

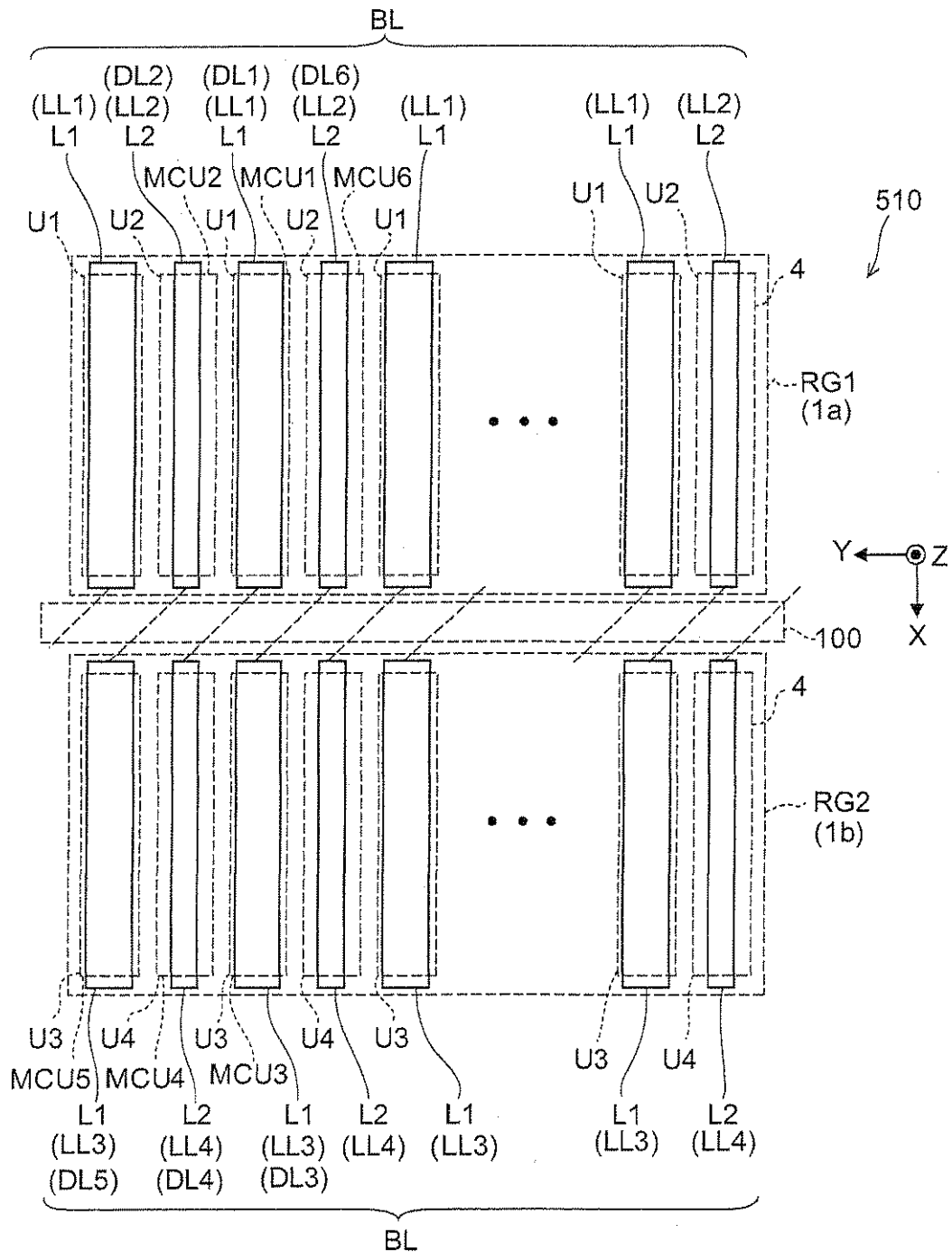


FIG. 1

