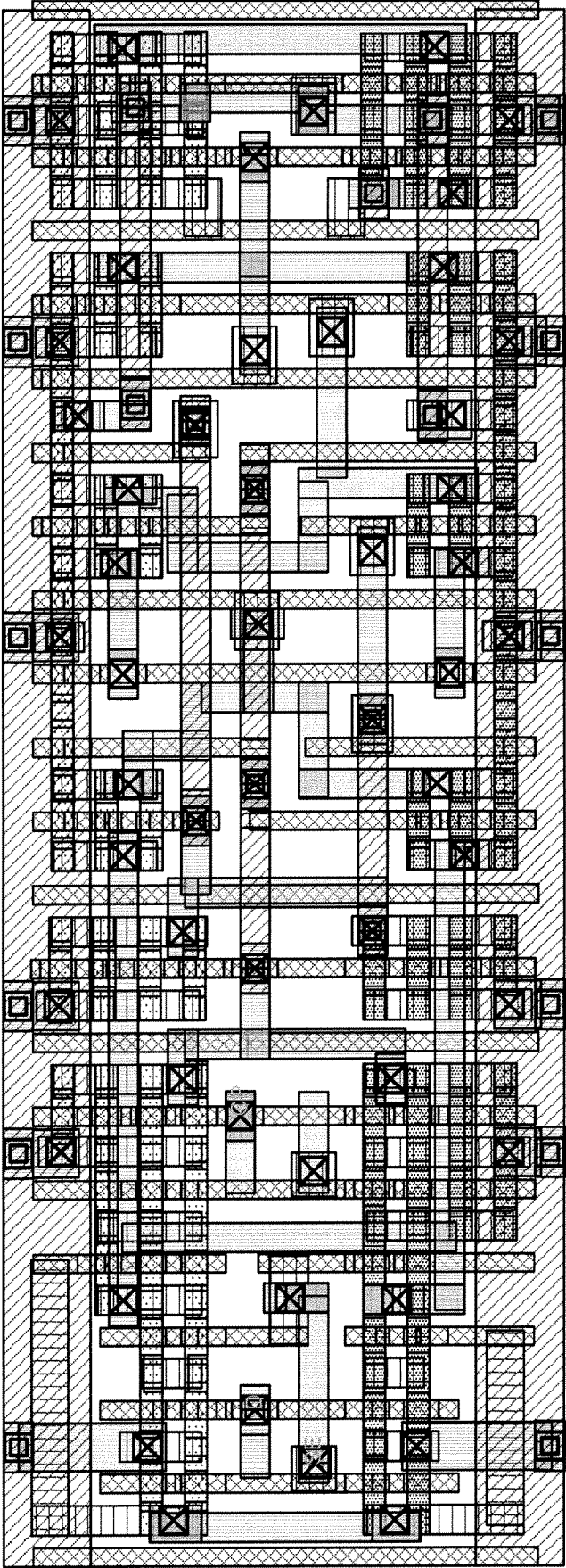


Fig. 73B

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type1_diff
type2_diff
gate_electrode

