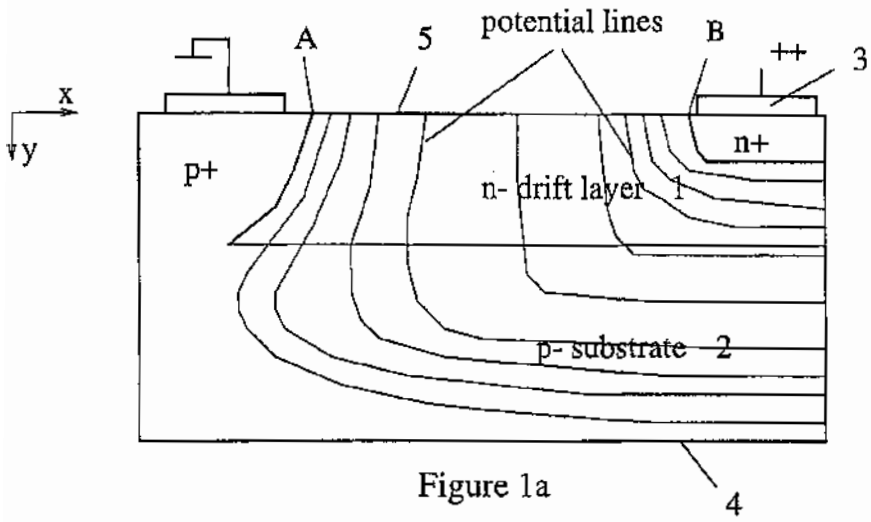


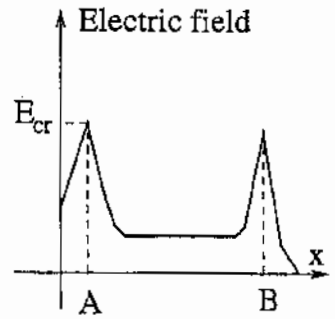
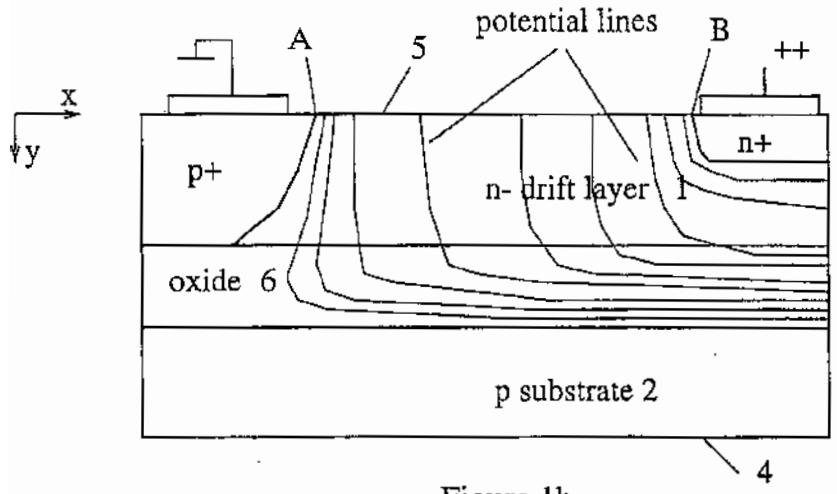


Figure 1a



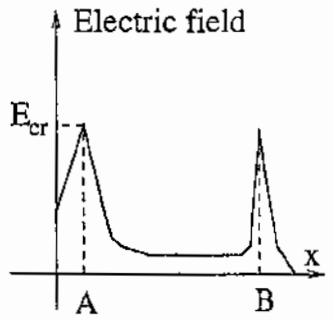


Figure 1b

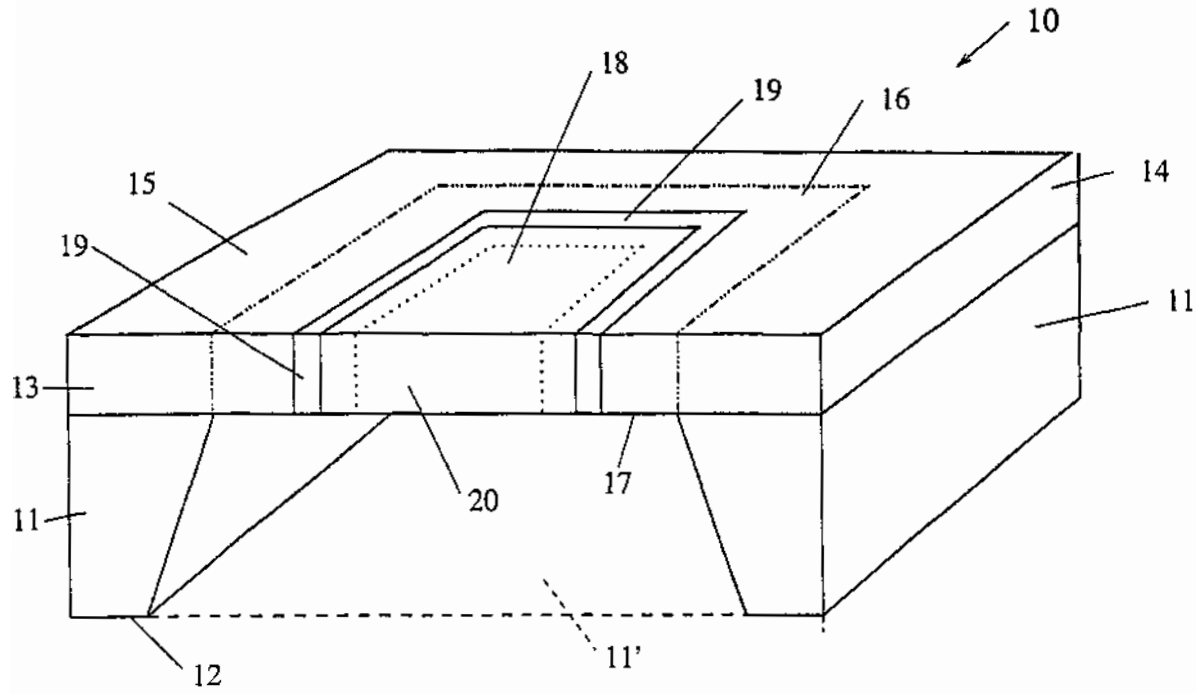


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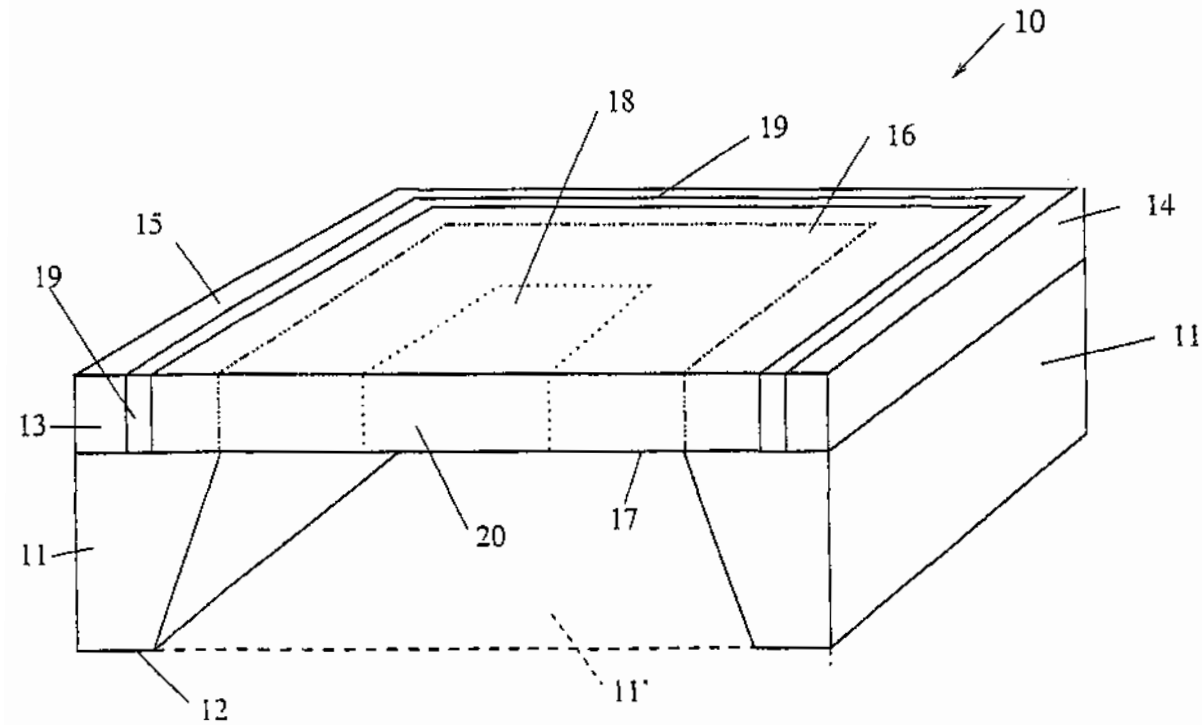


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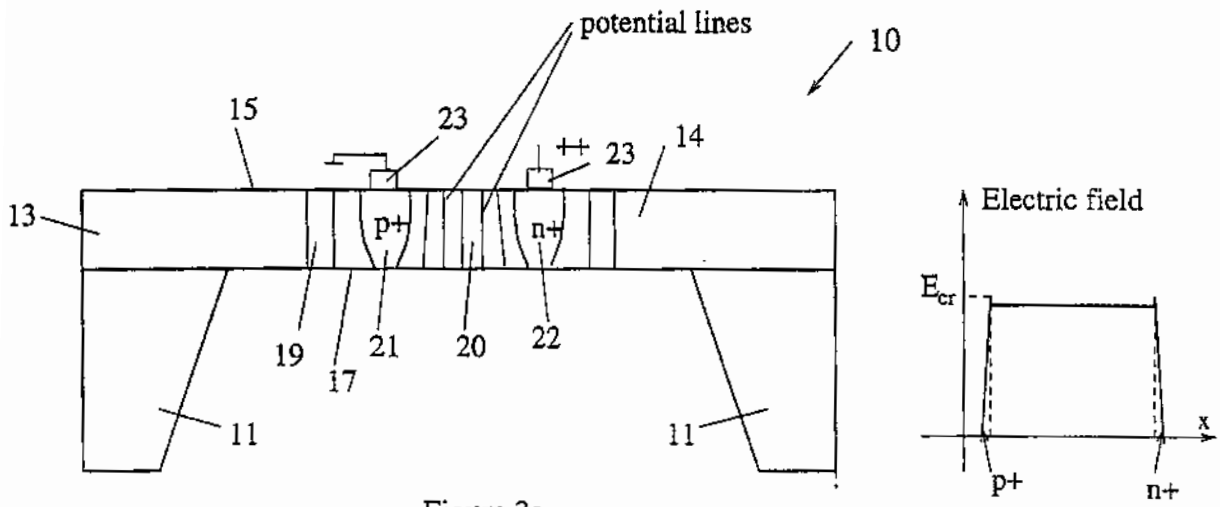


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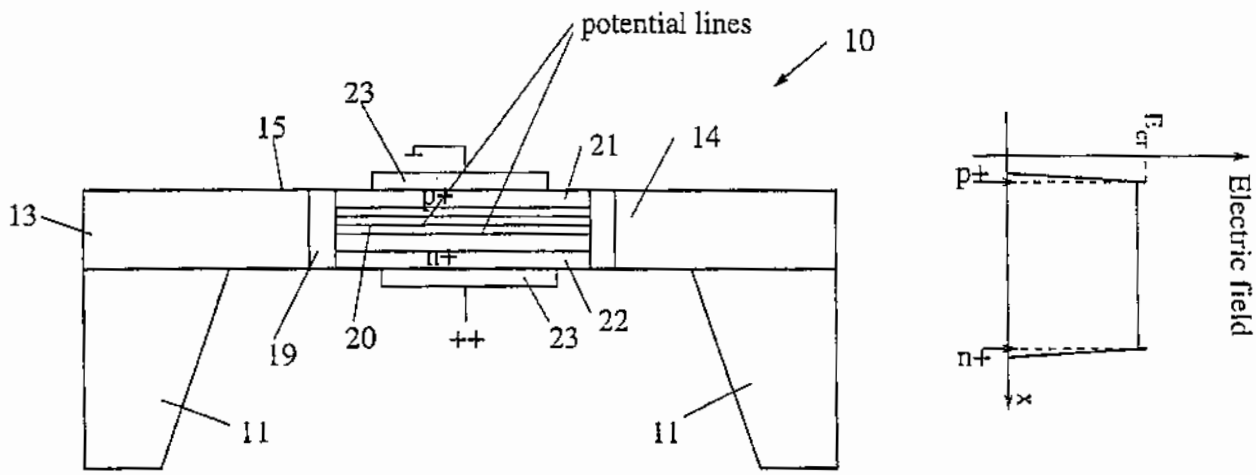


Figure 3b

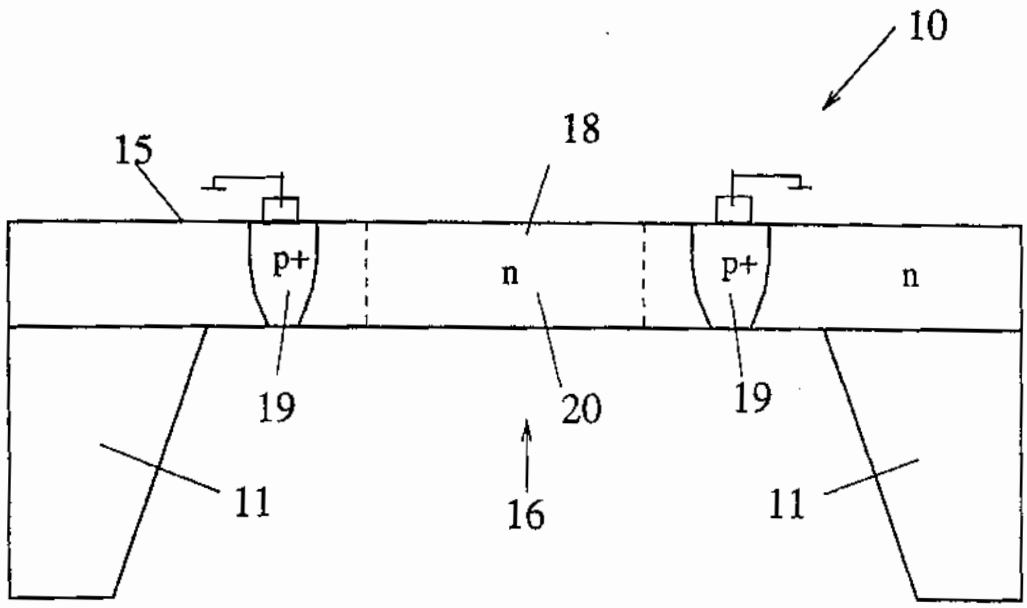


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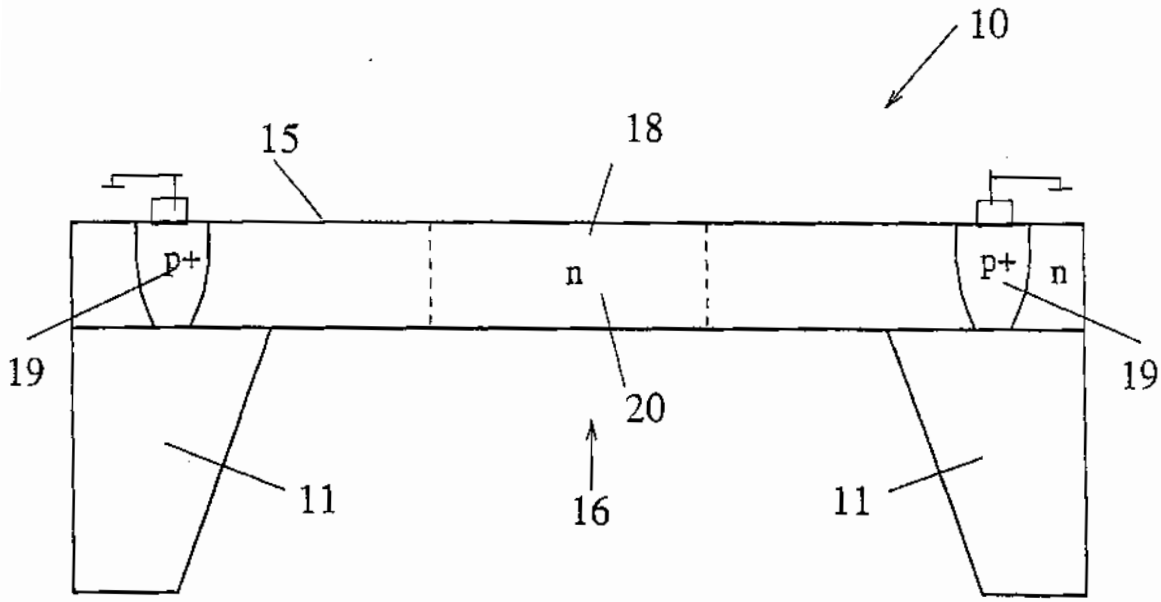


Figure 4b

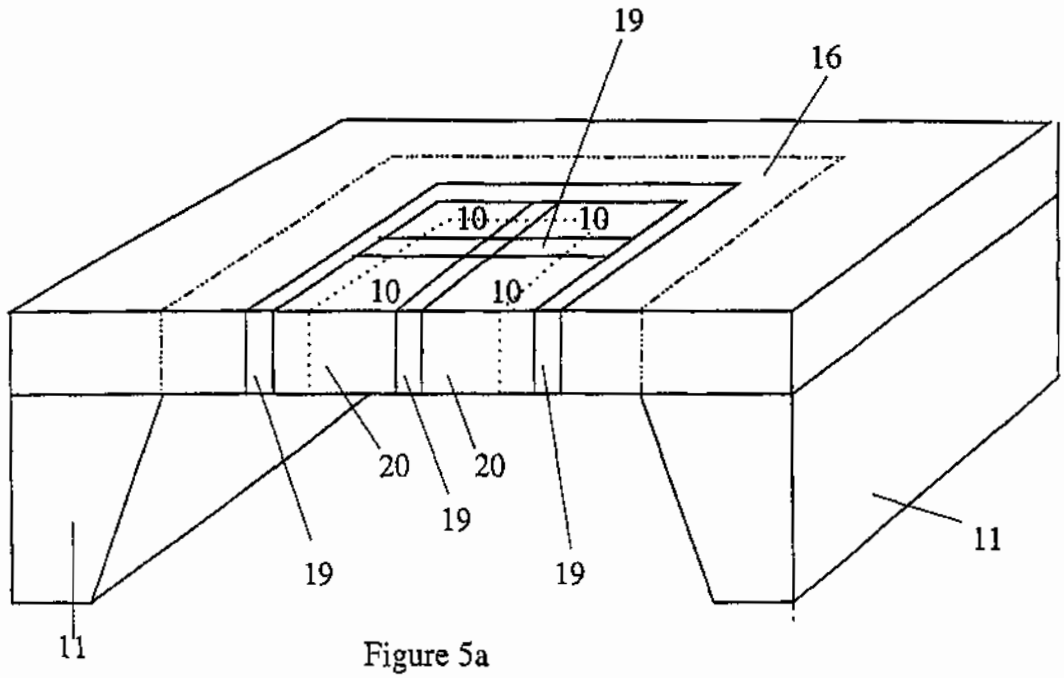


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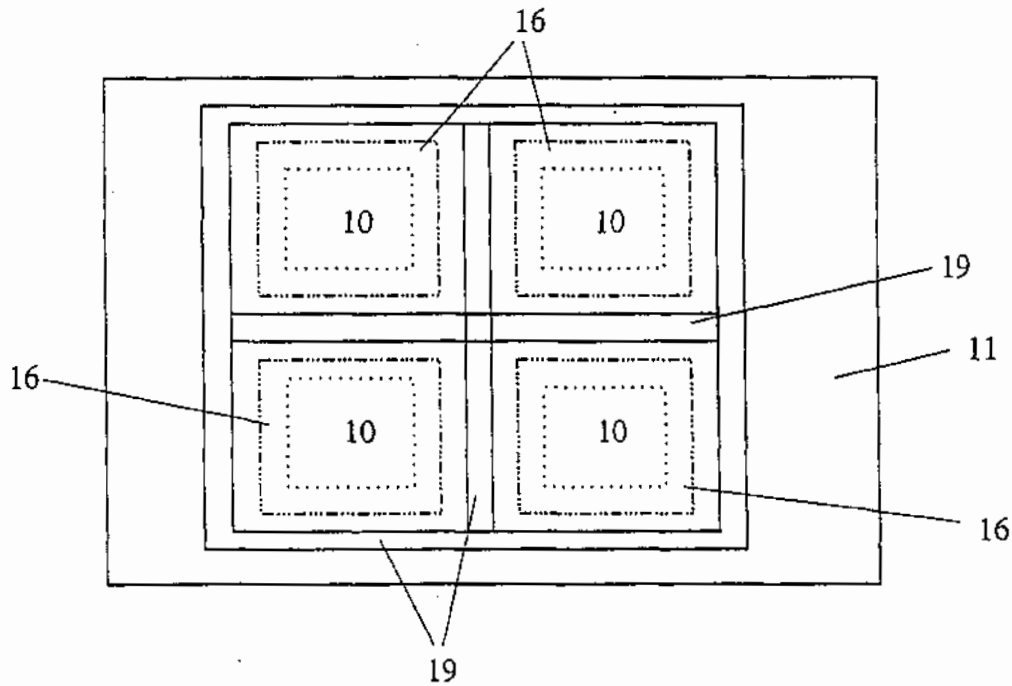