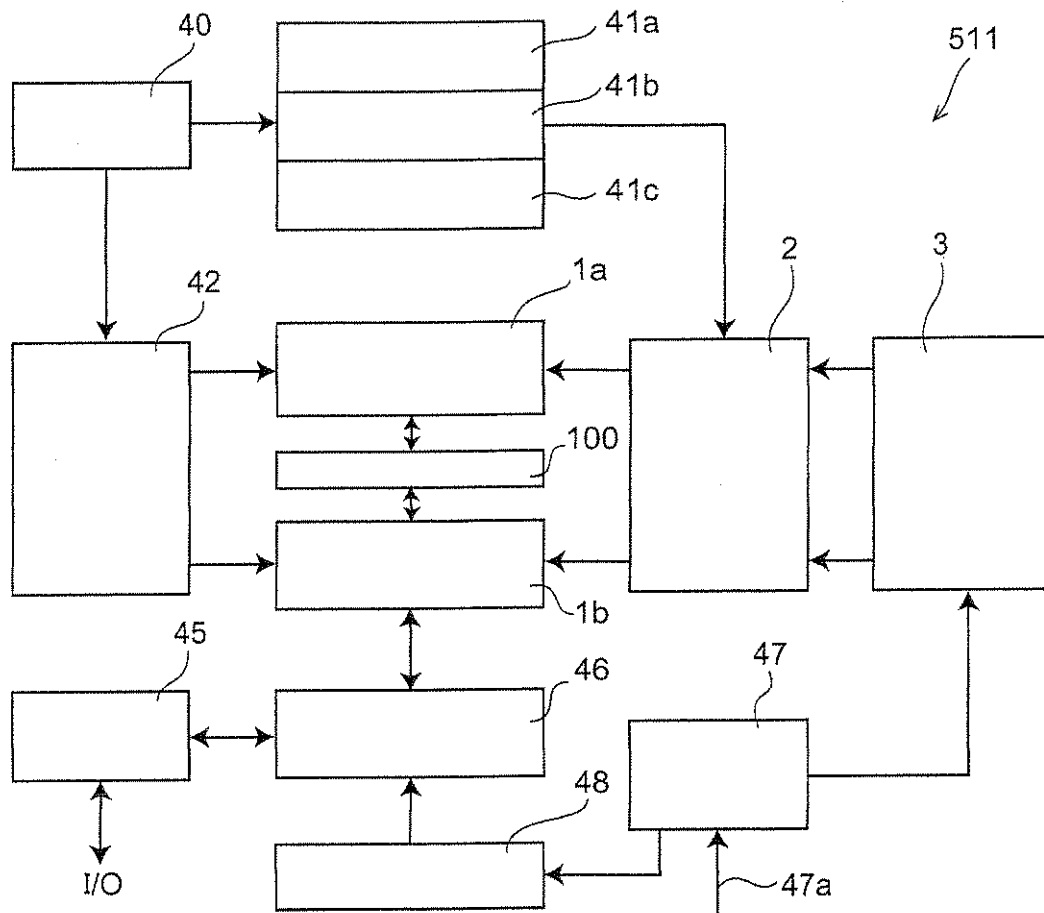


FIG. 2

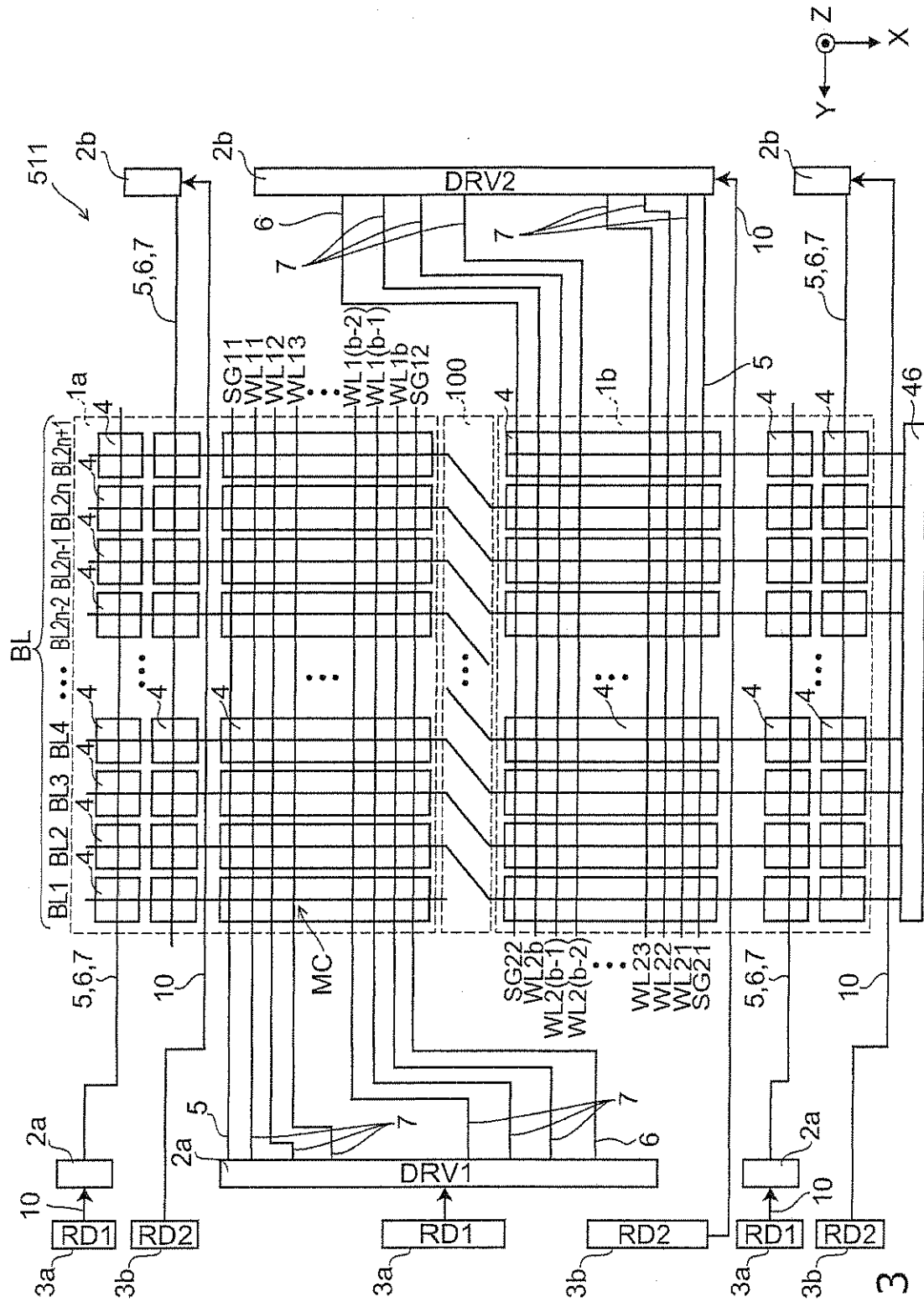
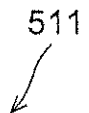