lih
liv
met1

co
met2
v1

Fig. 74A

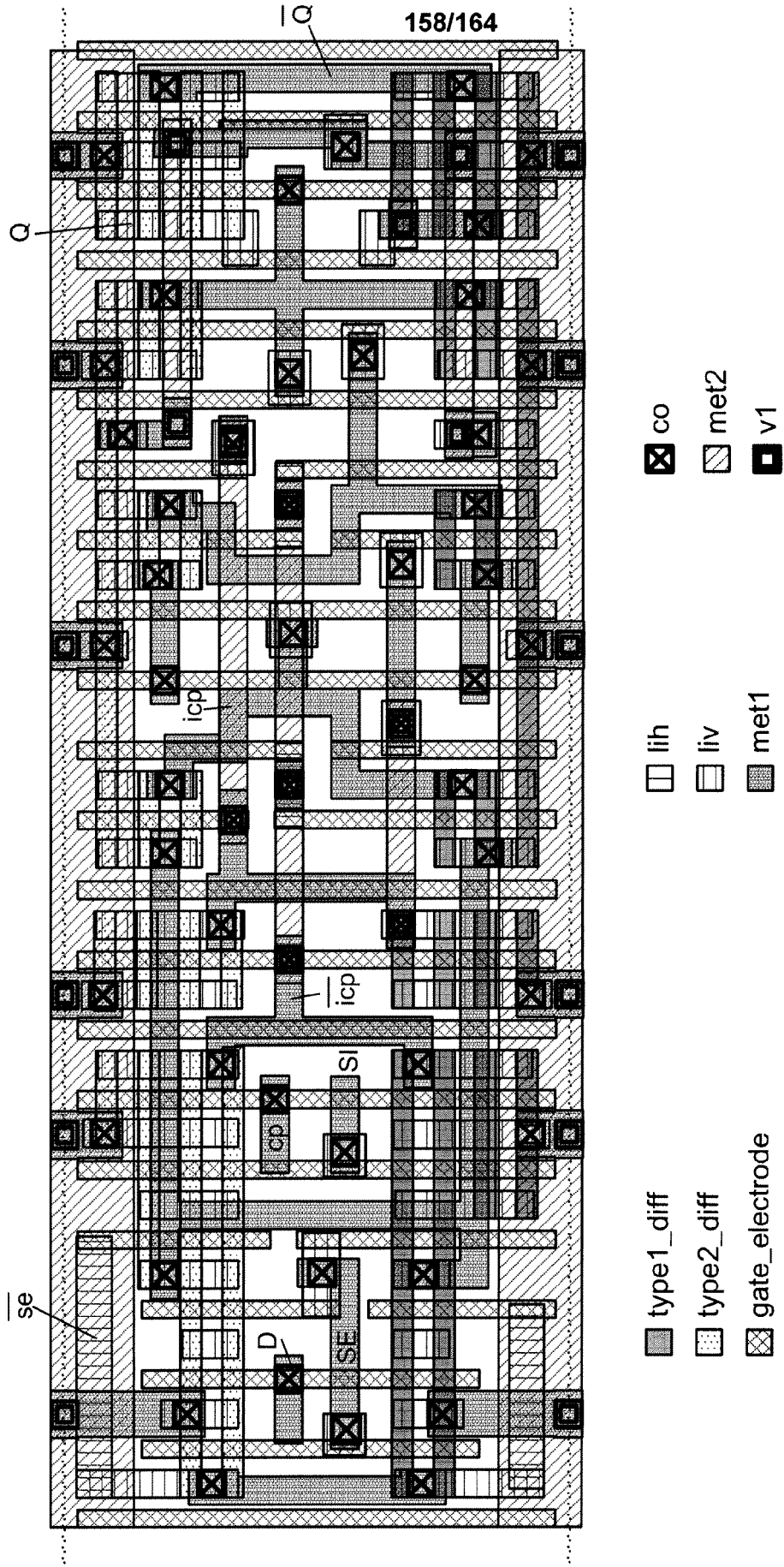
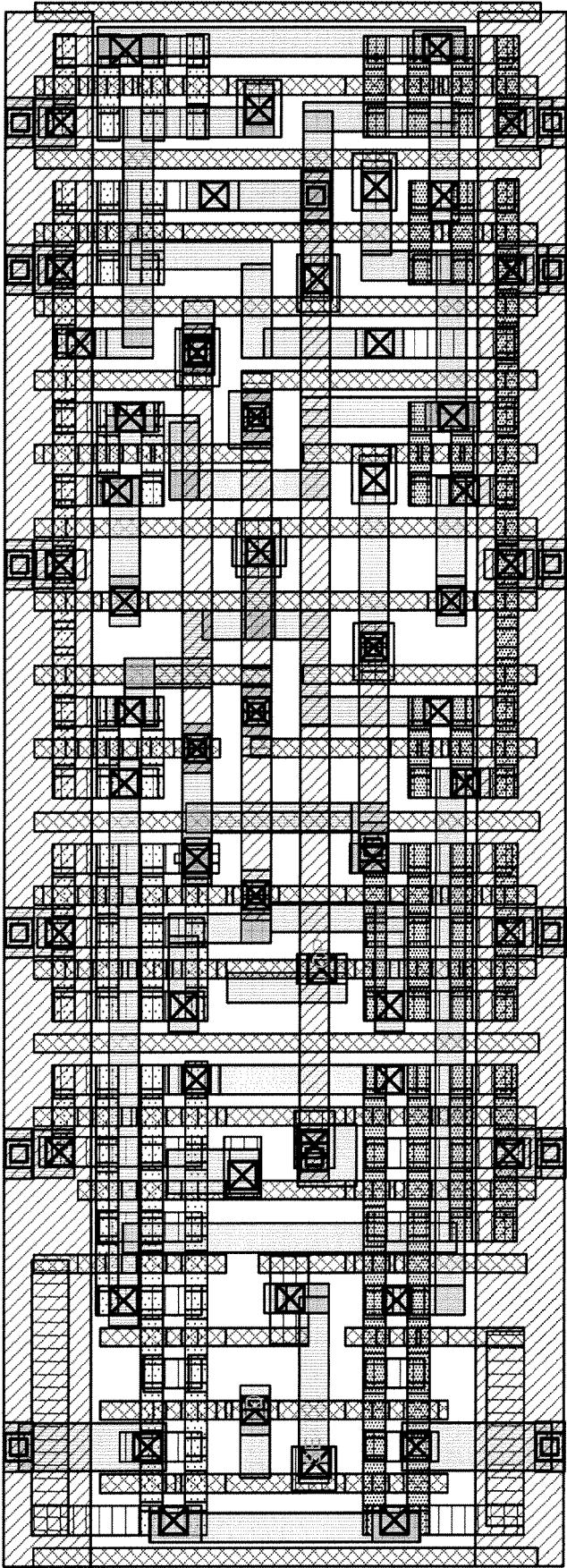