Figure 5b

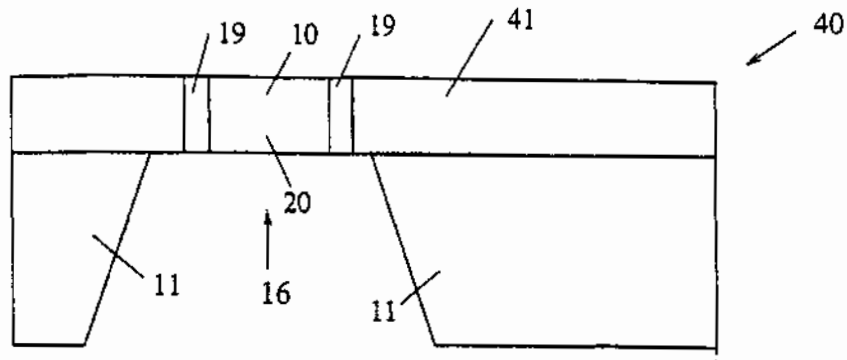


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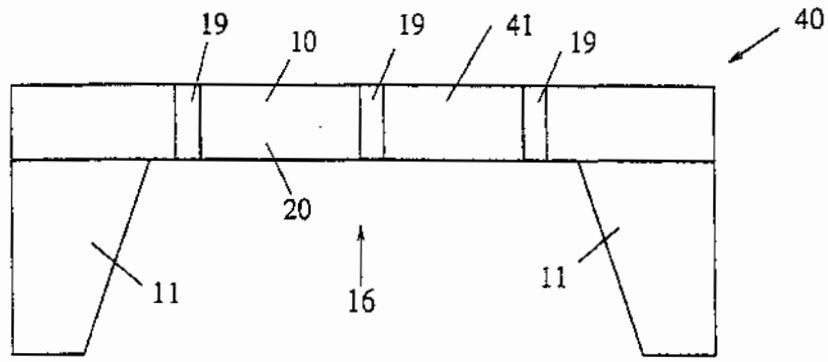


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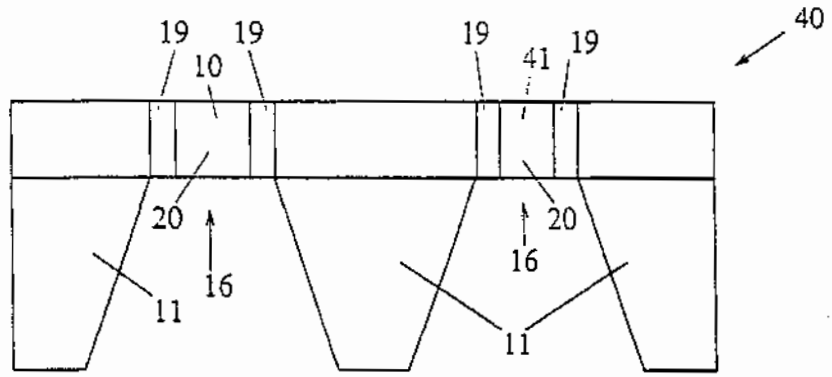


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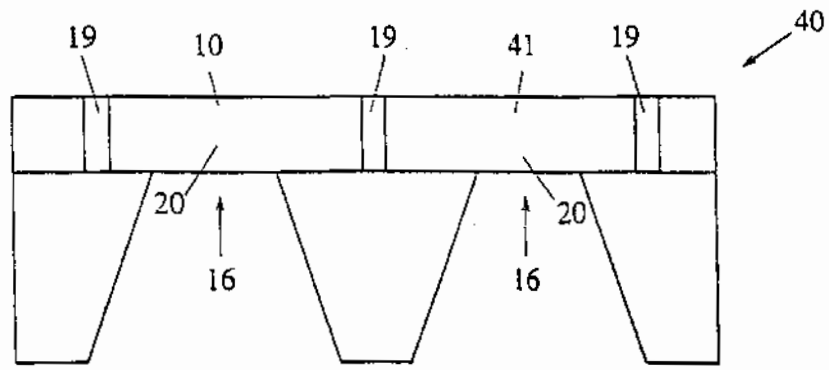


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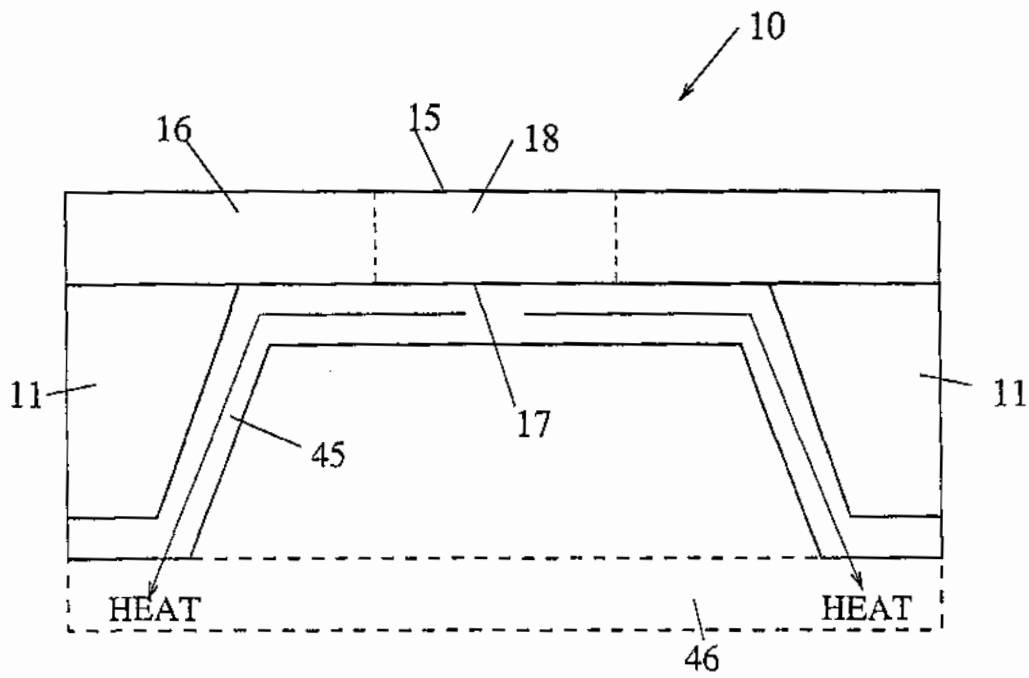


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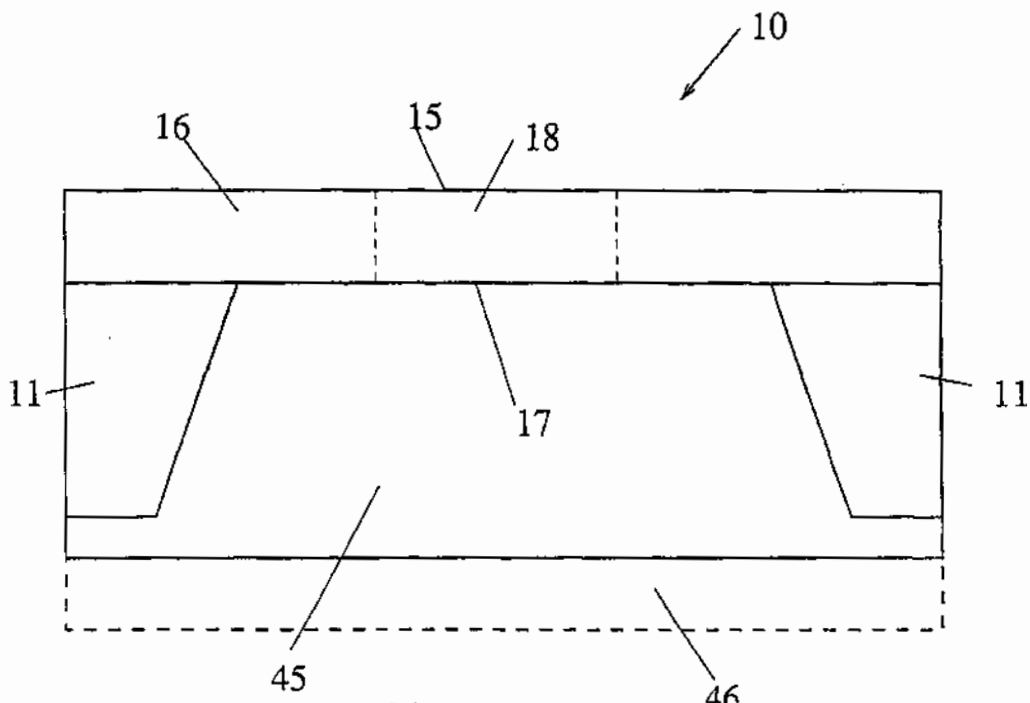


Figure 8

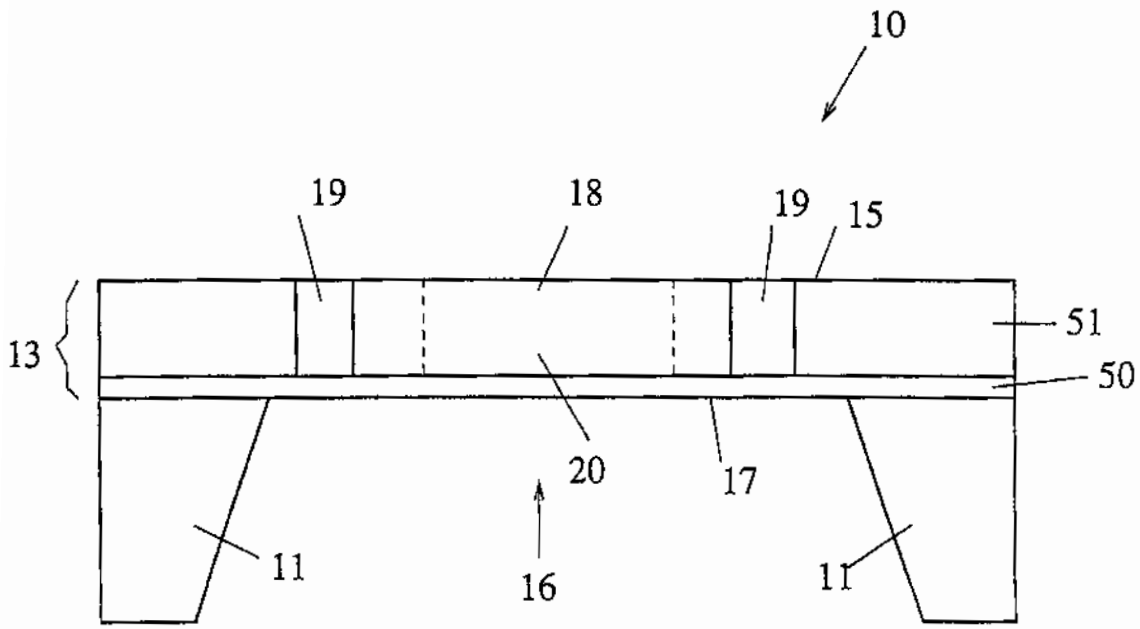


Figure 9a

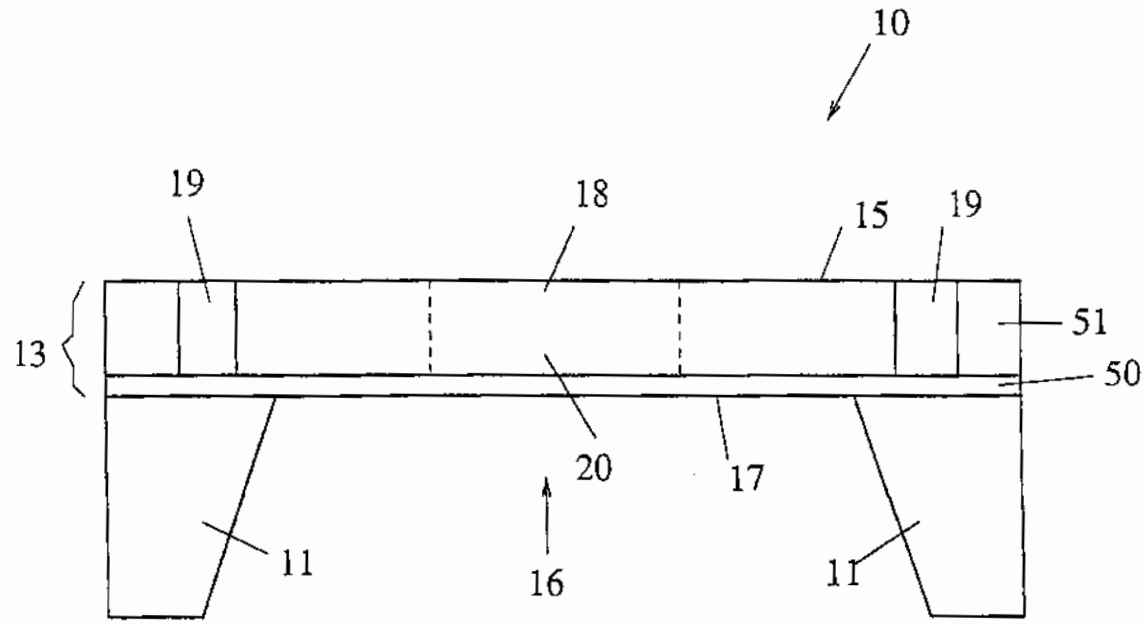


Figure 9b

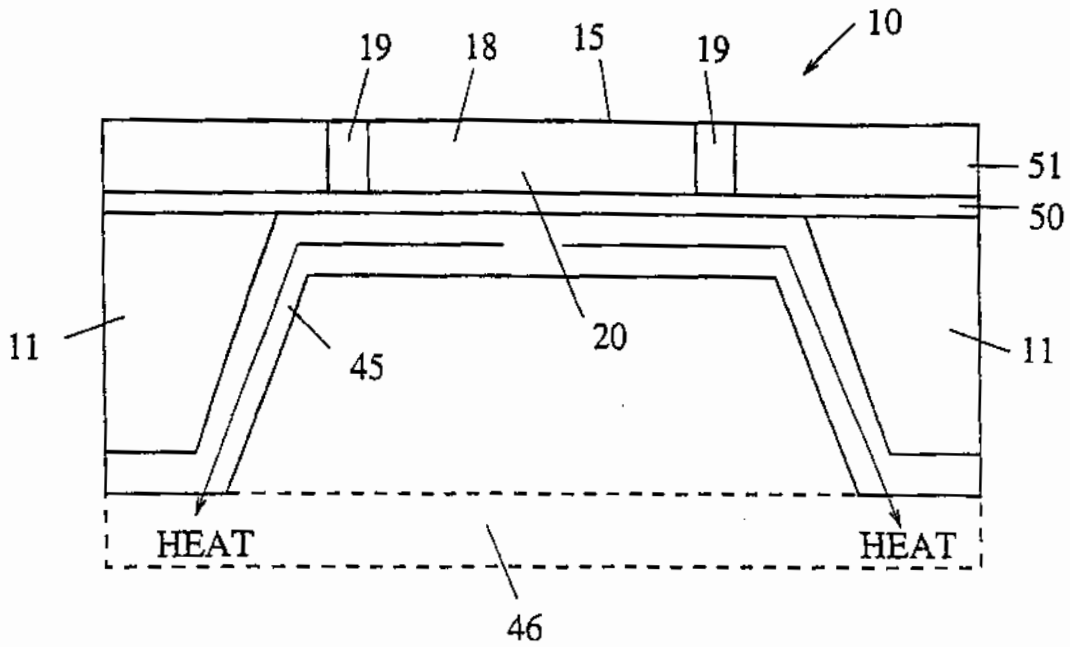


Figure 10a

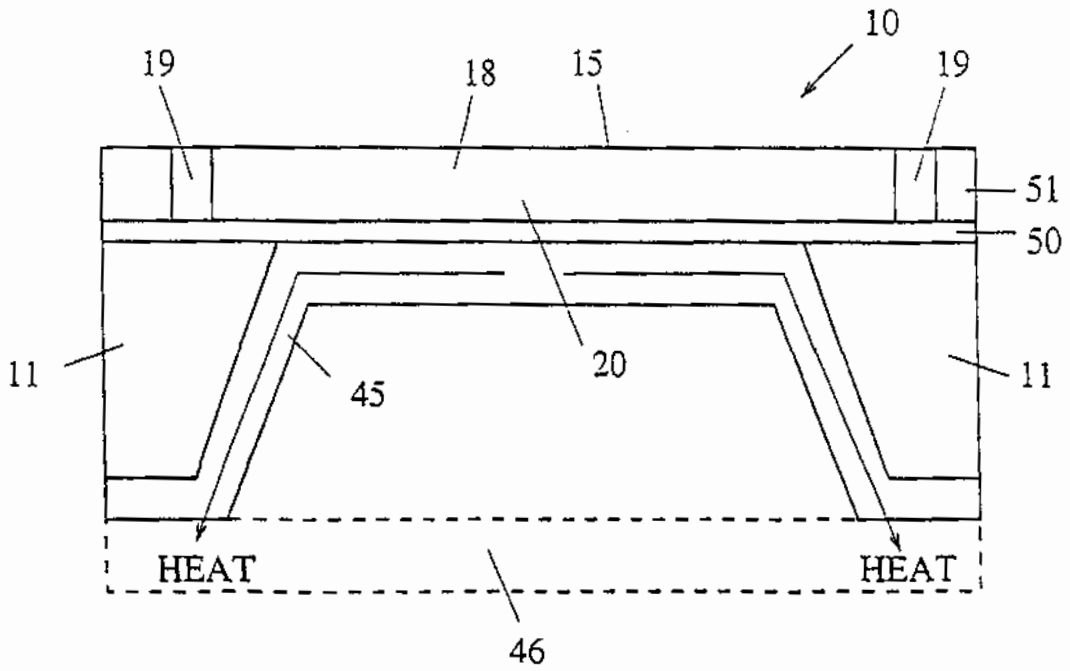


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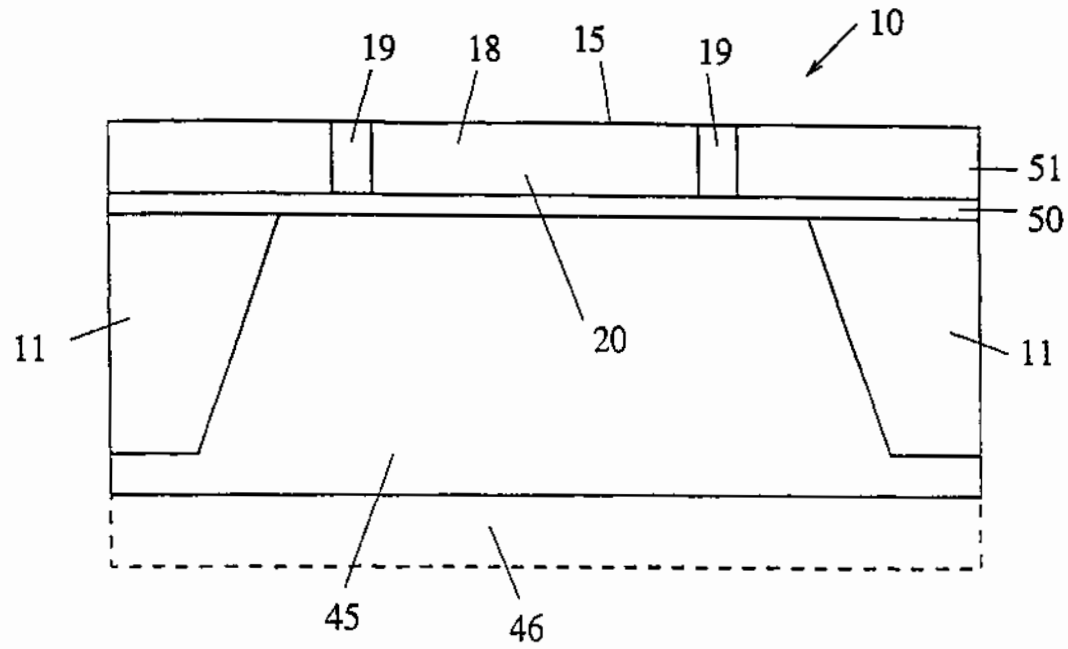