FIG. 3



MC



128s

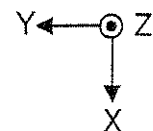


FIG. 5A

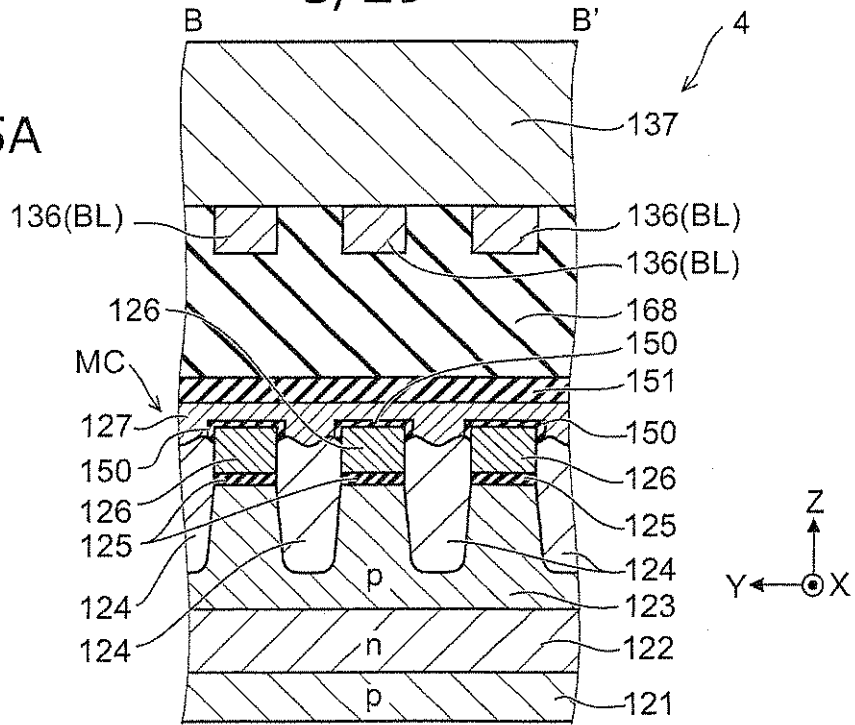
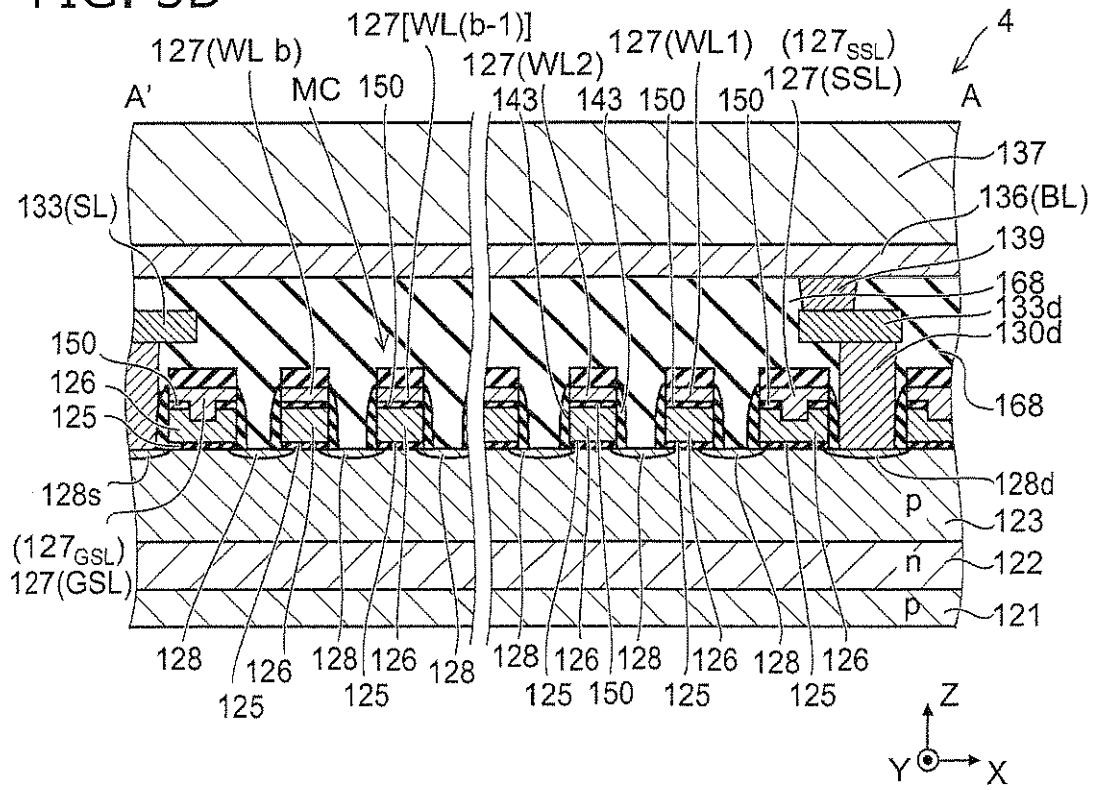