Fig. 74B

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- | | | |
|----------------|------|------|
| type1_diff | ih | co |
| type2_diff | iv | met2 |
| gate_electrode | met1 | v1 |

Fig. 75A

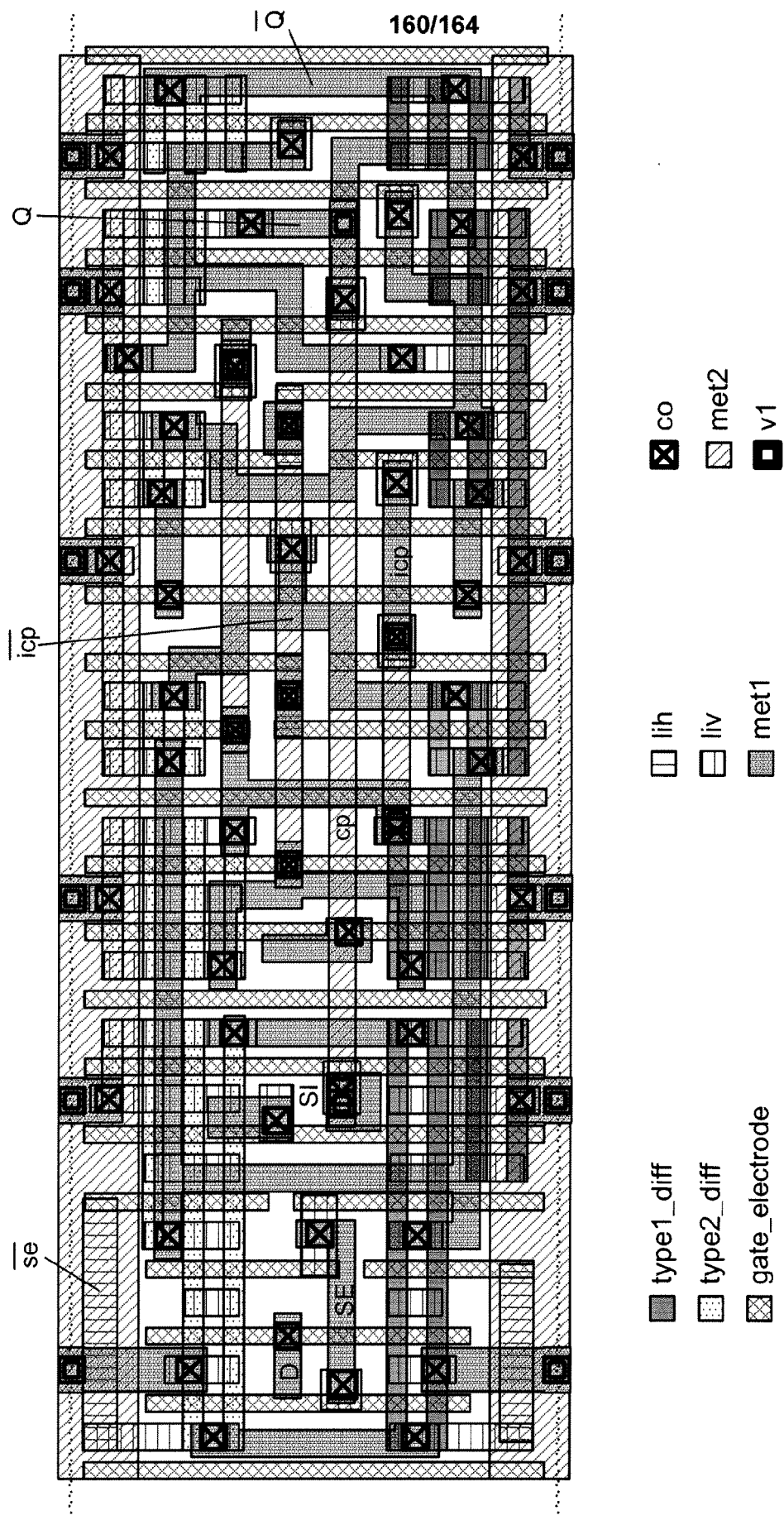
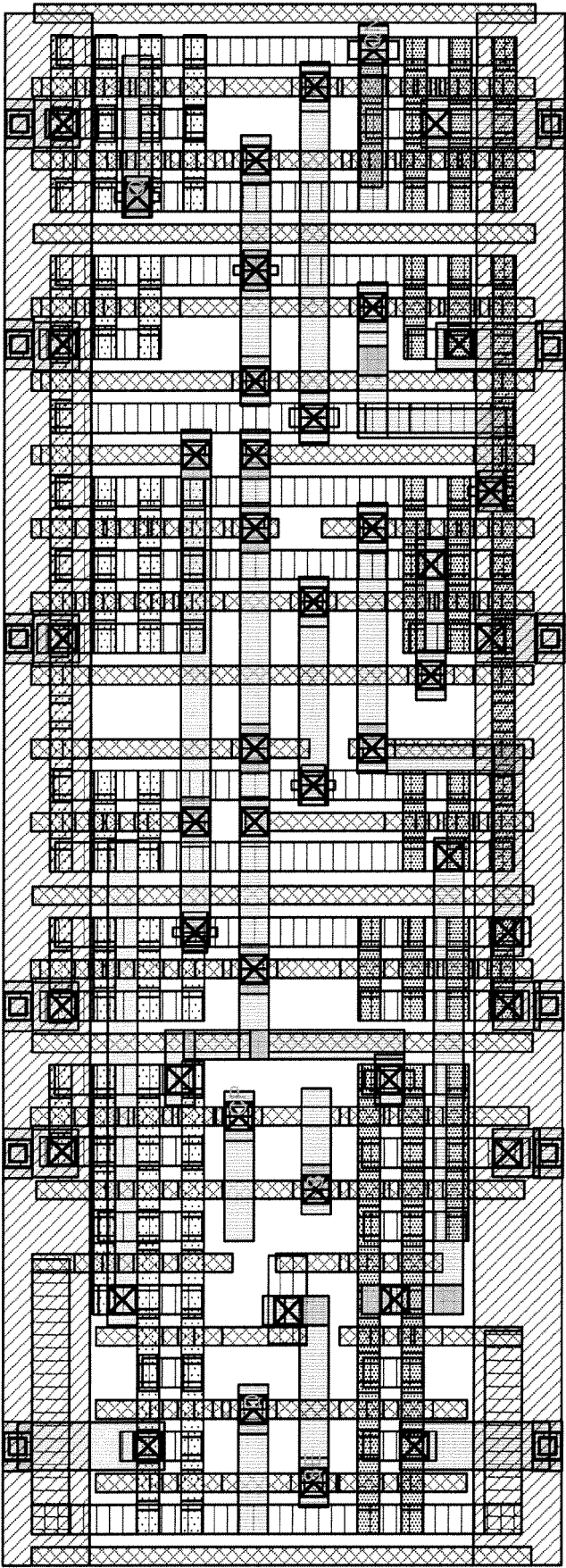