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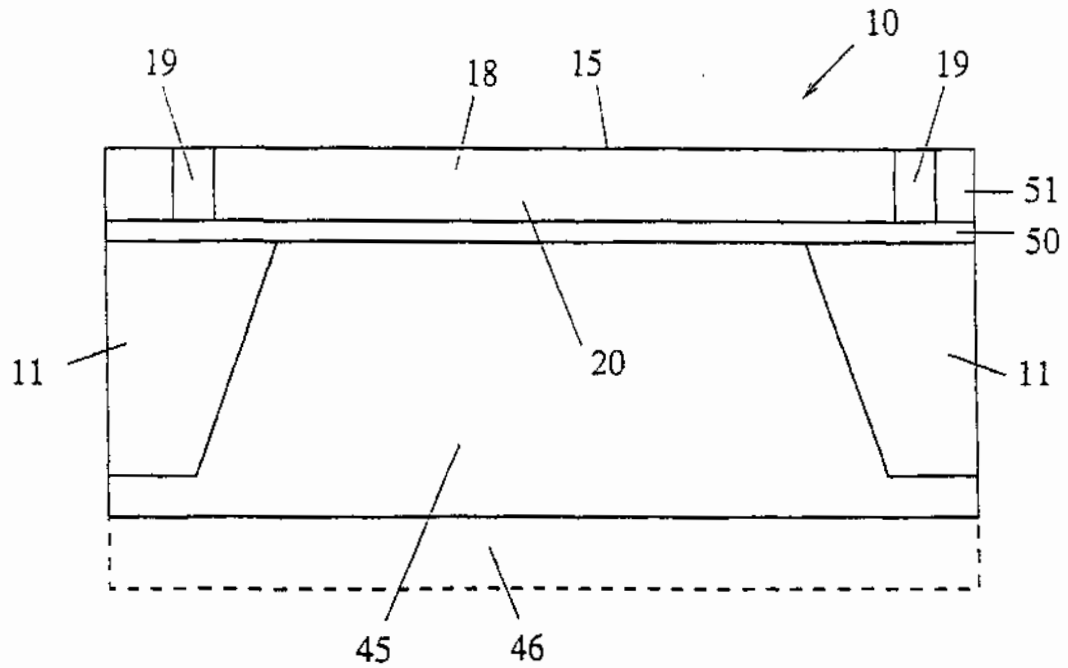


Figure 11b

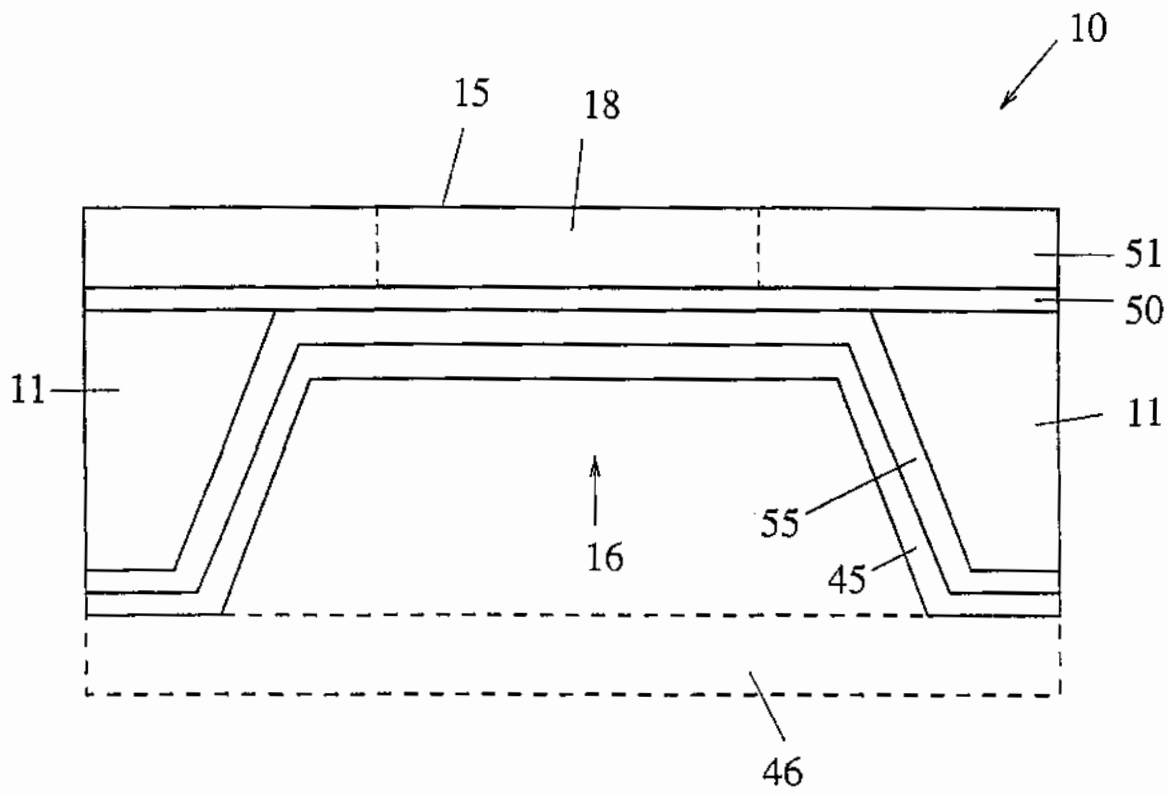


Figure 12

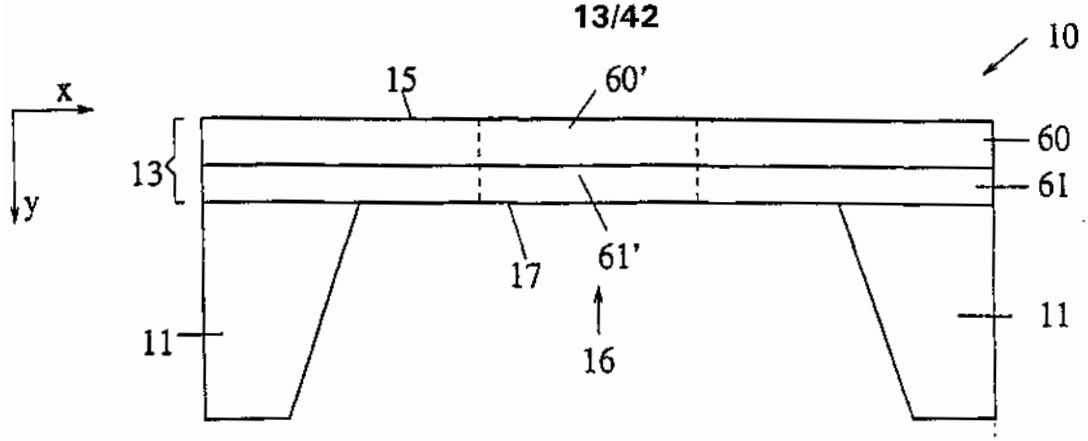


Figure 13a

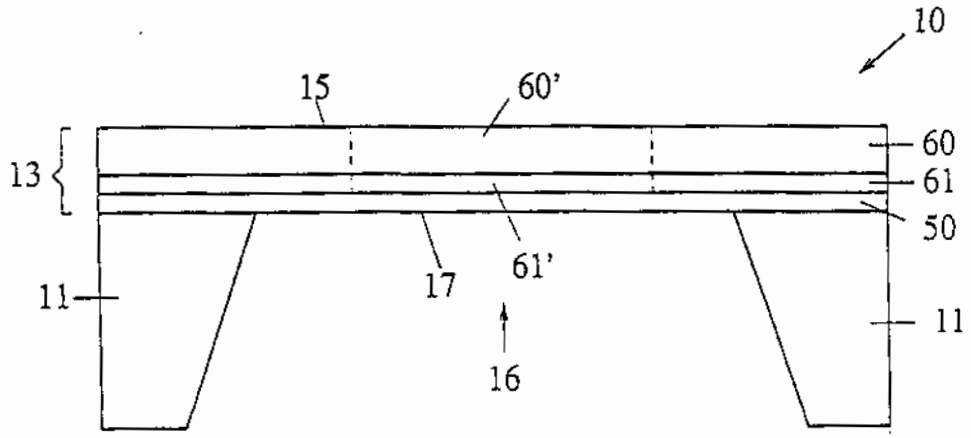


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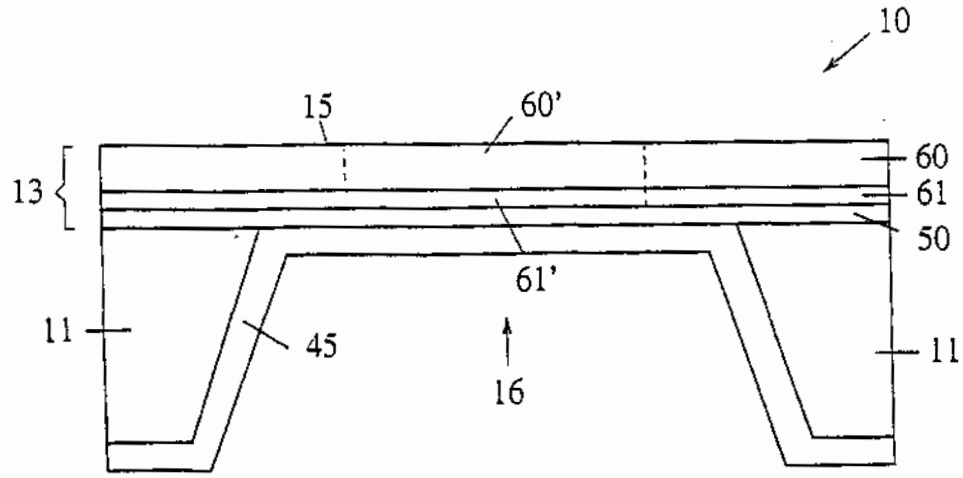


Figure 13c

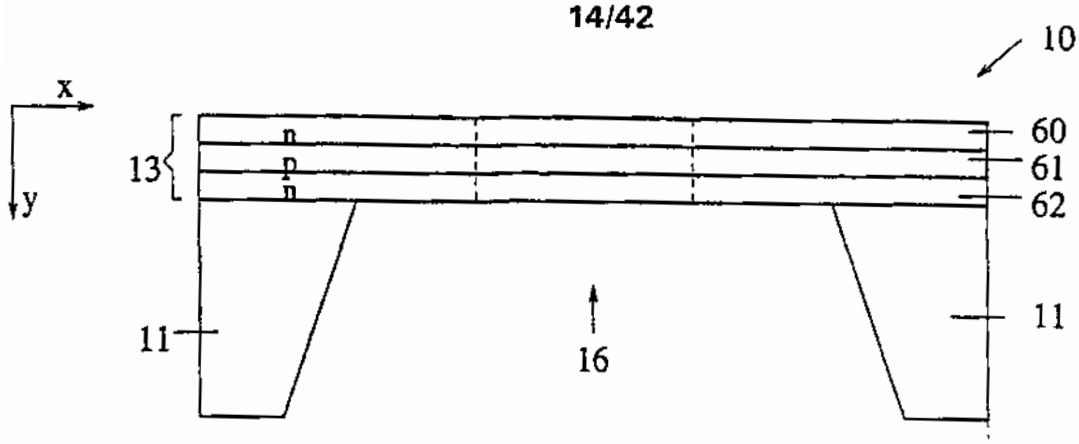


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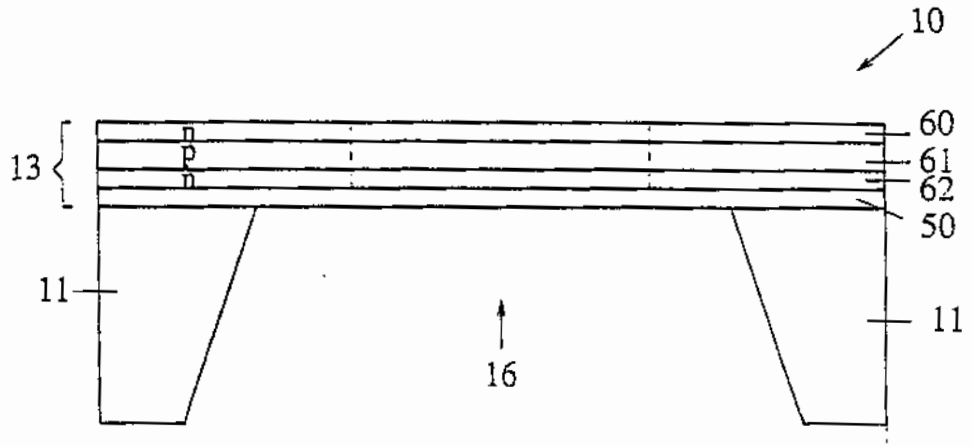


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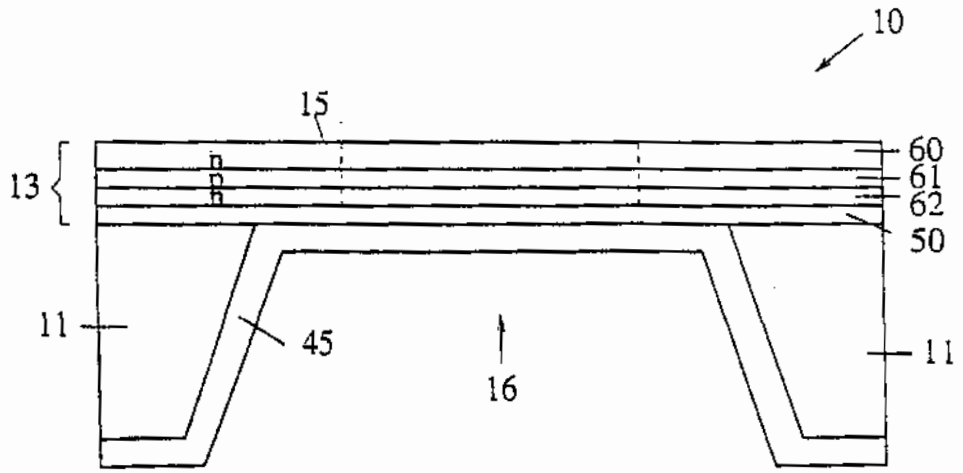


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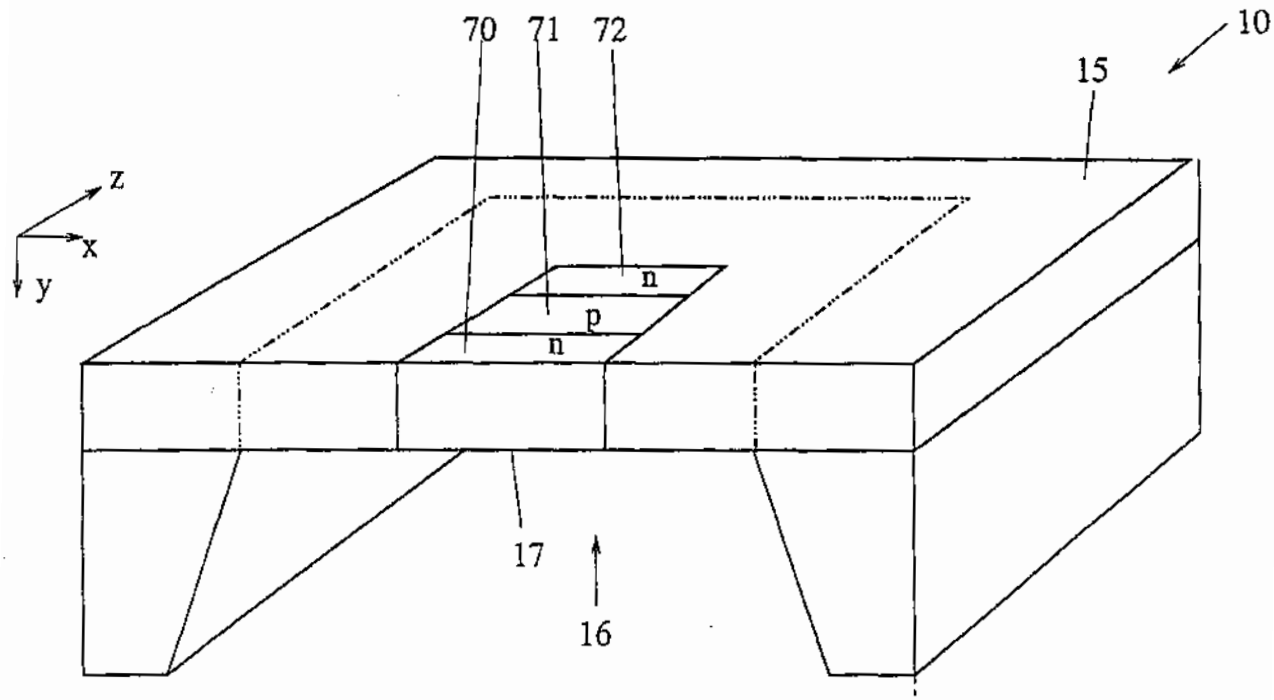


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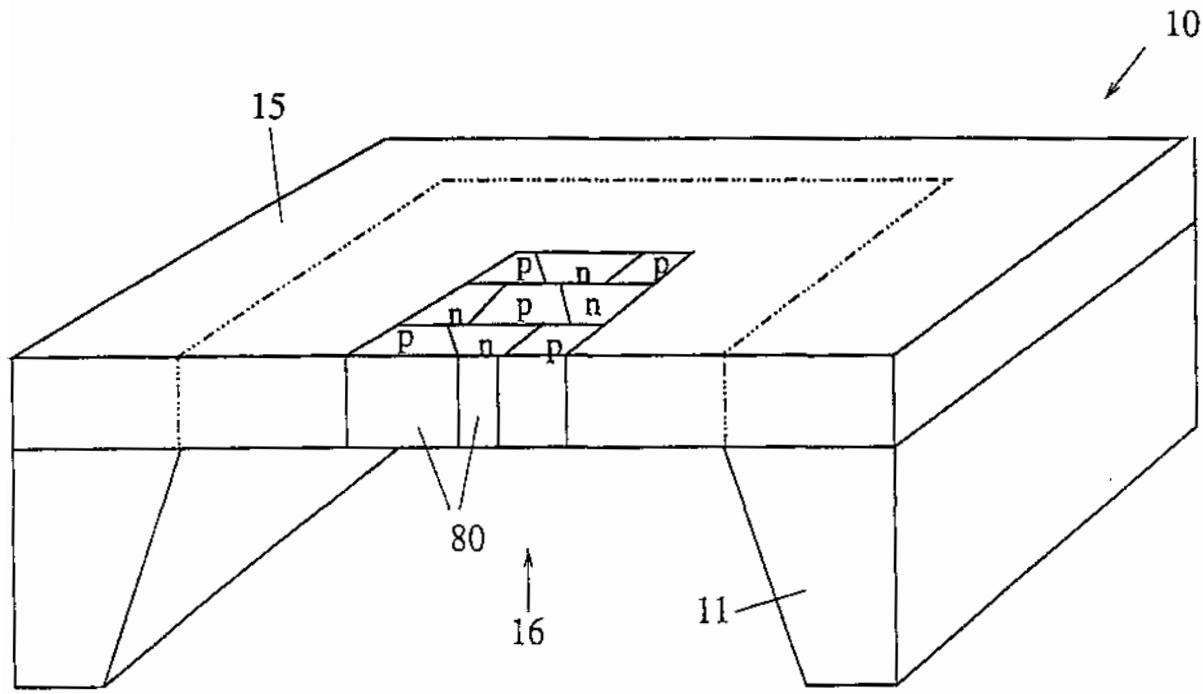