FIG. 5B



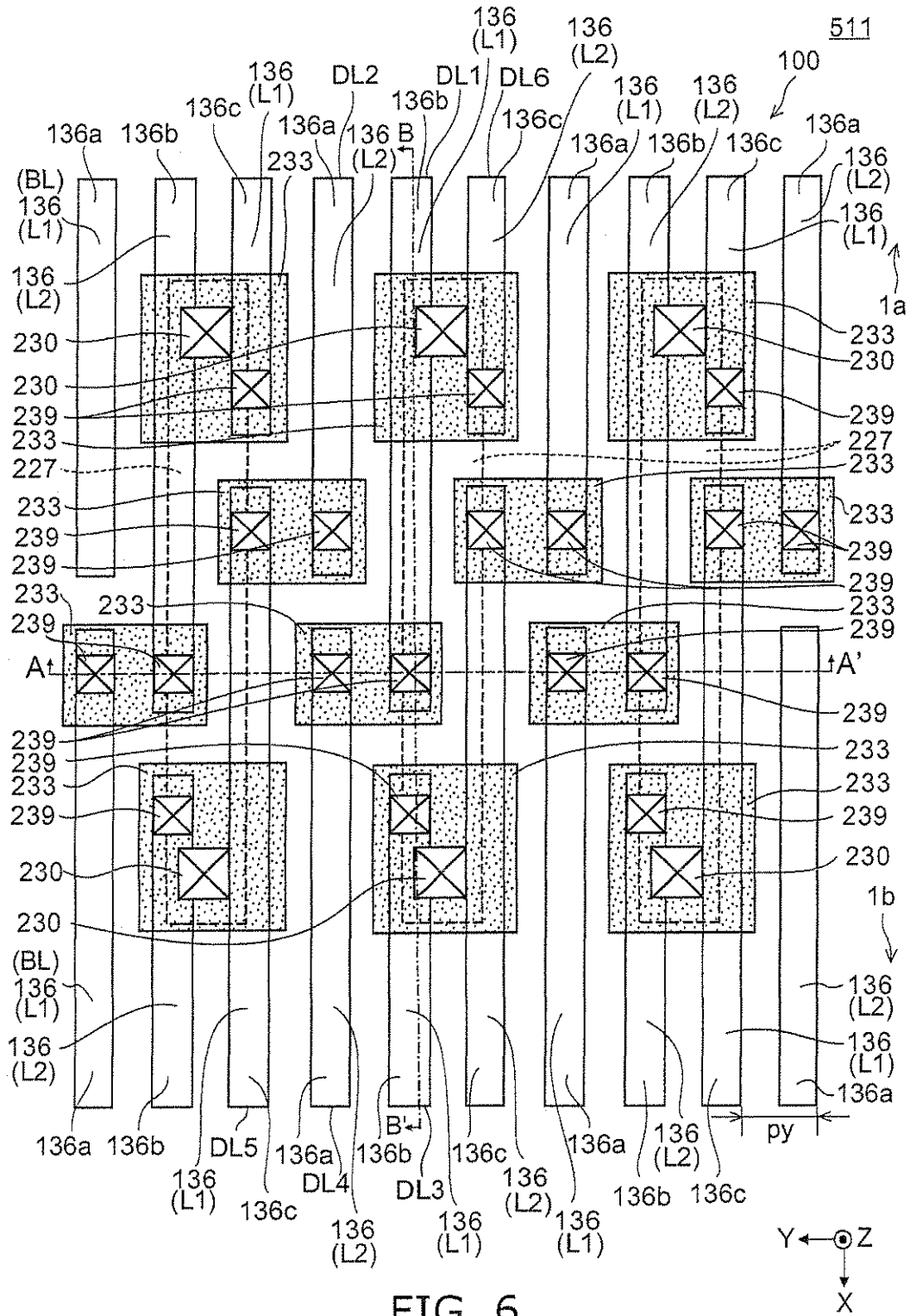


FIG. 6