Fig. 75B

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- | | | |
|--|--|--|
|  type1_diff |  lih |  co |
|  type2_diff |  liv |  met2 |
|  gate_electrode |  met1 |  v1 |

Fig. 76A

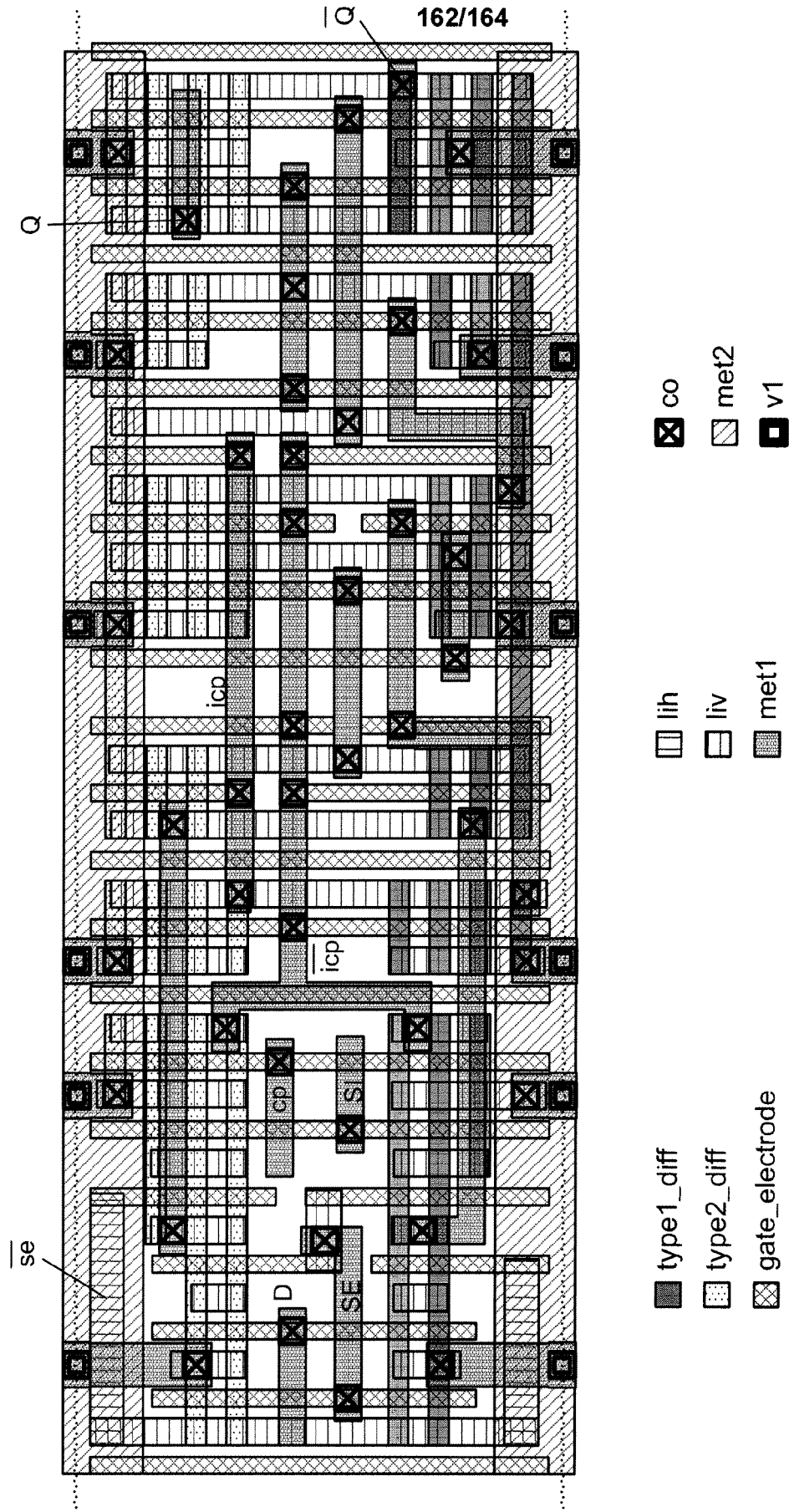