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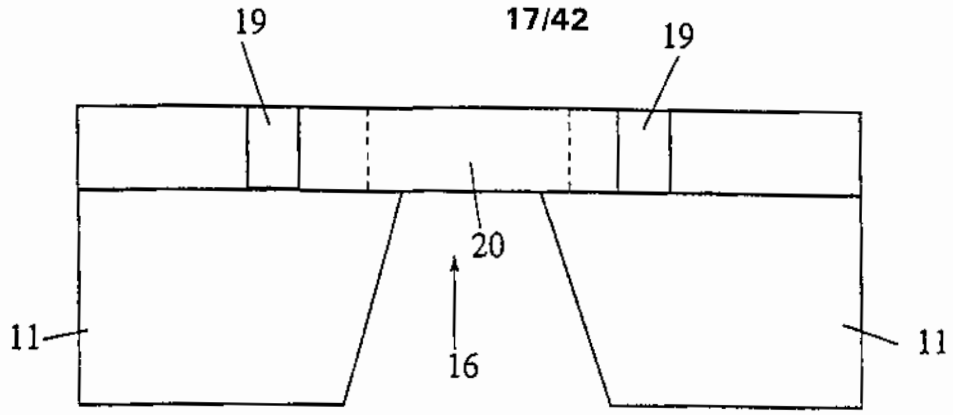


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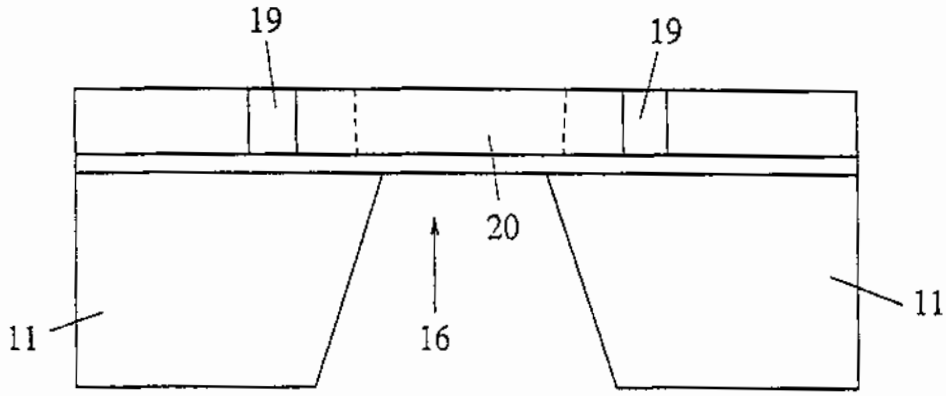


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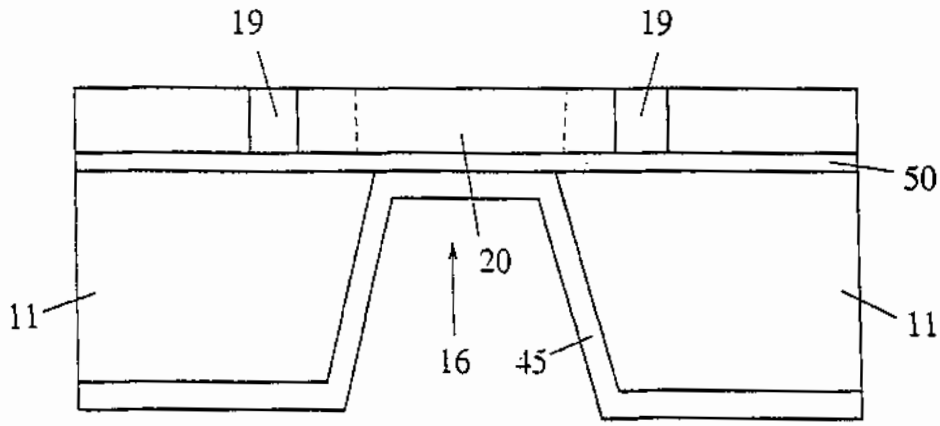


Figure 17c

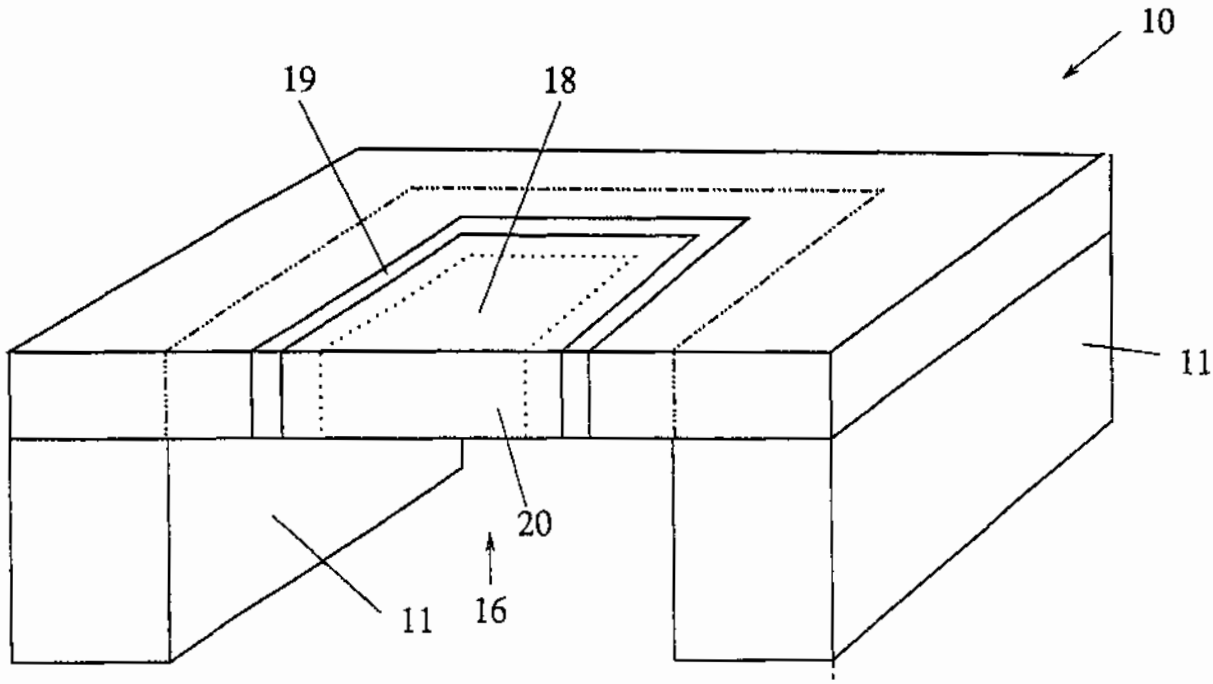


Figure 18a

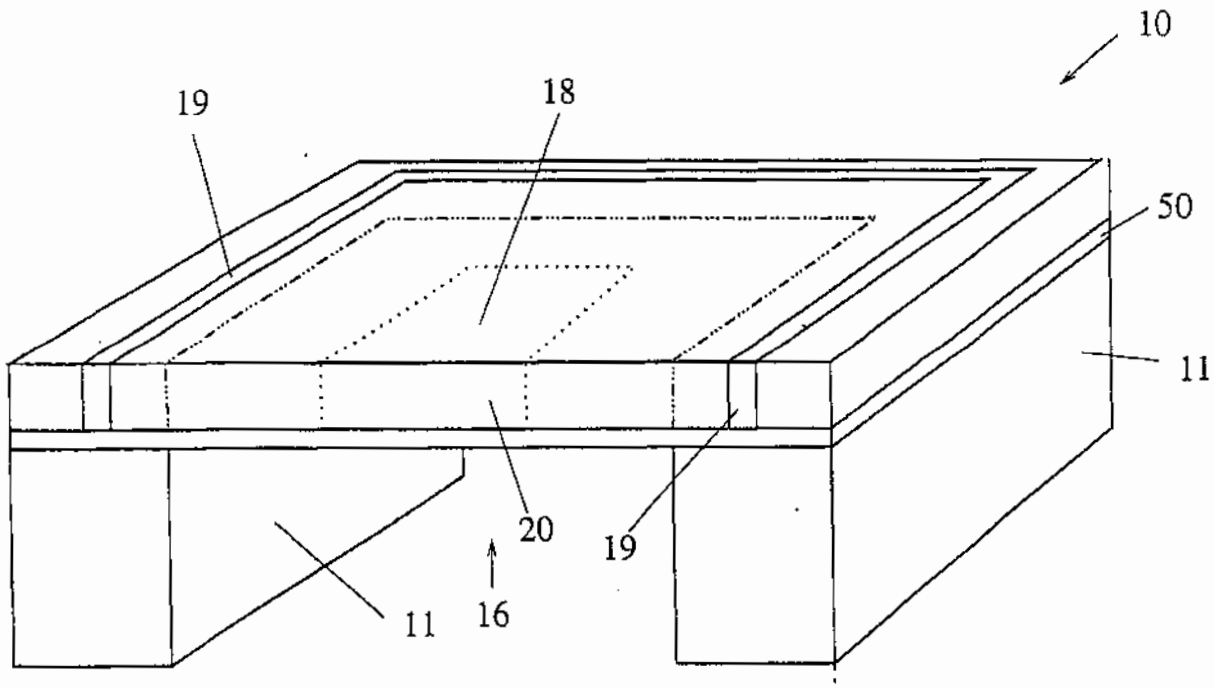


Figure 18b

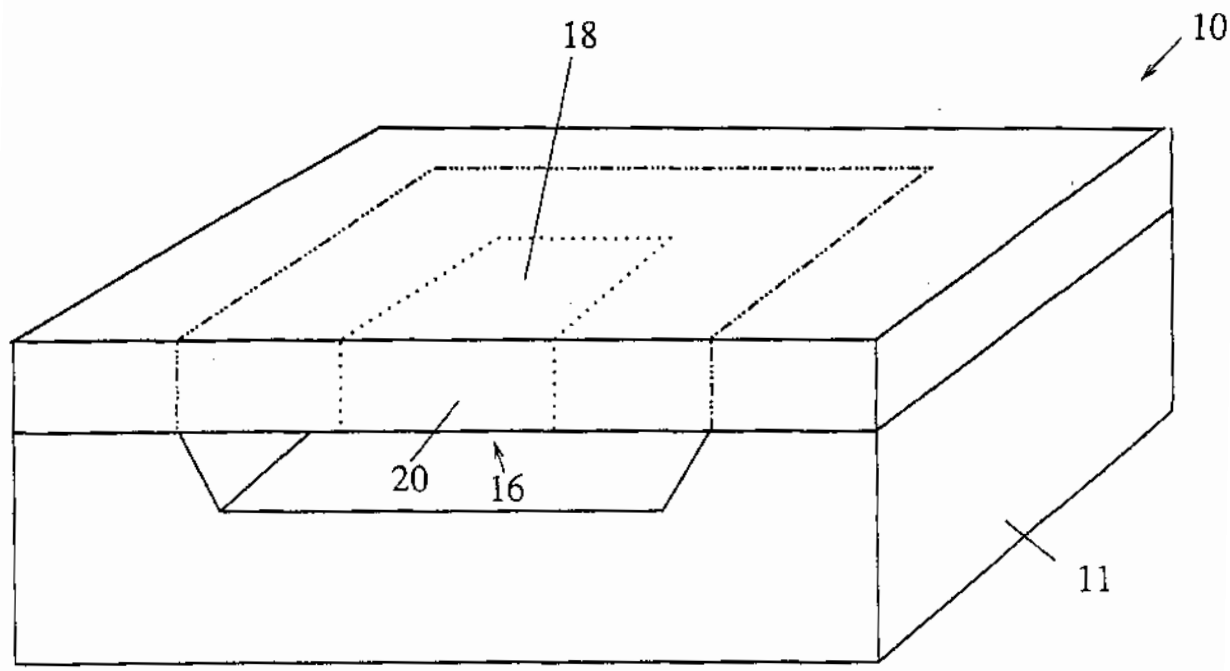


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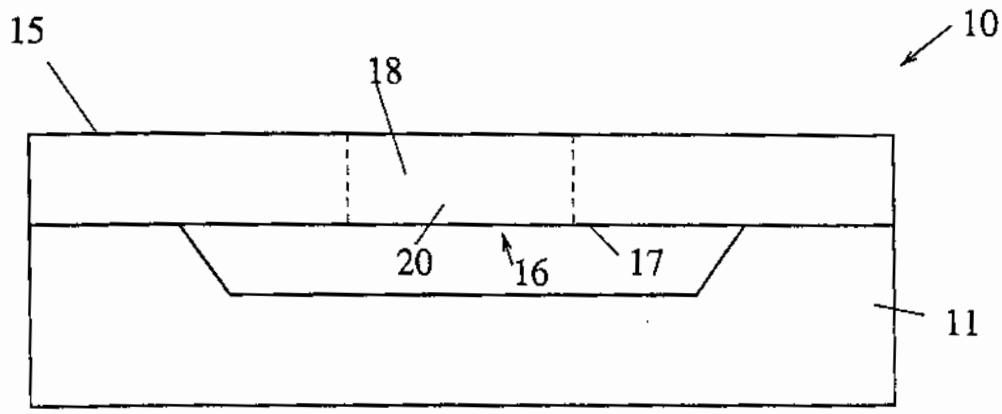


Figure 20

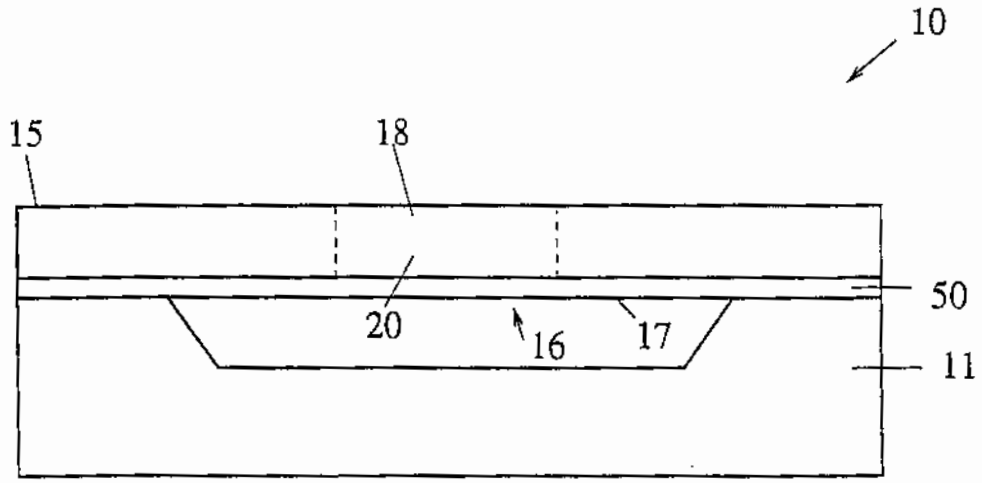


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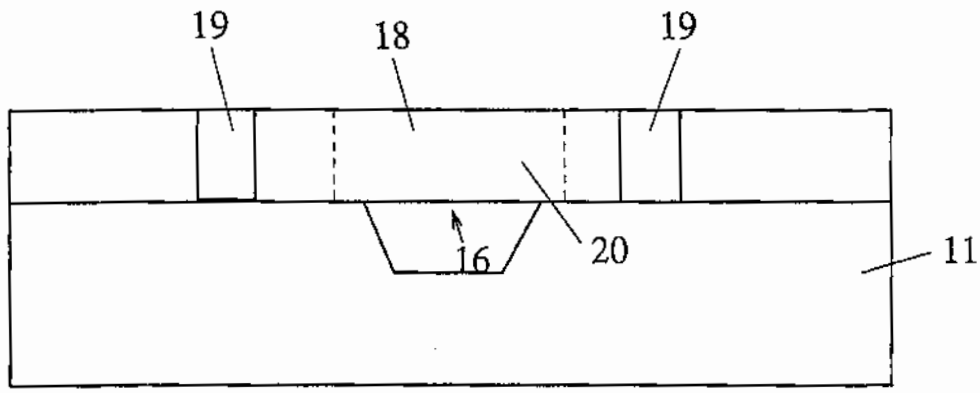


Figure 22a

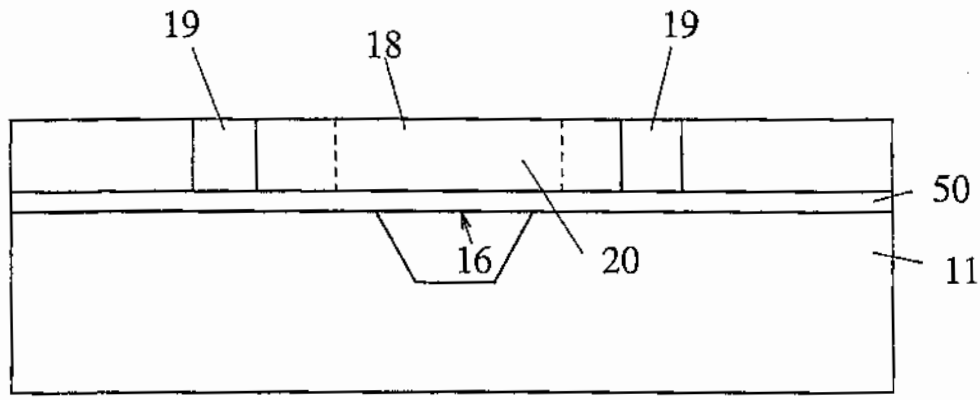


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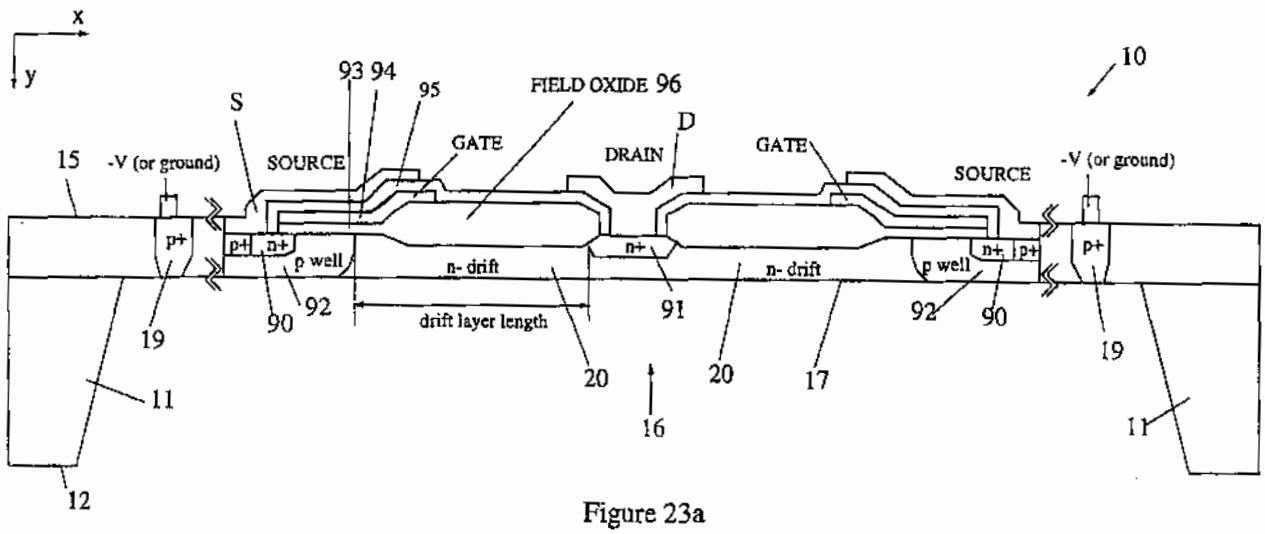