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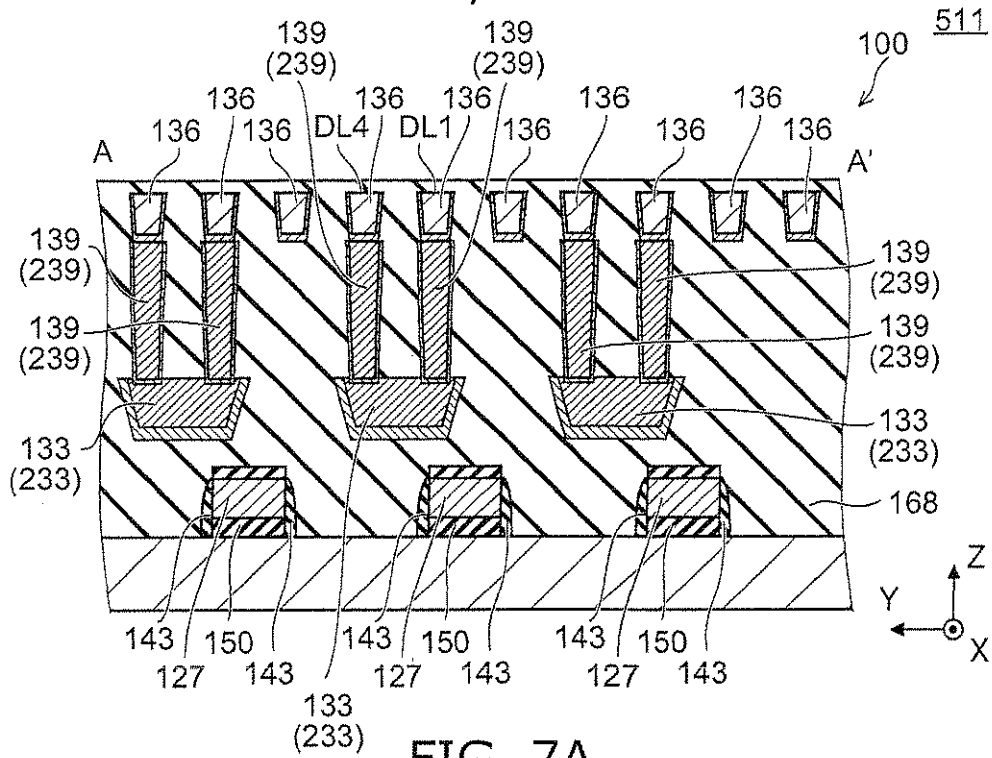