Fig. 76B

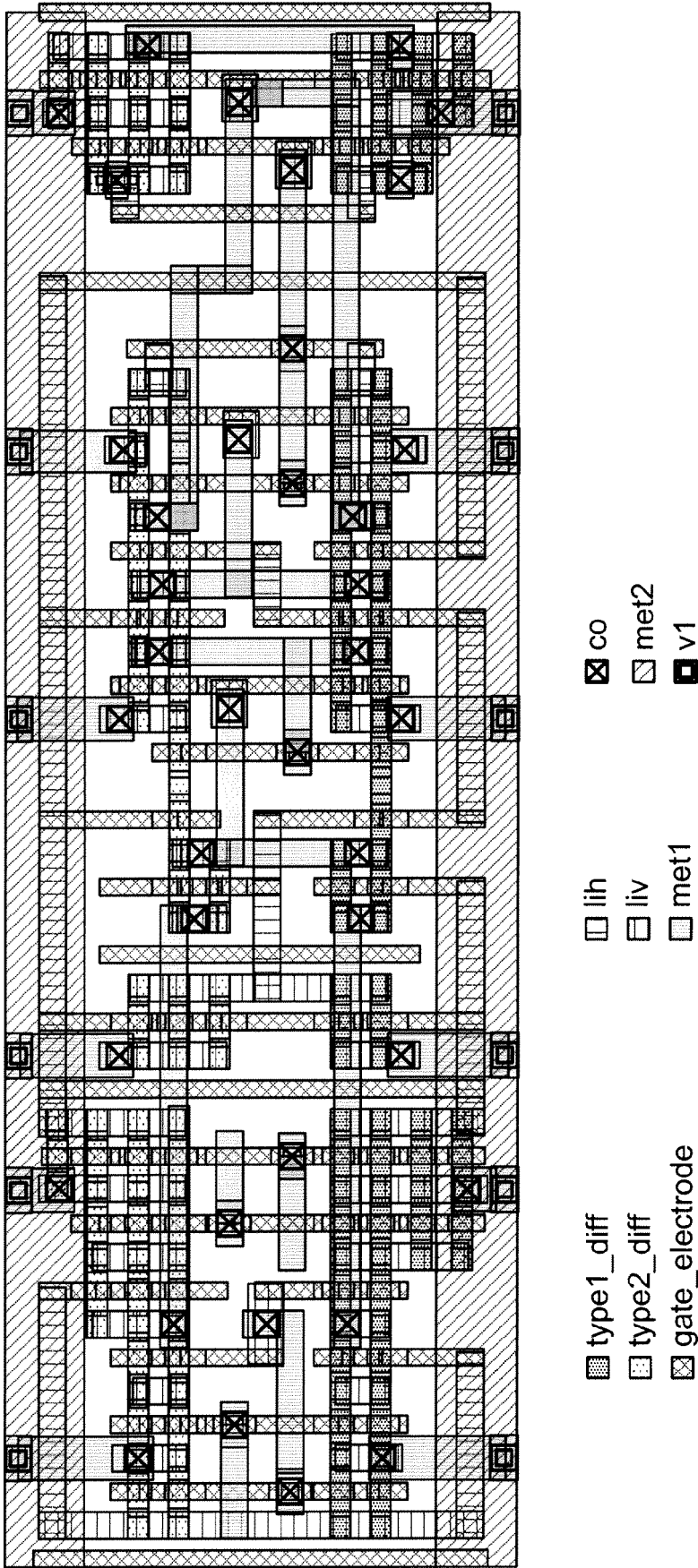


Fig. 77A

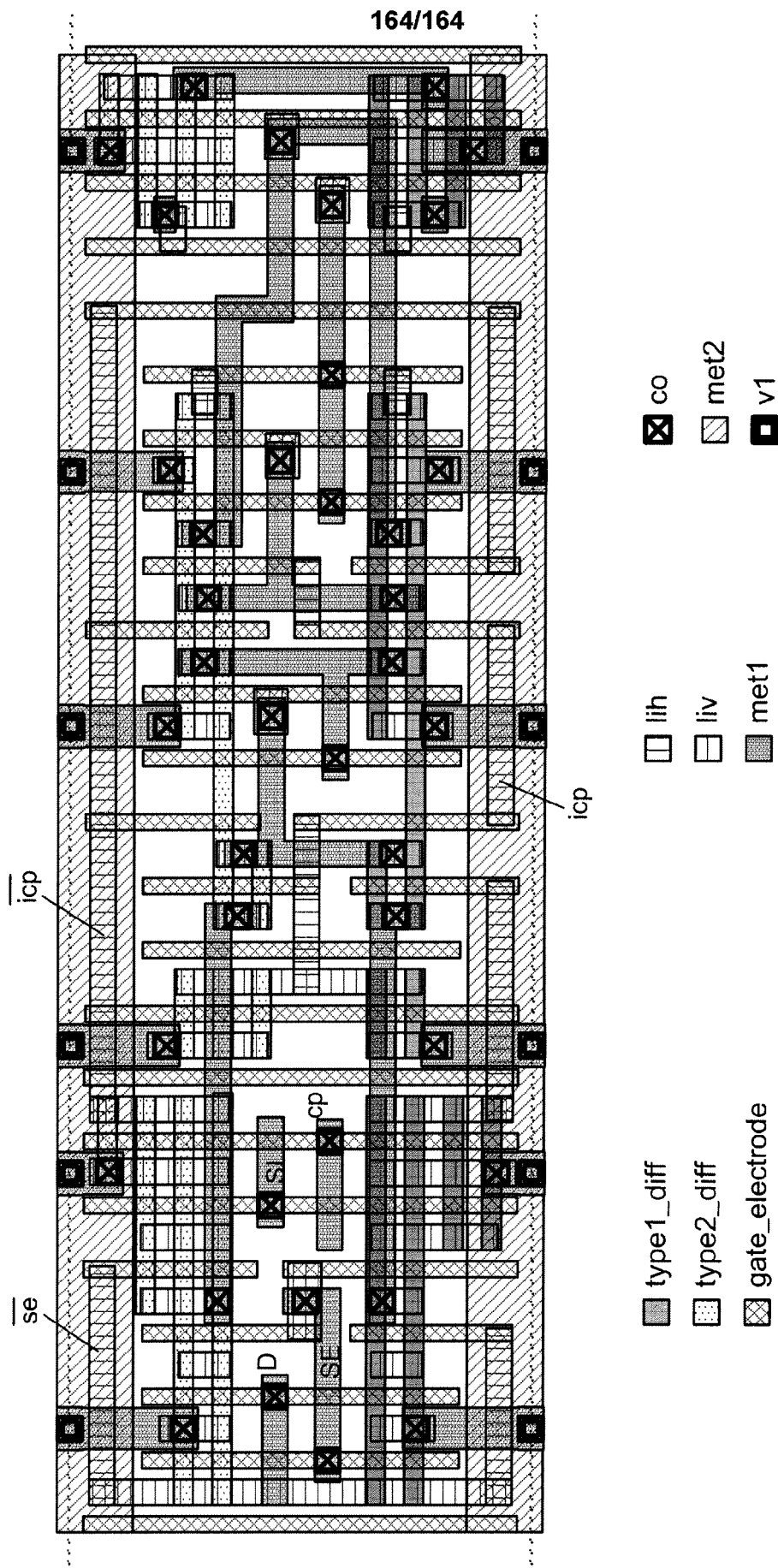


Fig. 77B