Figure 23a

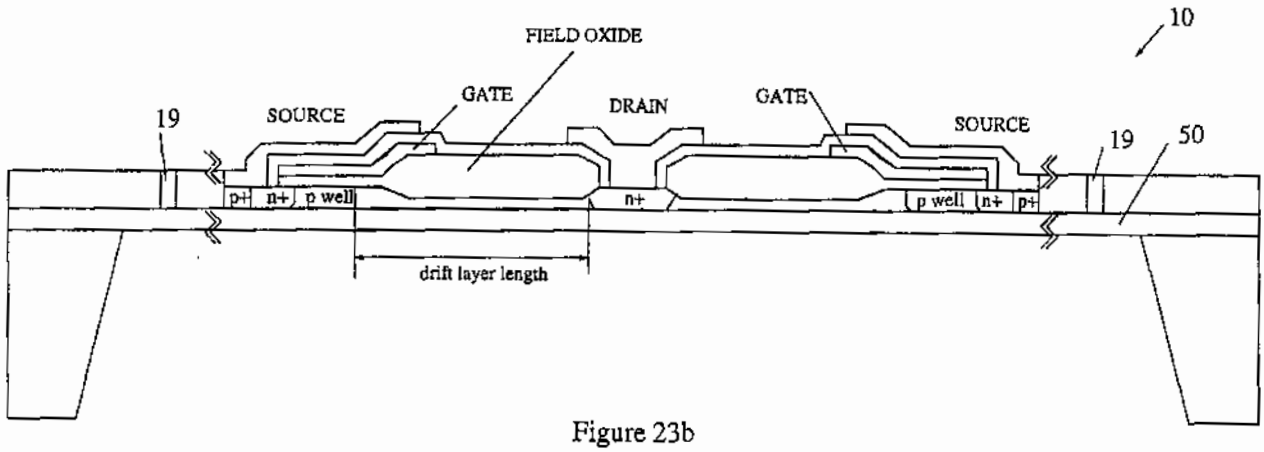


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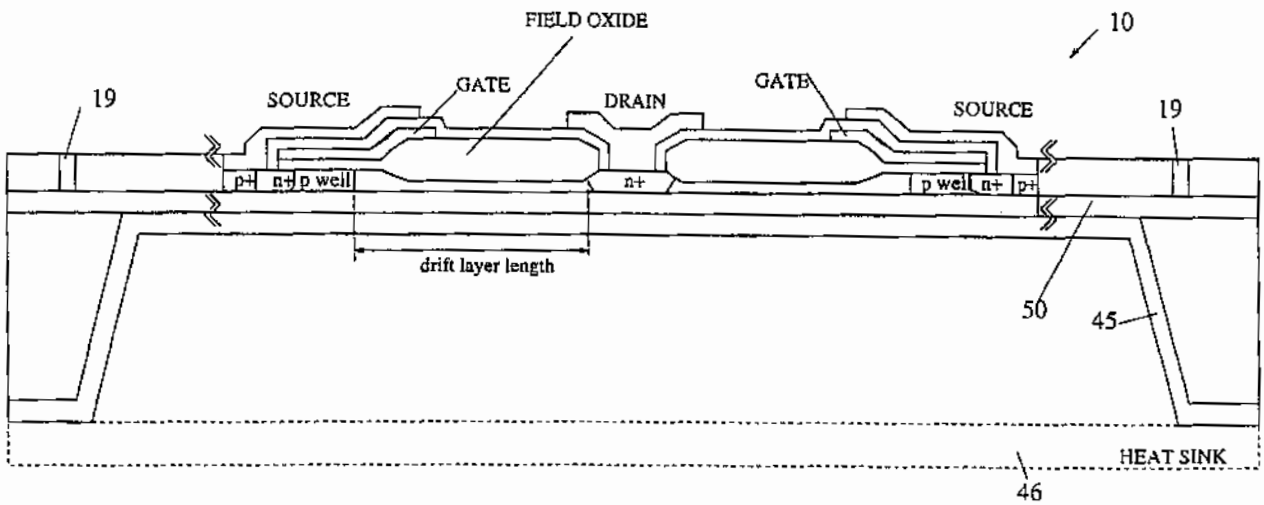


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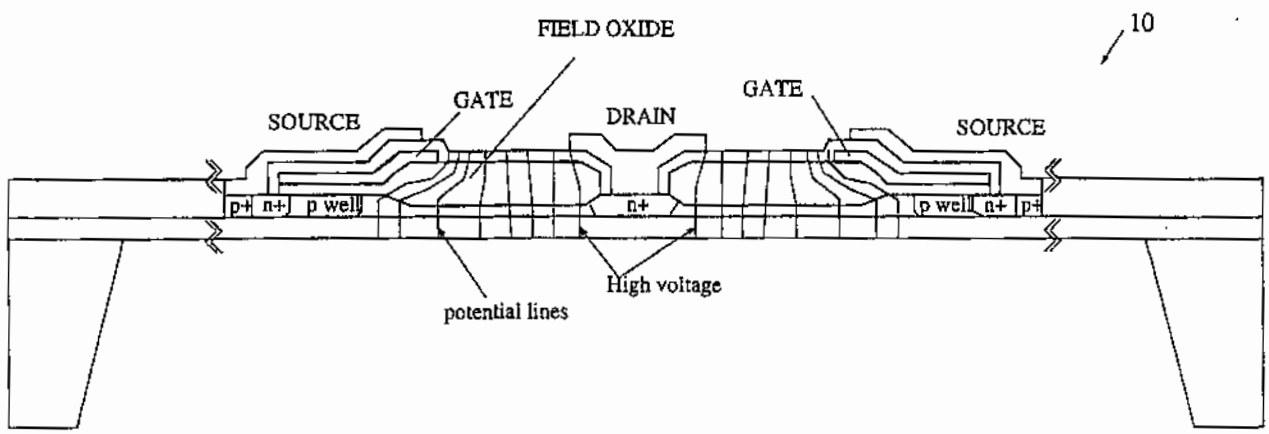

FIELD OXIDE
10
SOURCE
GATE
DRAIN
GATE
SOURCE
p+
n+
p well
n+
p well
n+
p+
High voltage
potential lines

Figure 24

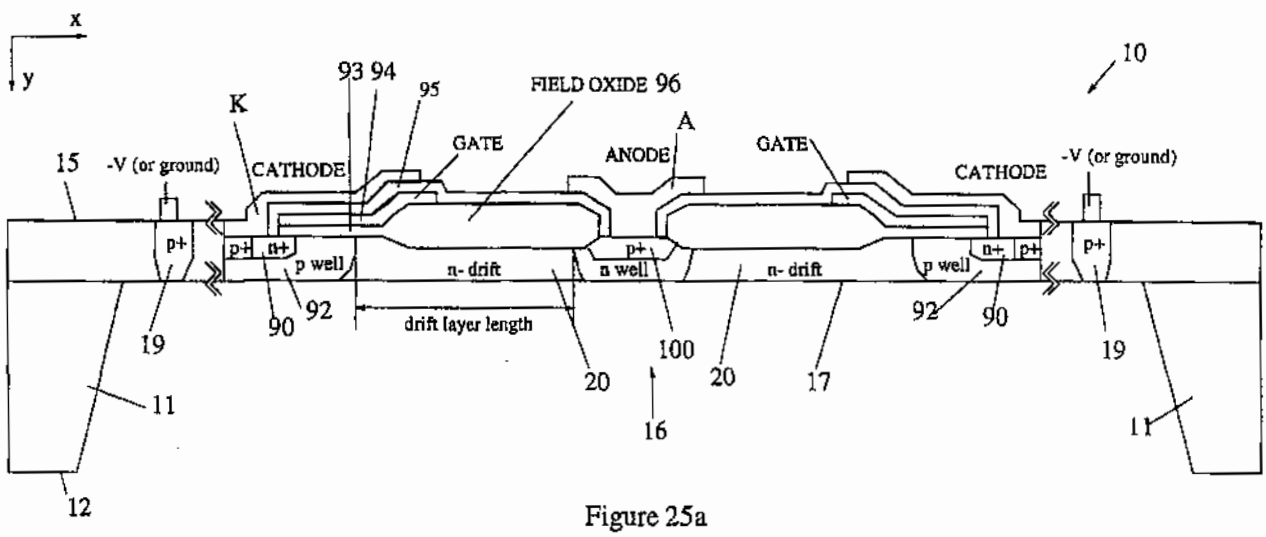


Figure 25a

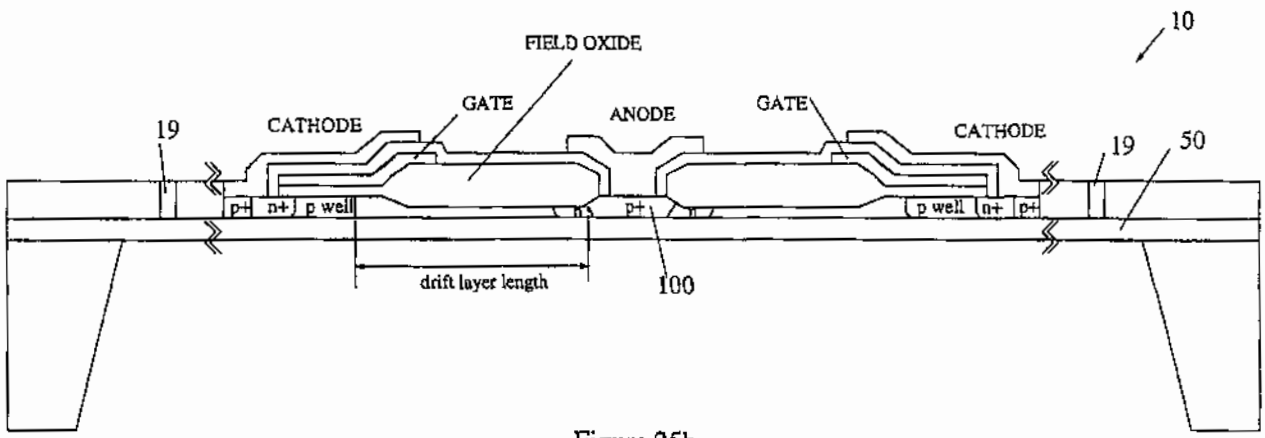


Figure 25b

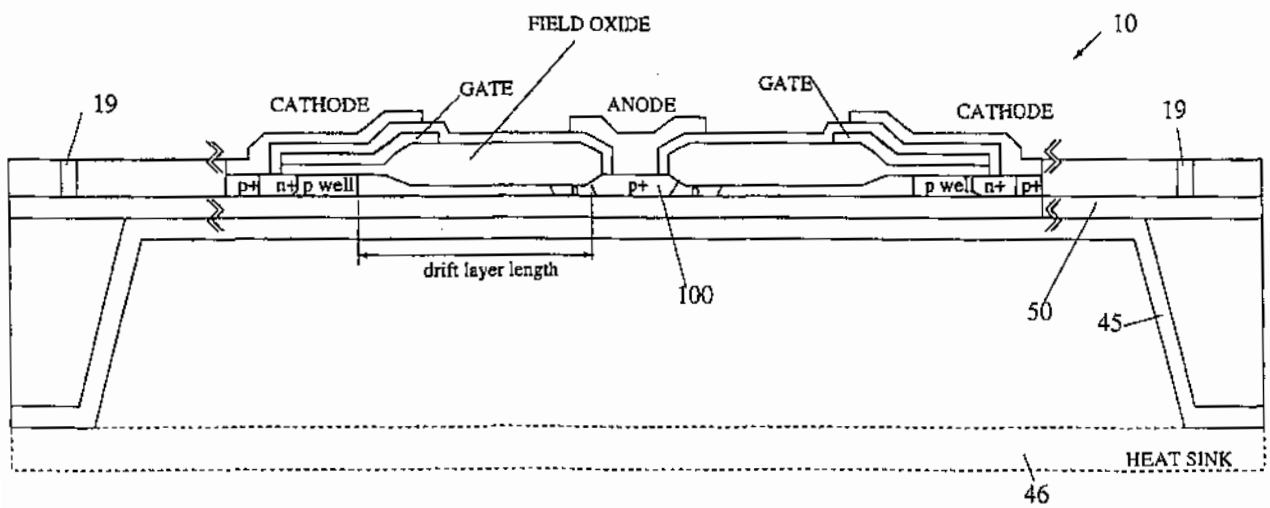


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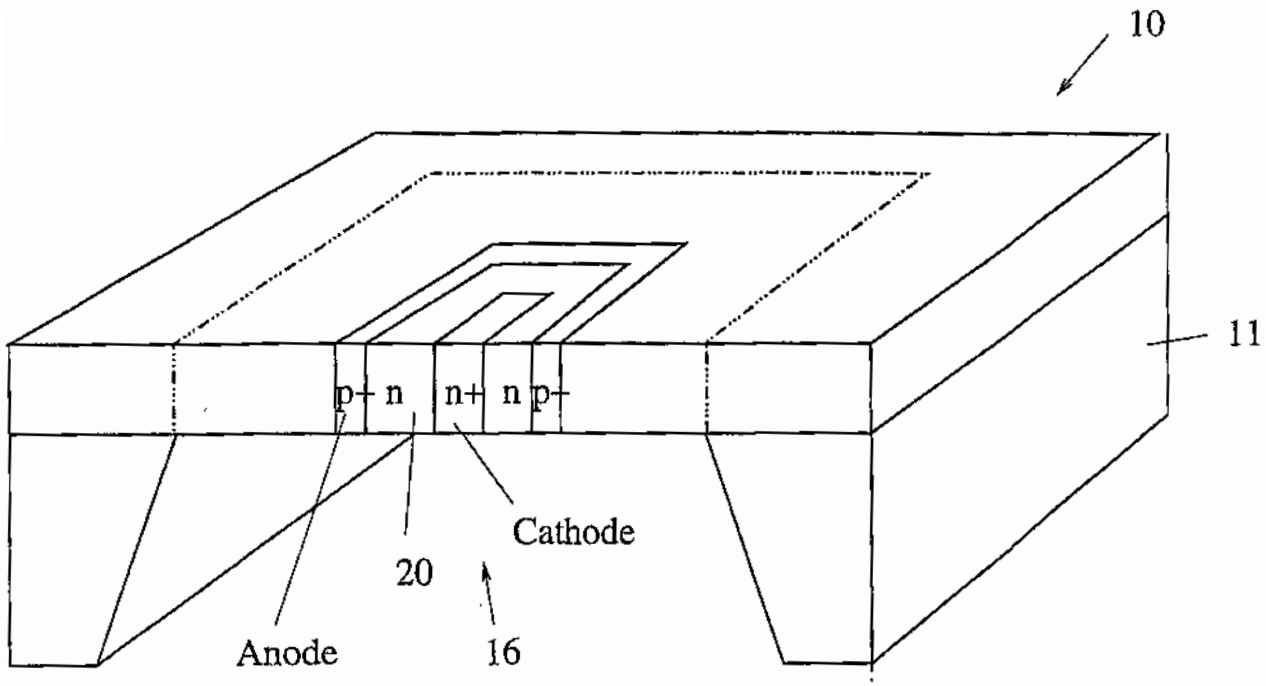


Figure 26a

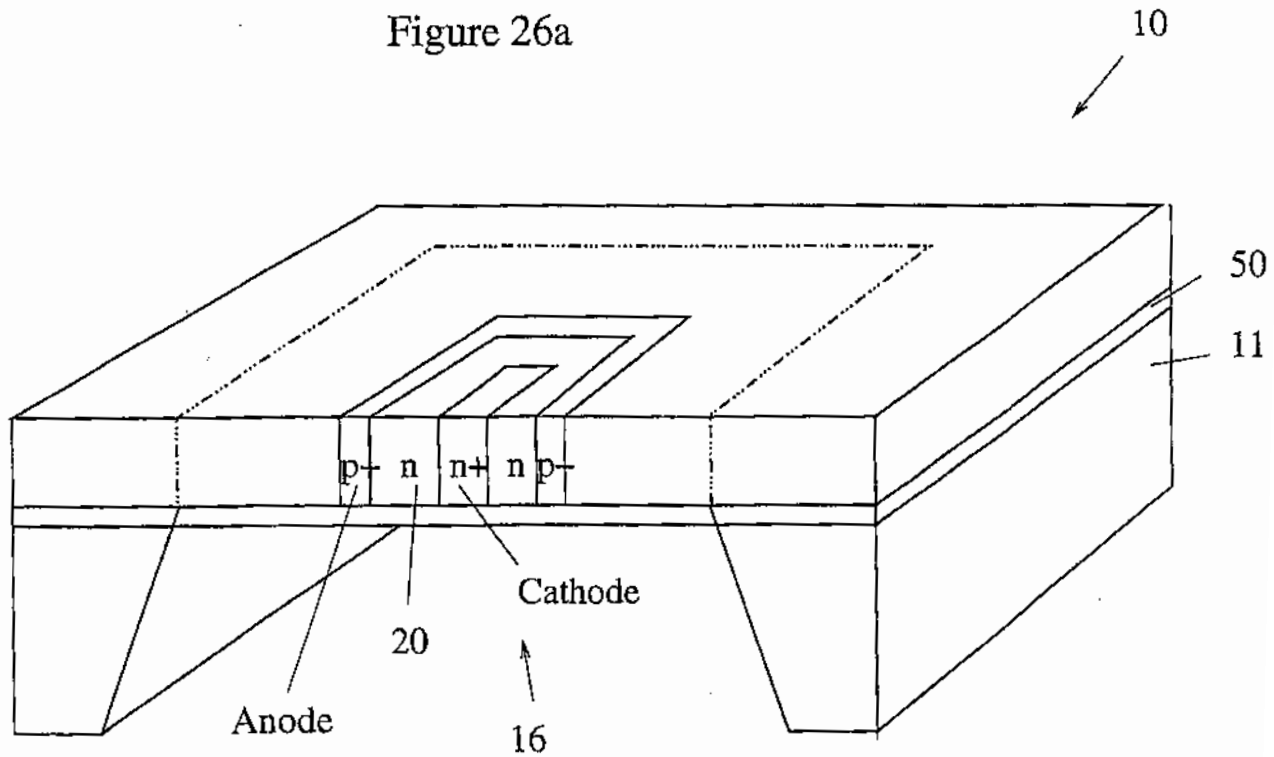


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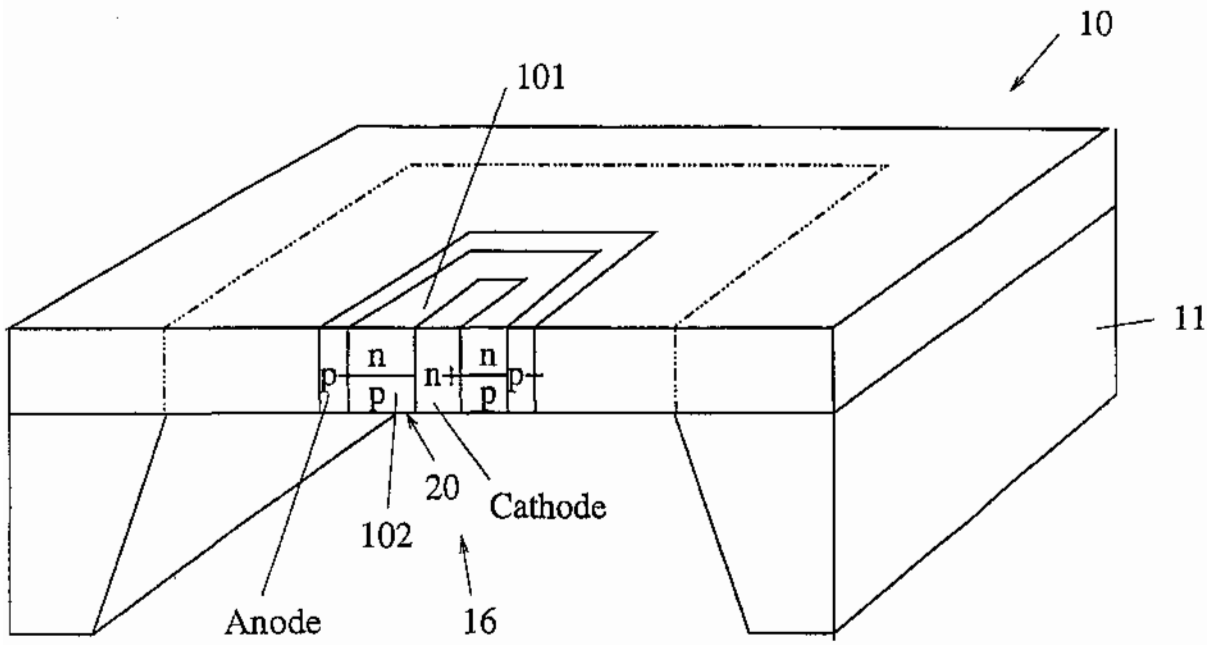