FIG. 7A

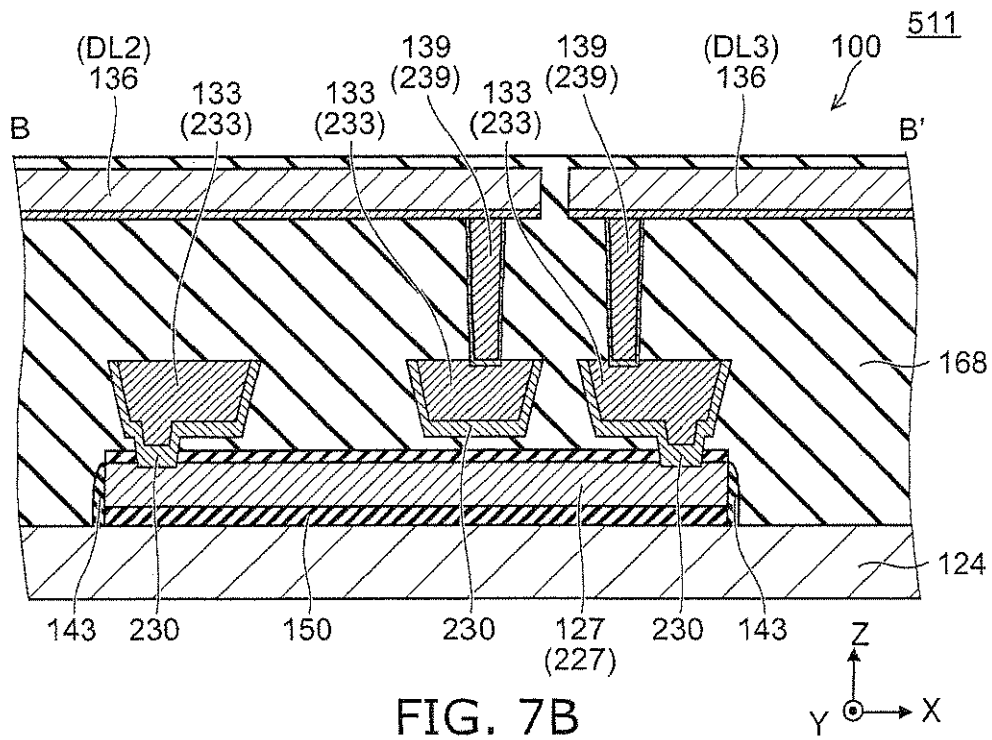


FIG. 7B

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FIG. 8A

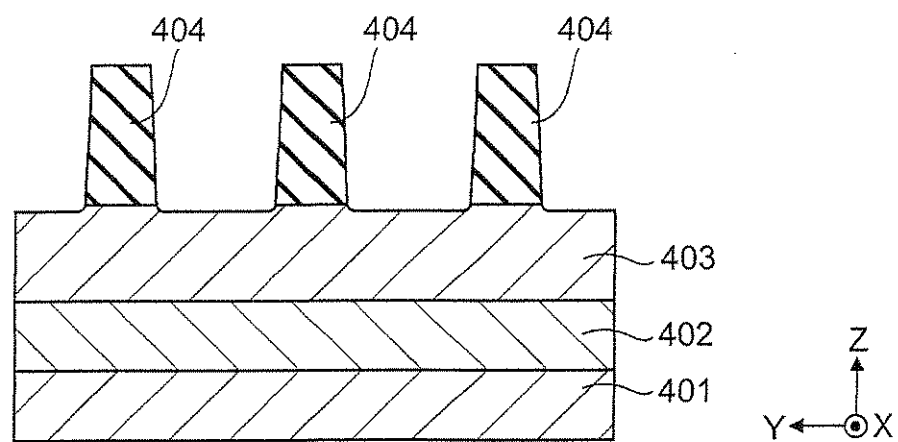


FIG. 8B