Figure 27a

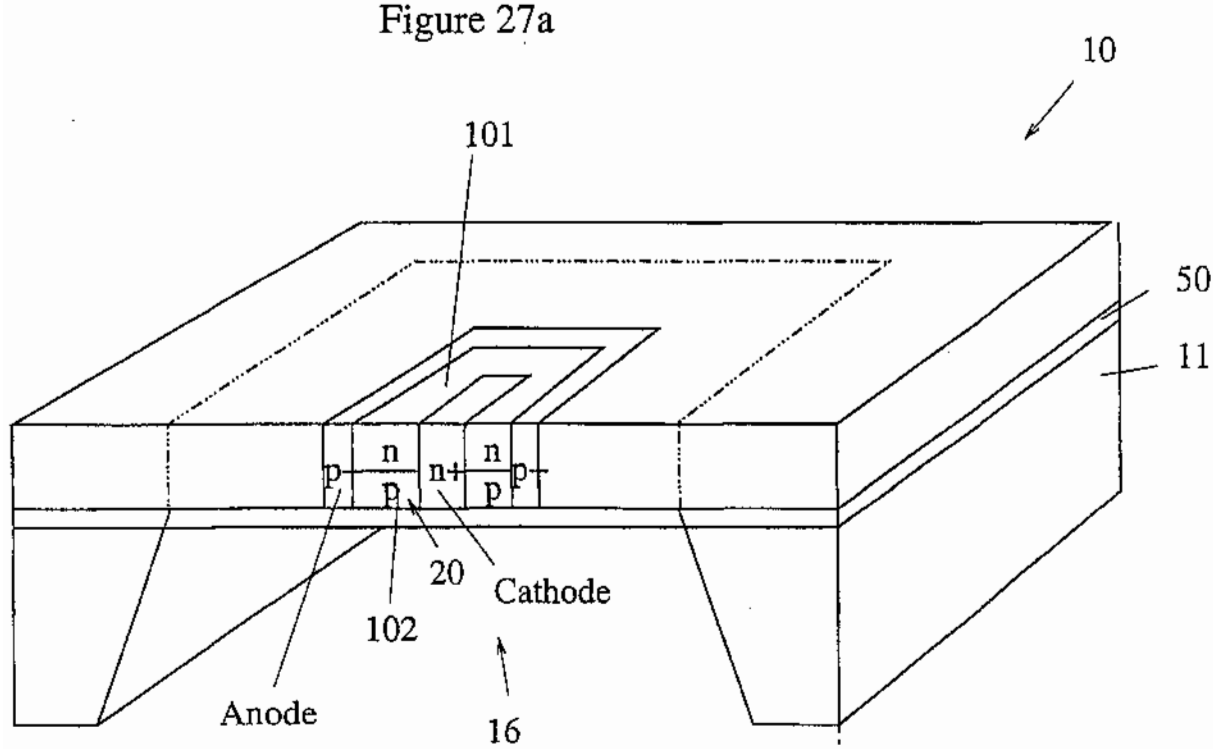


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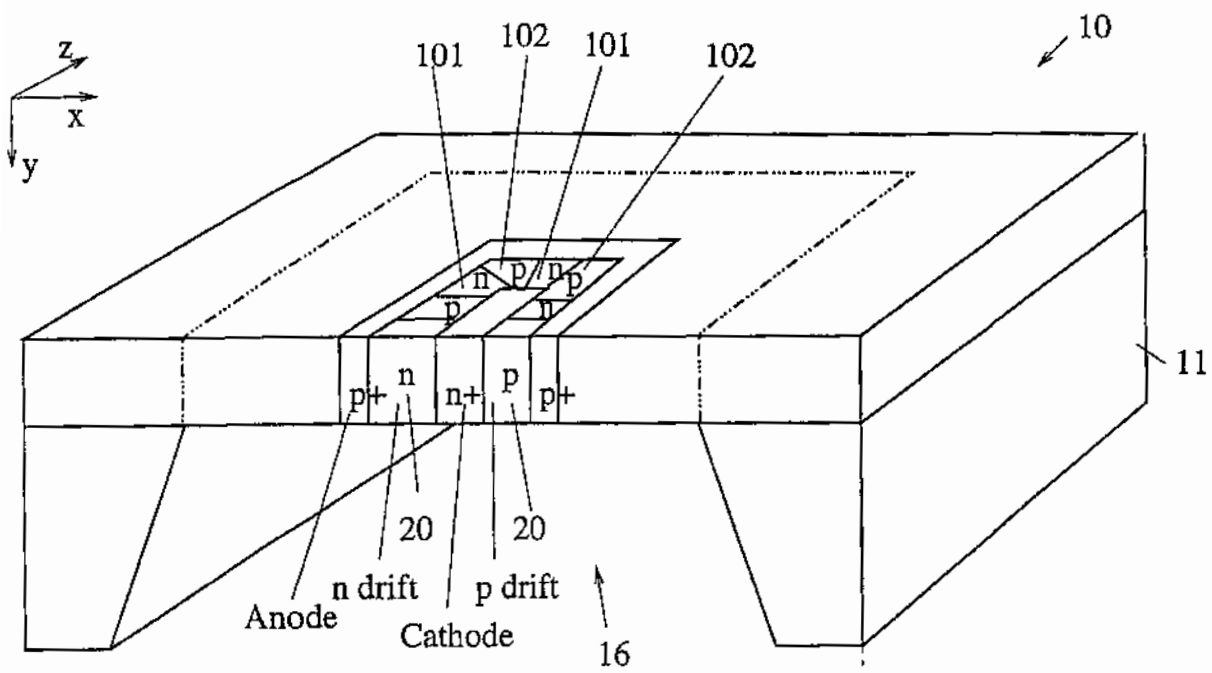


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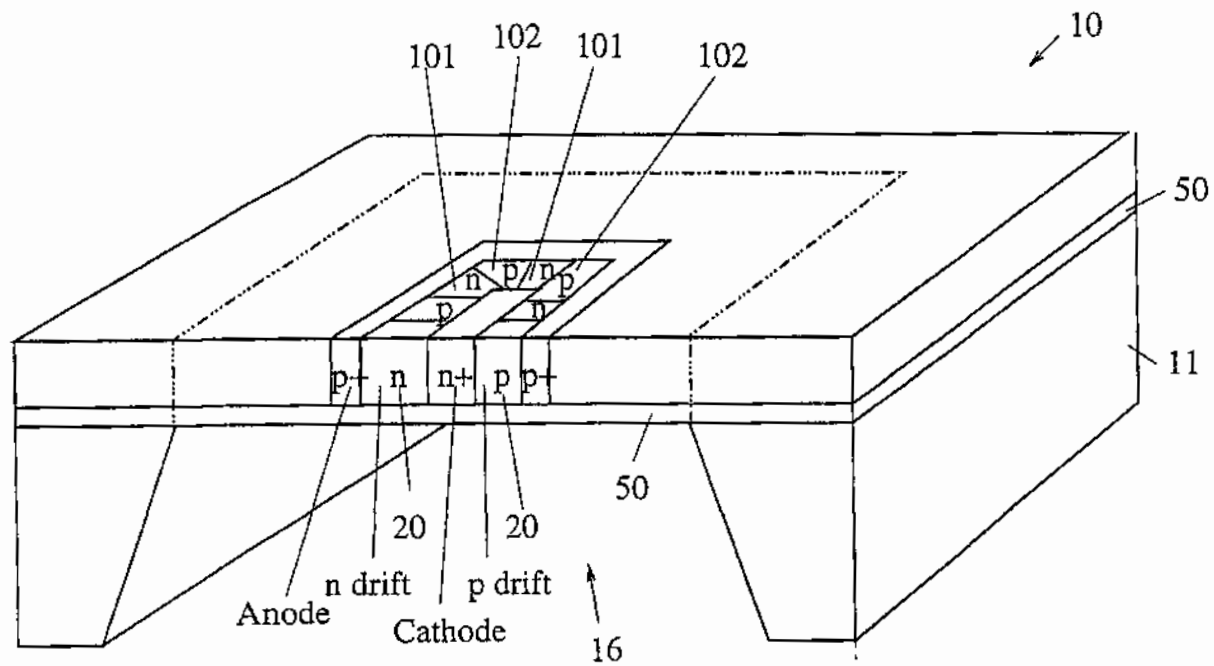


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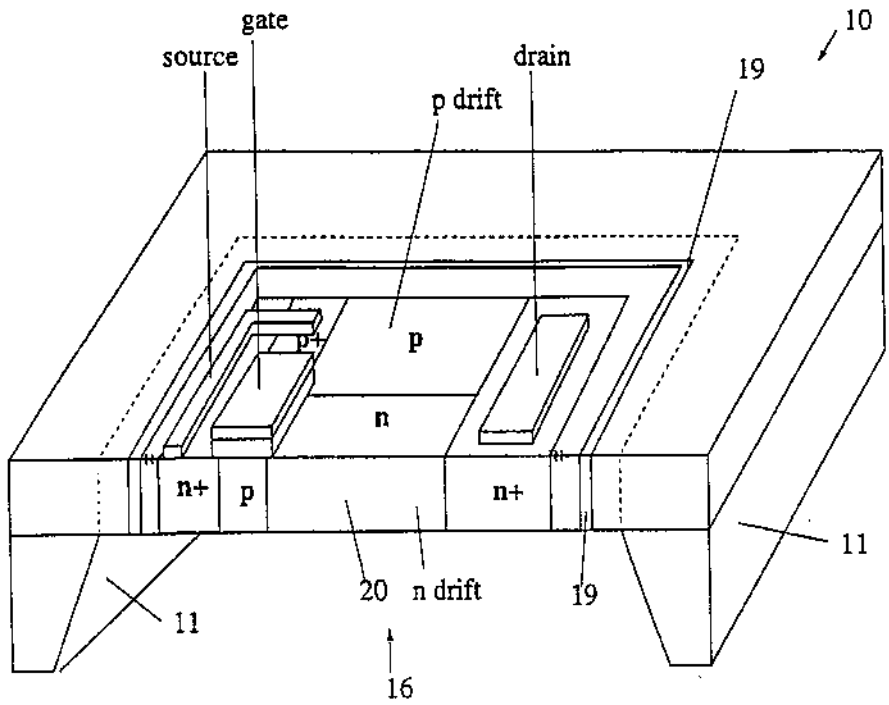


Figure 29a

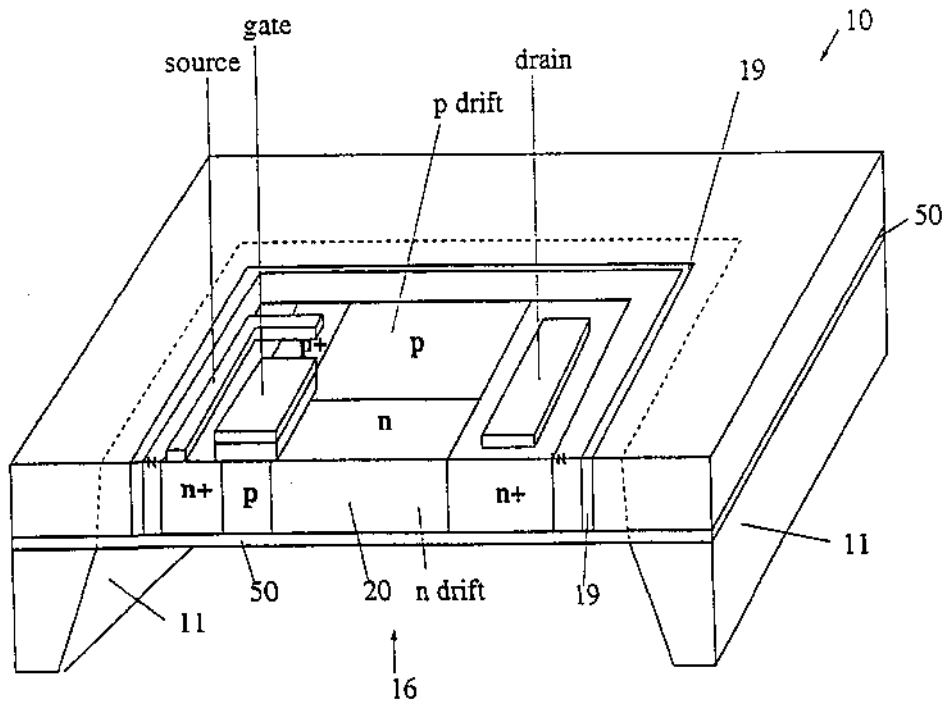


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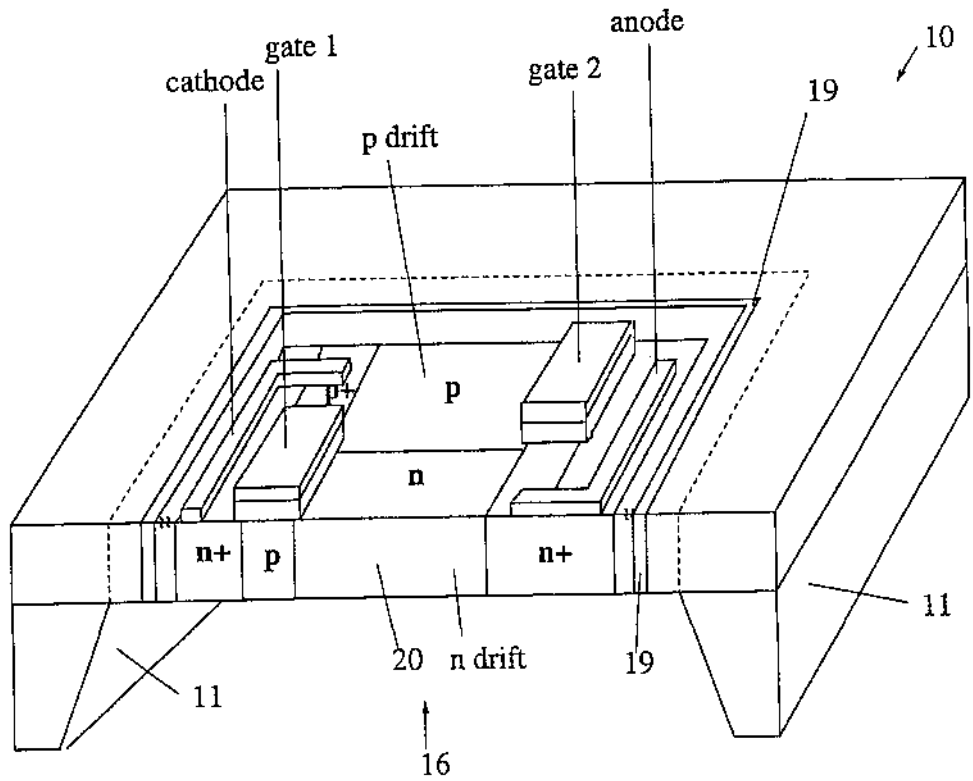

anode
10
gate 1
cathode
gate 2
19
p drift
p+
p
n
n+
p
n+
11
20
n drift
19
11
16

Figure 30

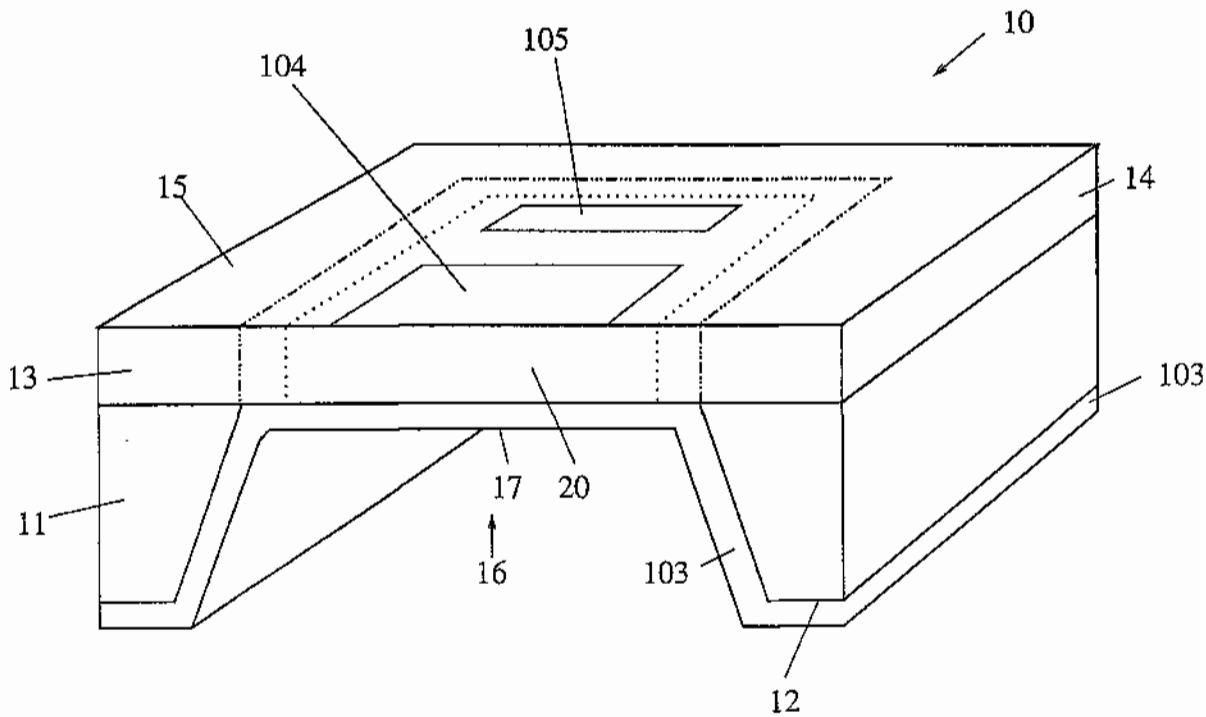


Figure 31

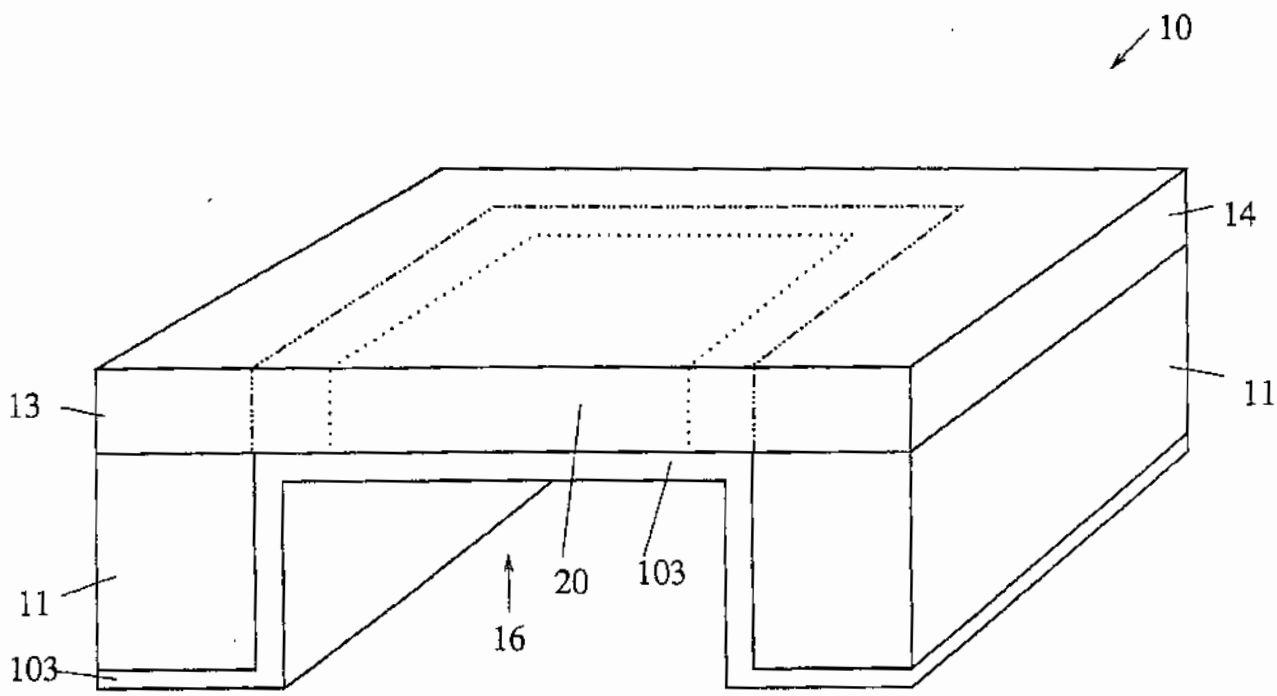


Figure 32

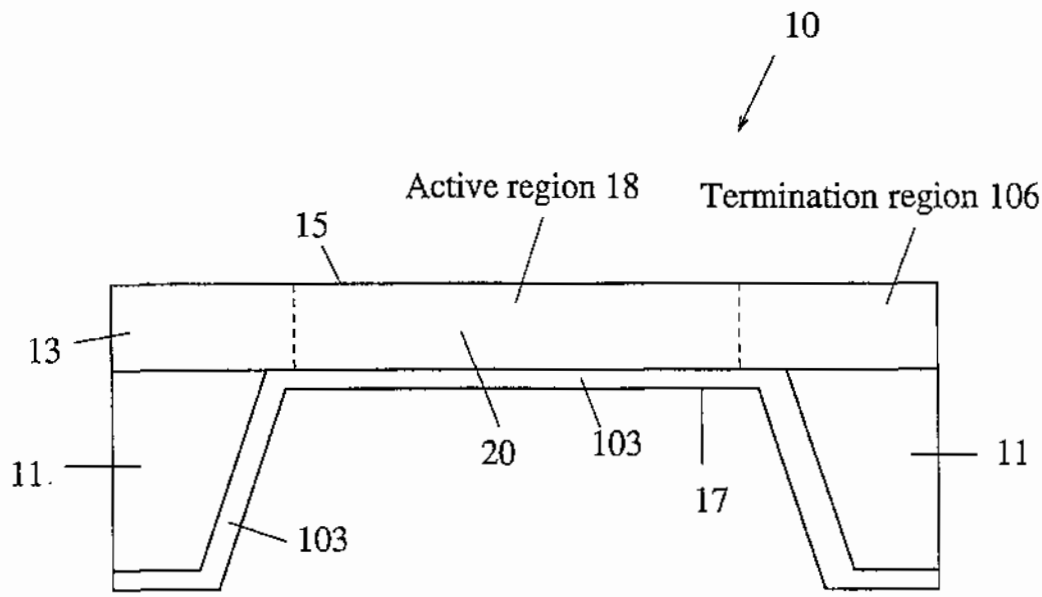

10
Active region 18
Termination region 106
15
13
11
20
103
17
11
103

Figure 33

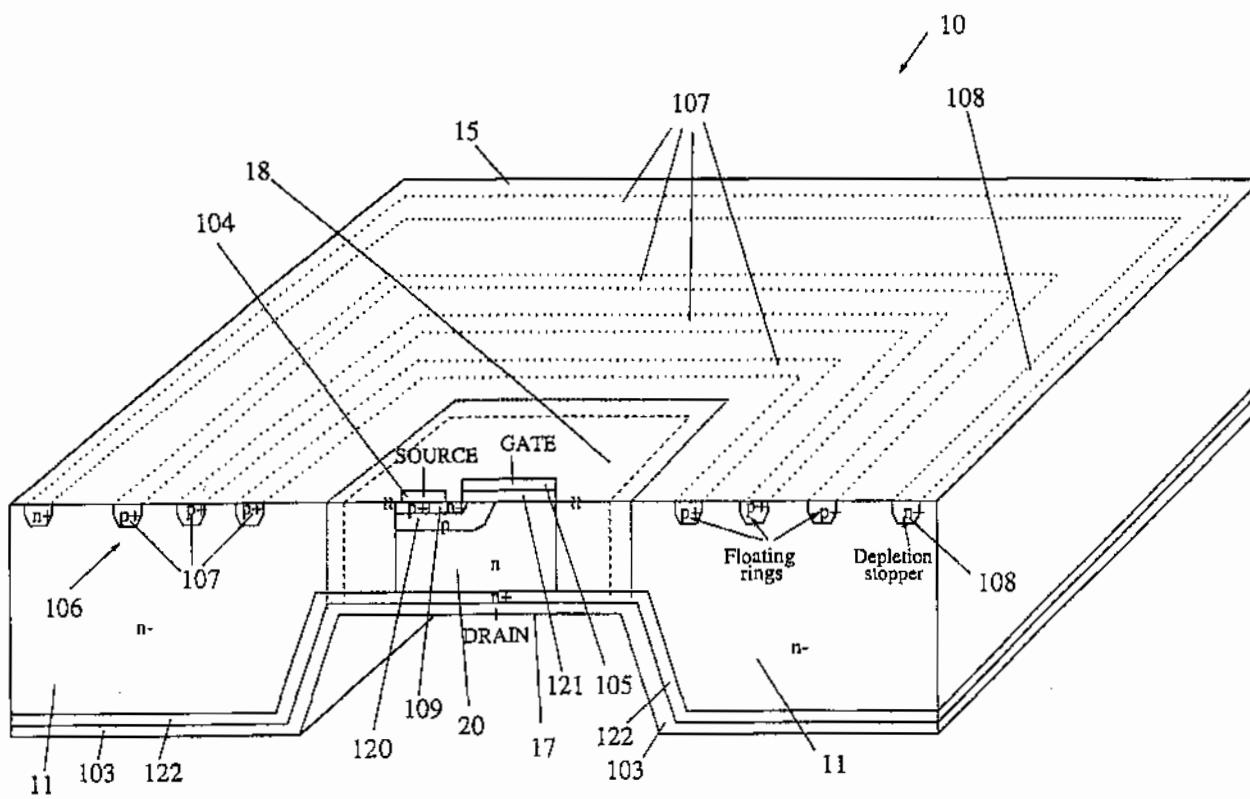

10
107
108
15
18
104
SOURCE
GATE
106
107
n-
DRAIN
Floating rings
Depletion stopper
108
n-
11
103
122
120
109
20
17
121
105
122
103
11

Figure 34

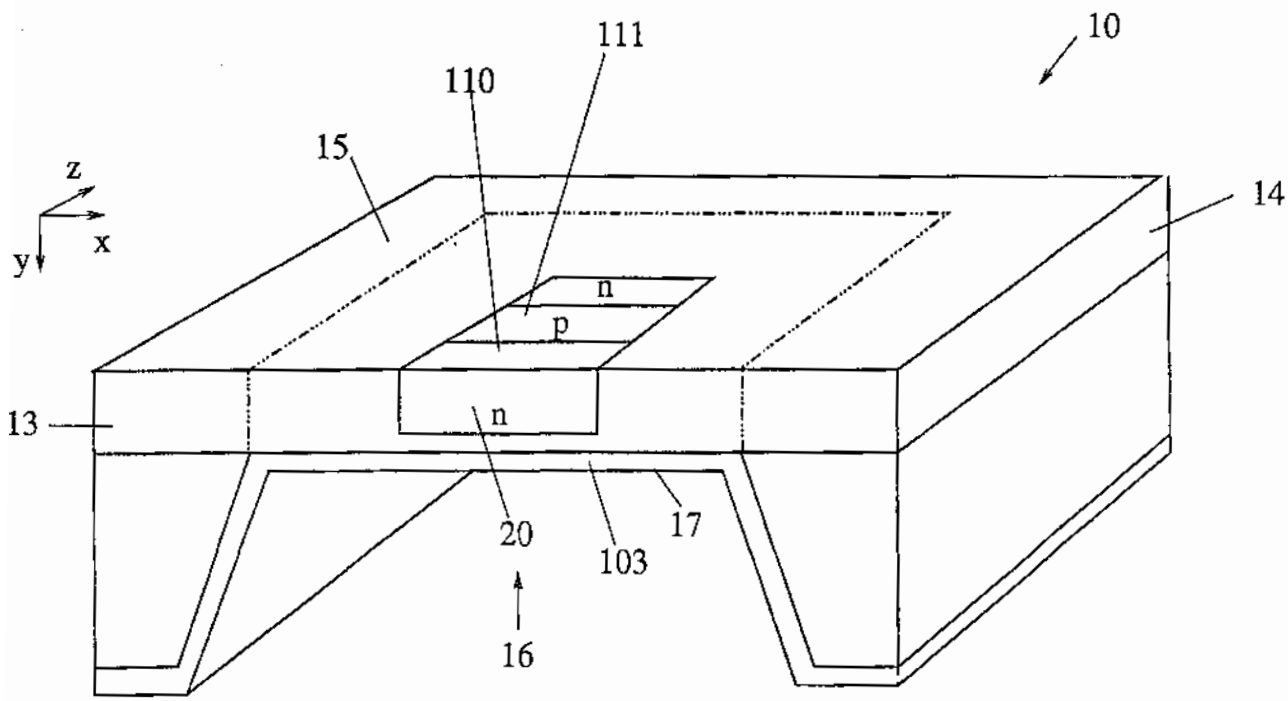


Figure 35

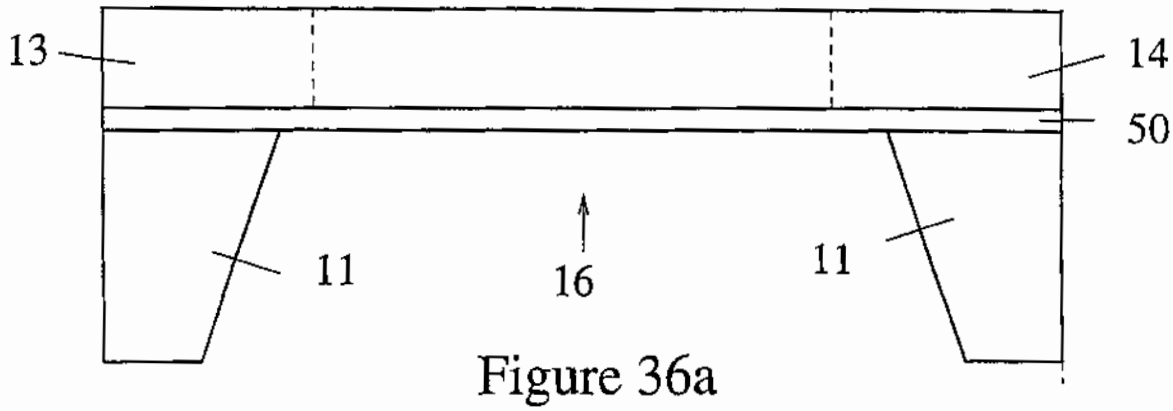


Figure 36a

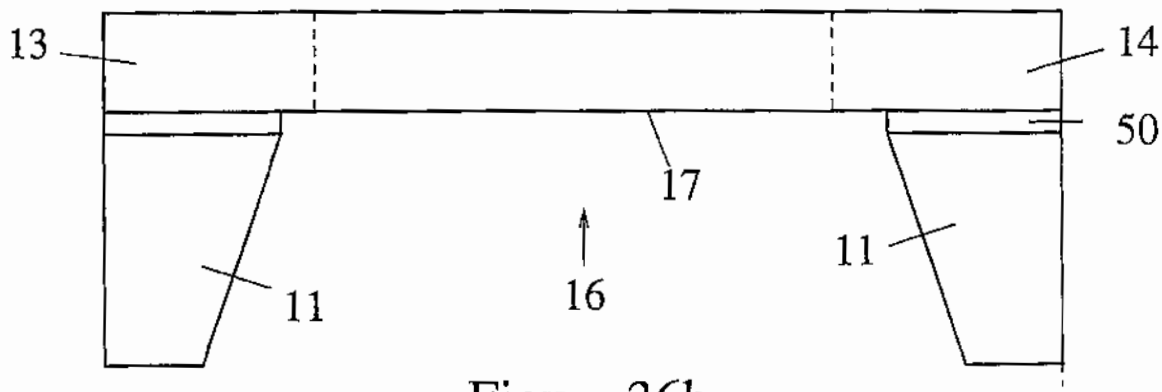


Figure 36b

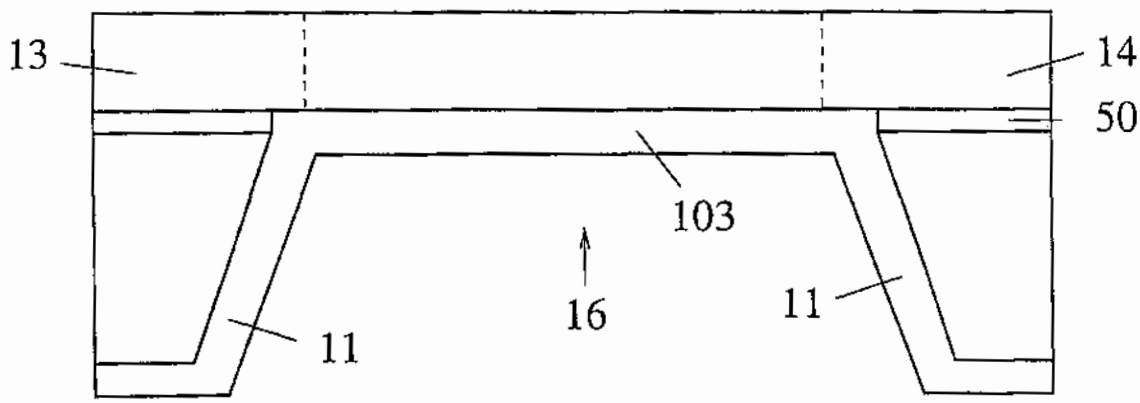


Figure 36c

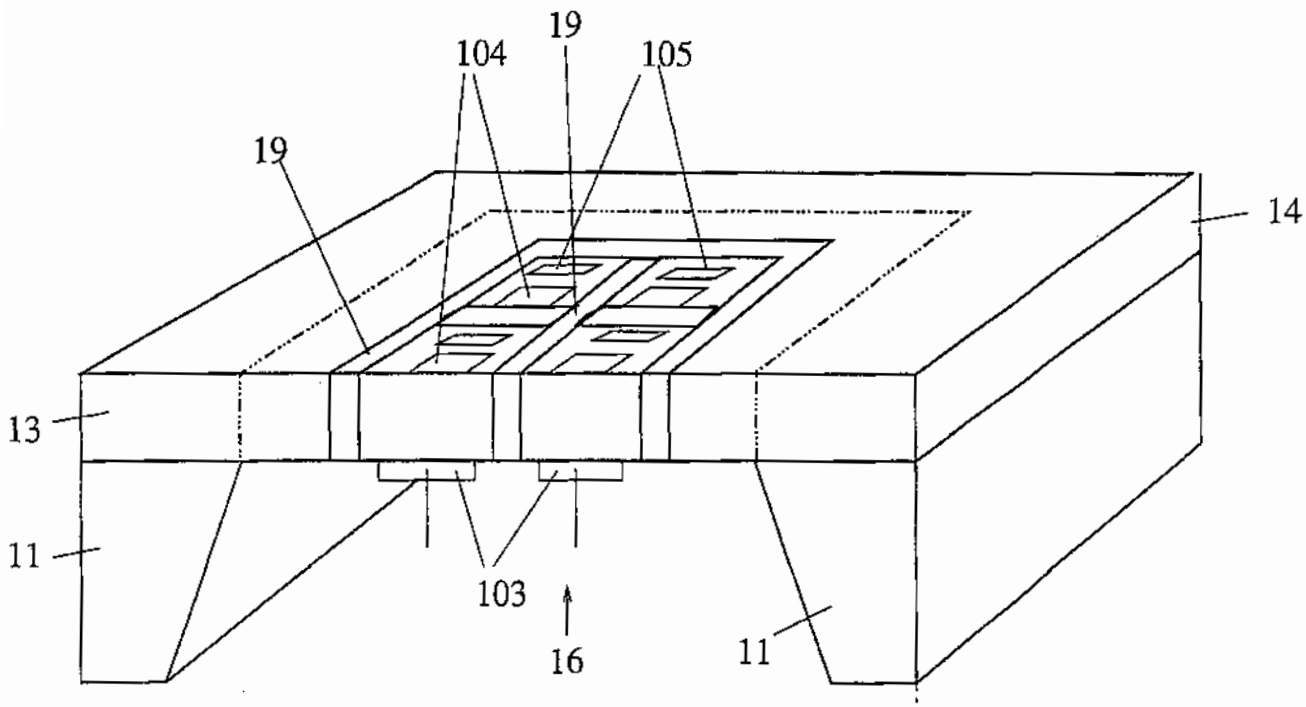


Figure 37

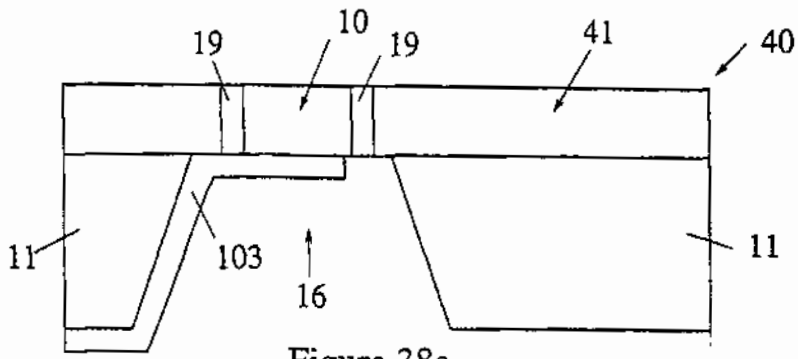


Figure 38a

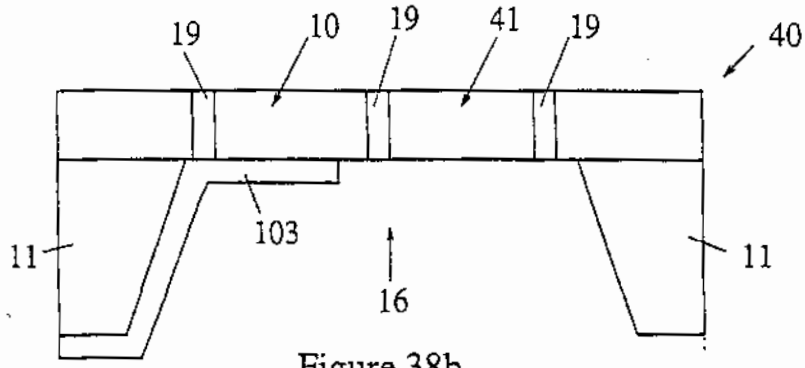


Figure 38b

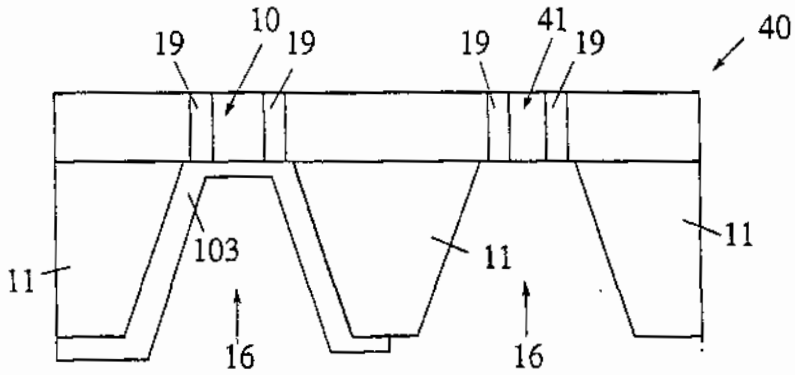


Figure 38c

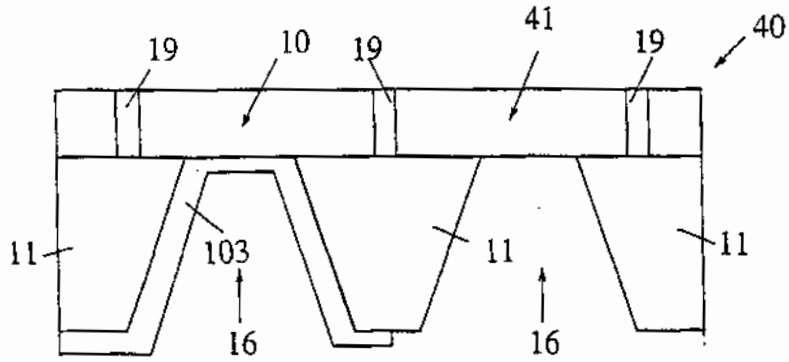


Figure 38d

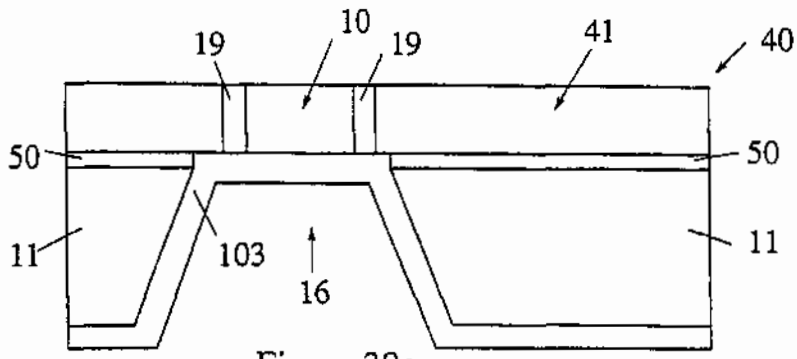


Figure 39a

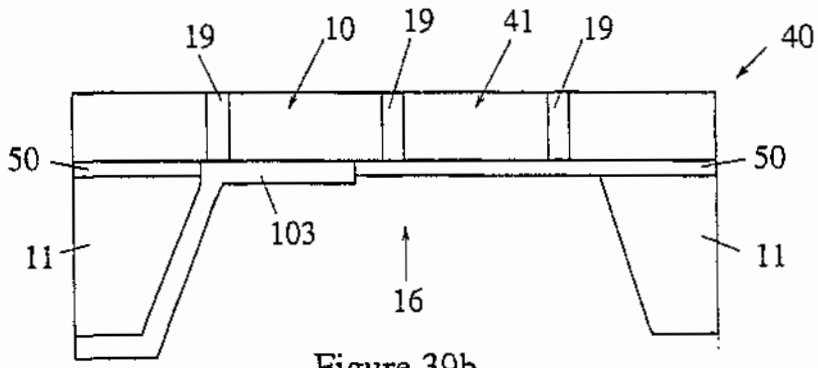


Figure 39b

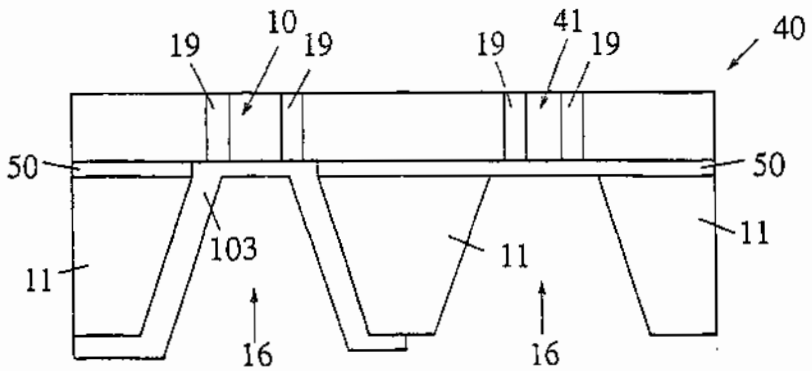


Figure 39c

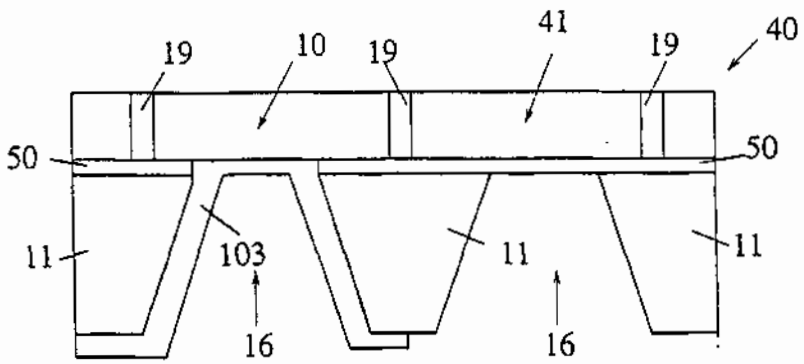


Figure 39d

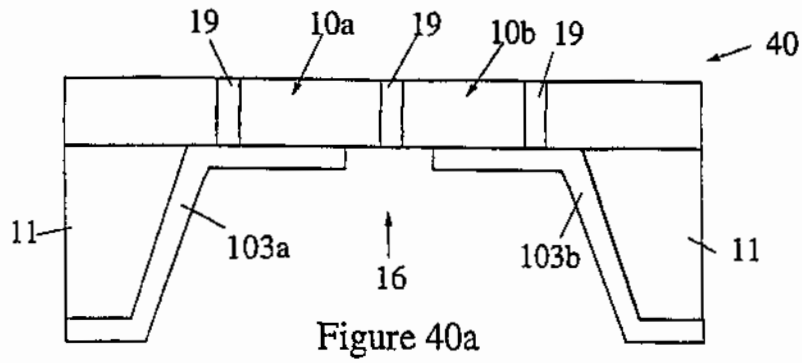


Figure 40a

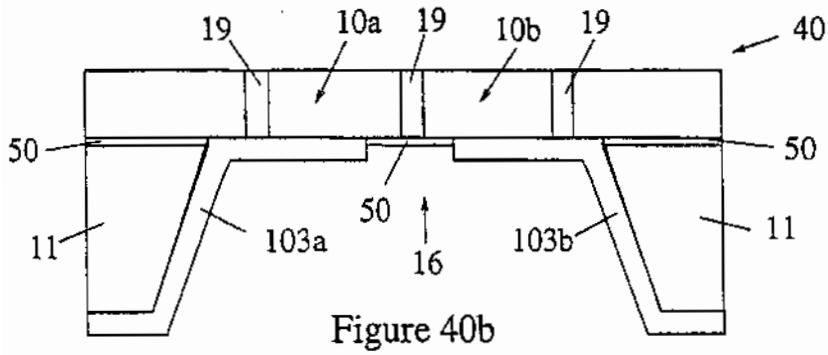


Figure 40b

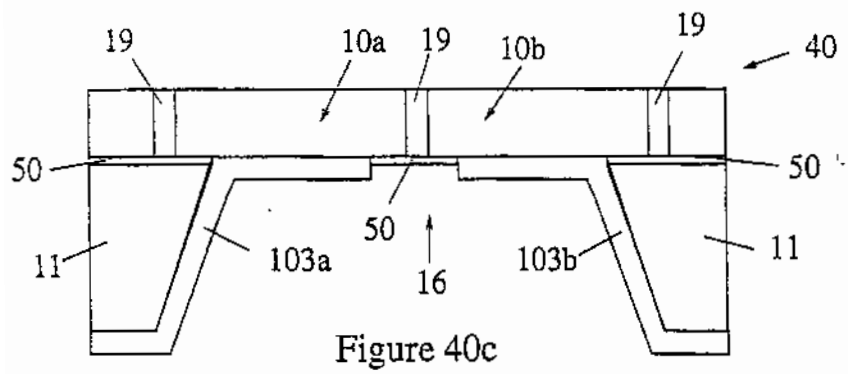


Figure 40c

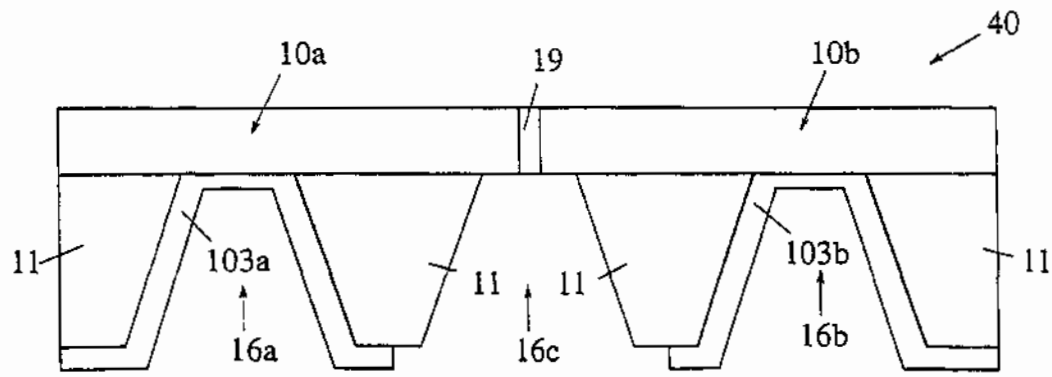


Figure 40d

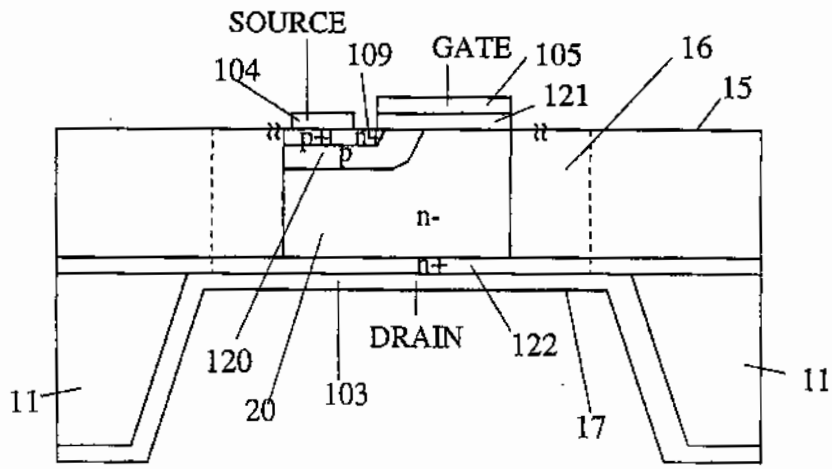


Figure 41a

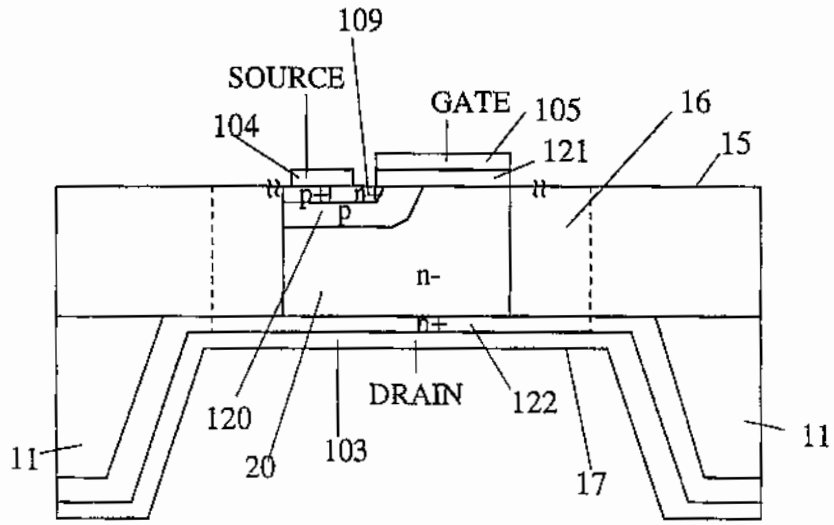


Figure 41b

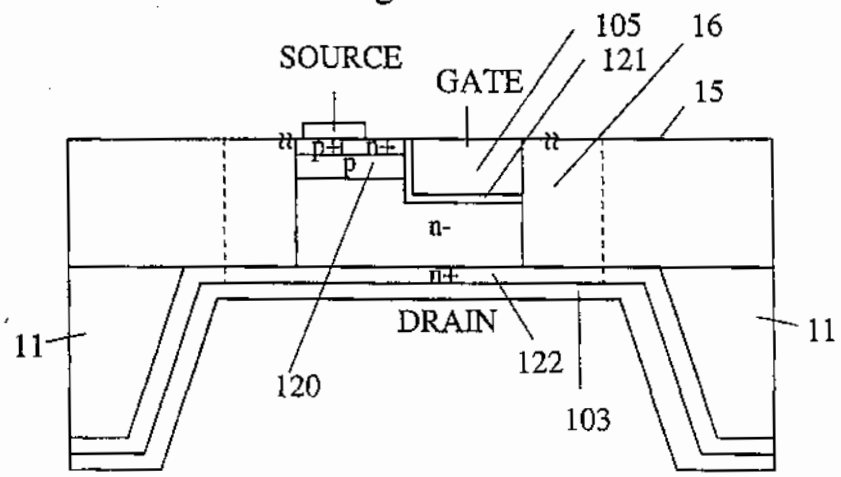


Figure 41c

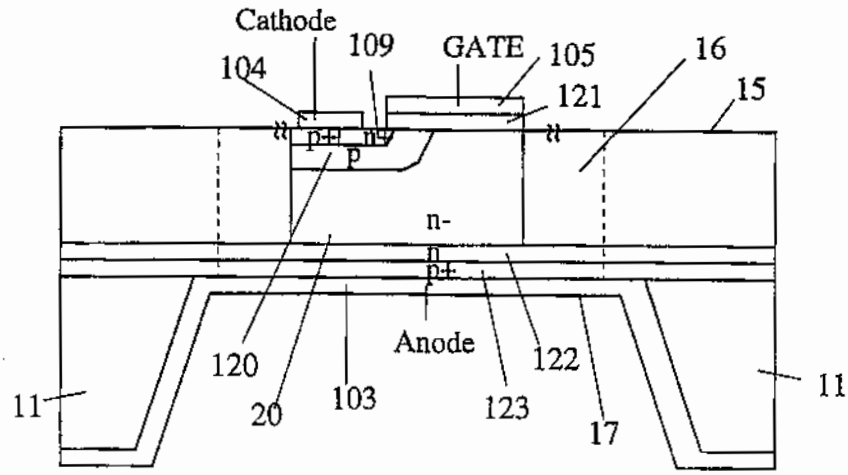


Figure 42a

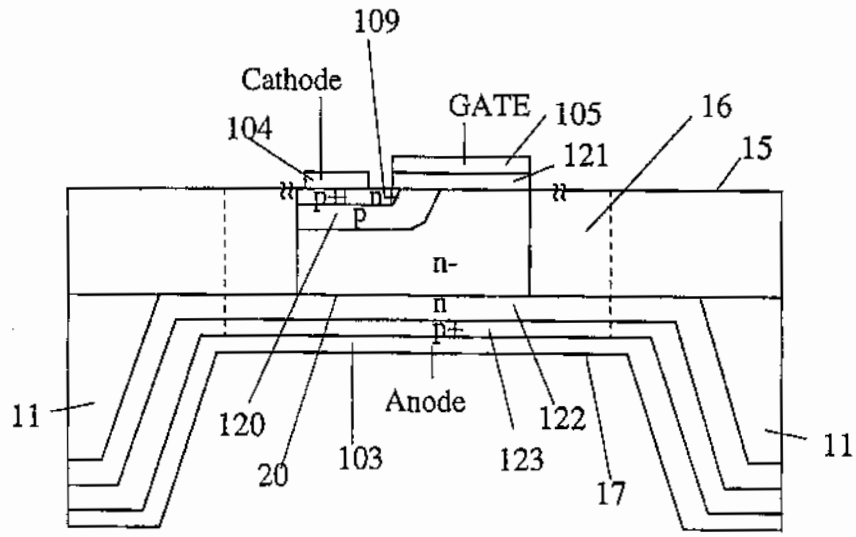


Figure 42b

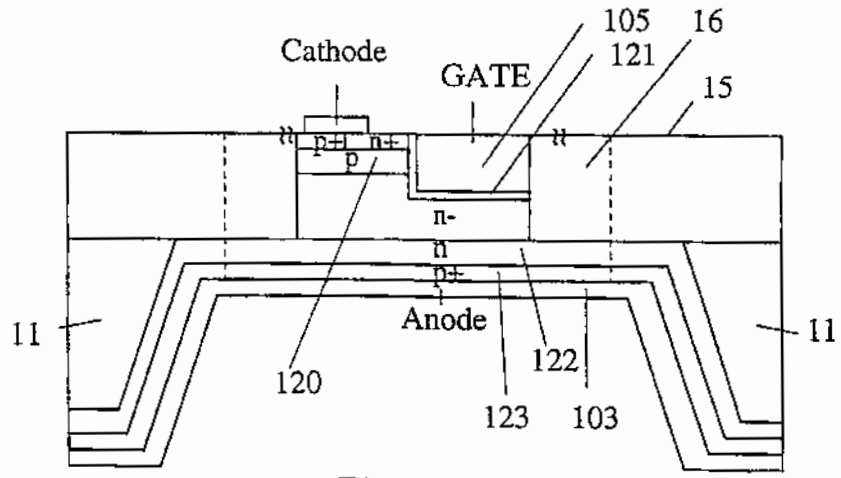


Figure 42c

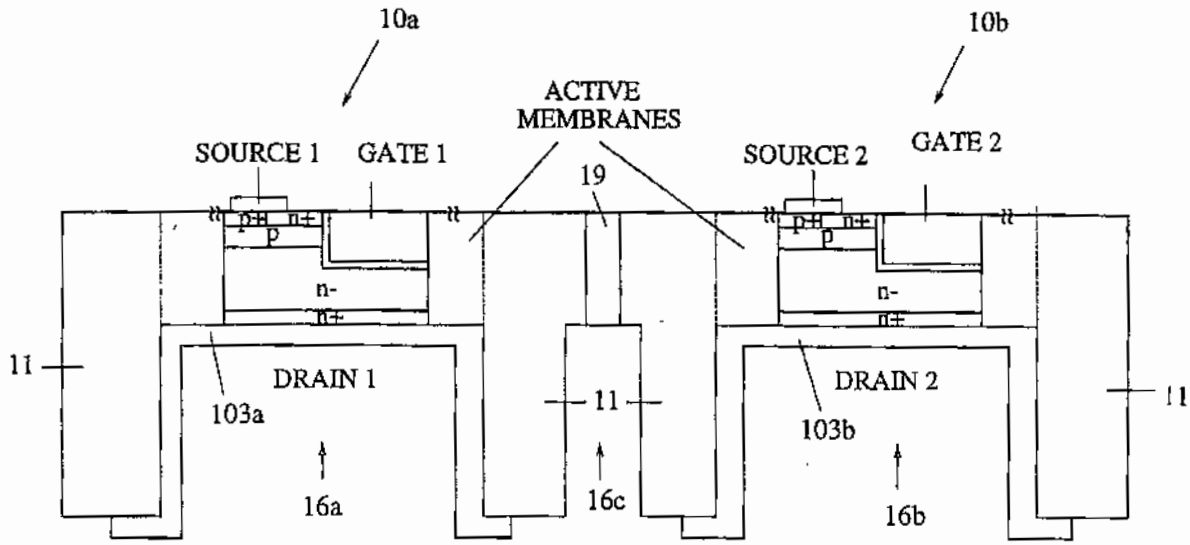


Figure 43a

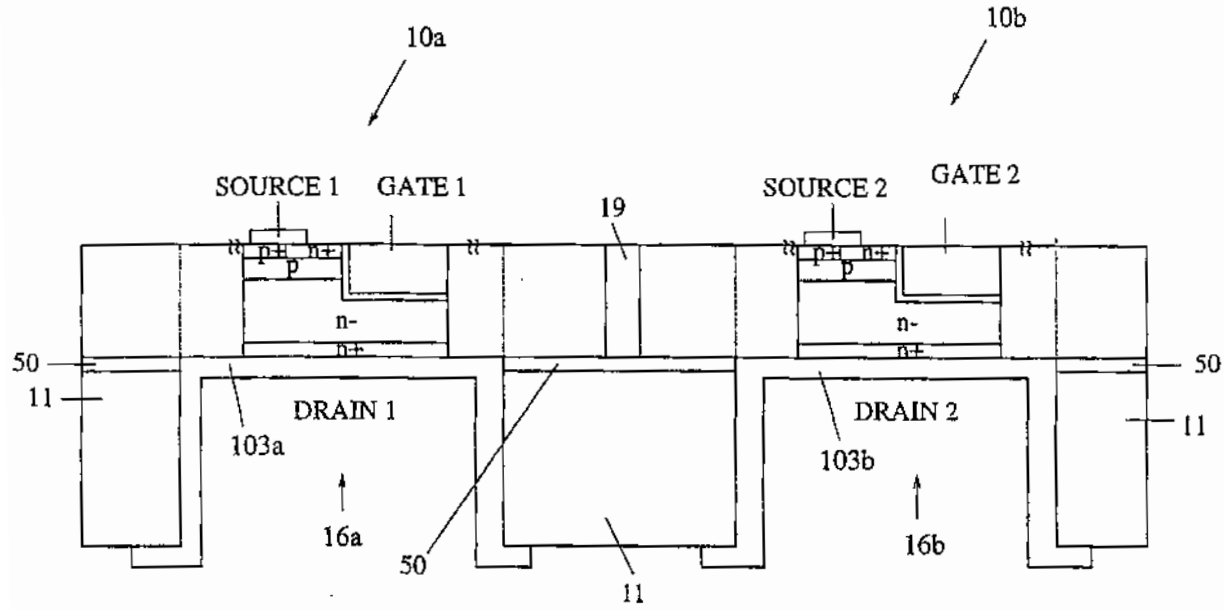


Figure 43b