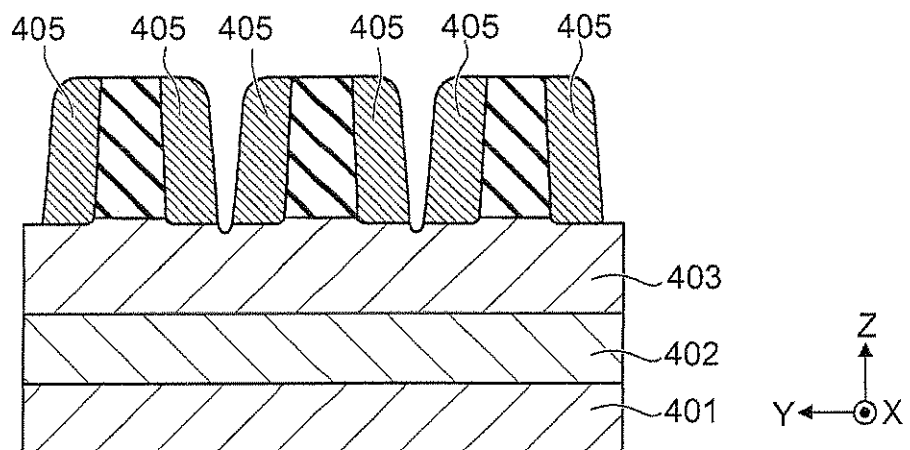


FIG. 8C

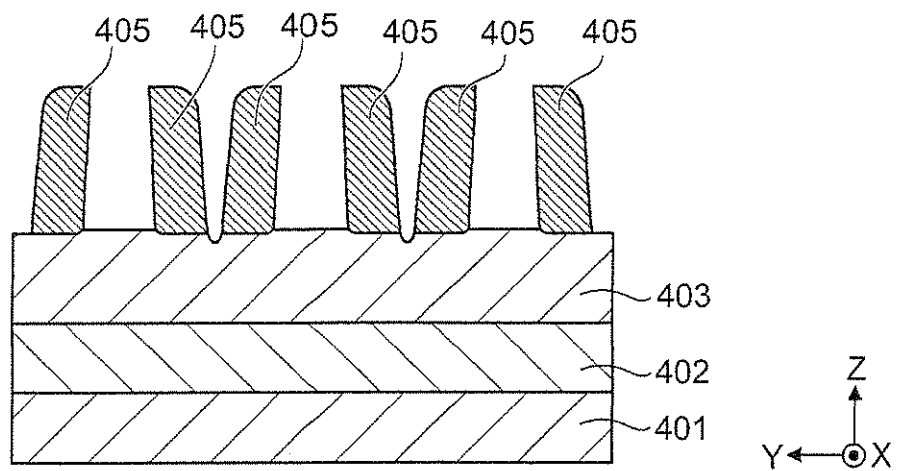


FIG. 9A

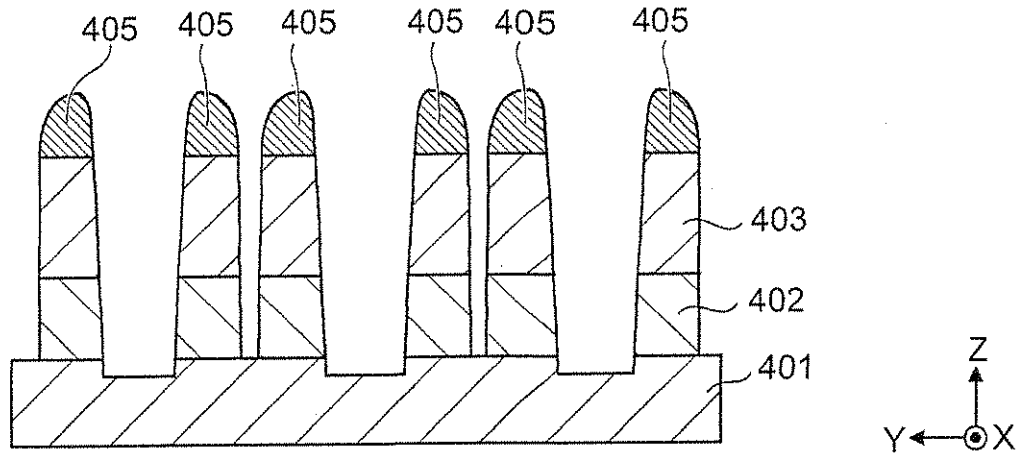


FIG. 9B

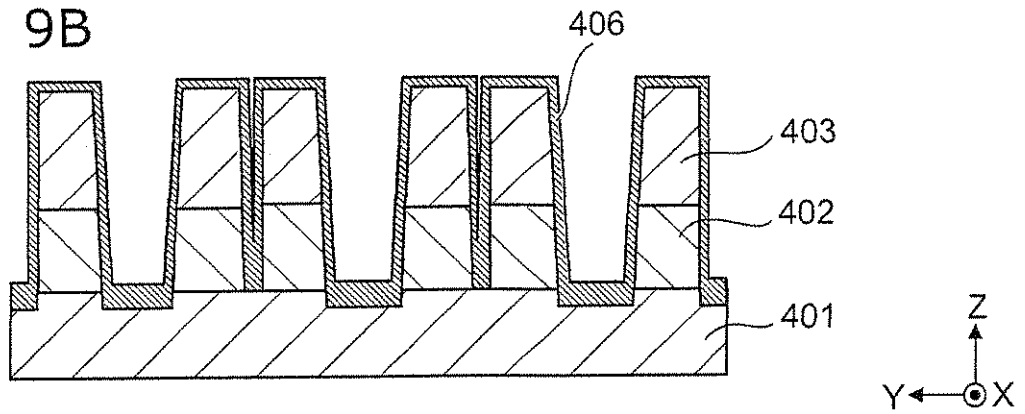
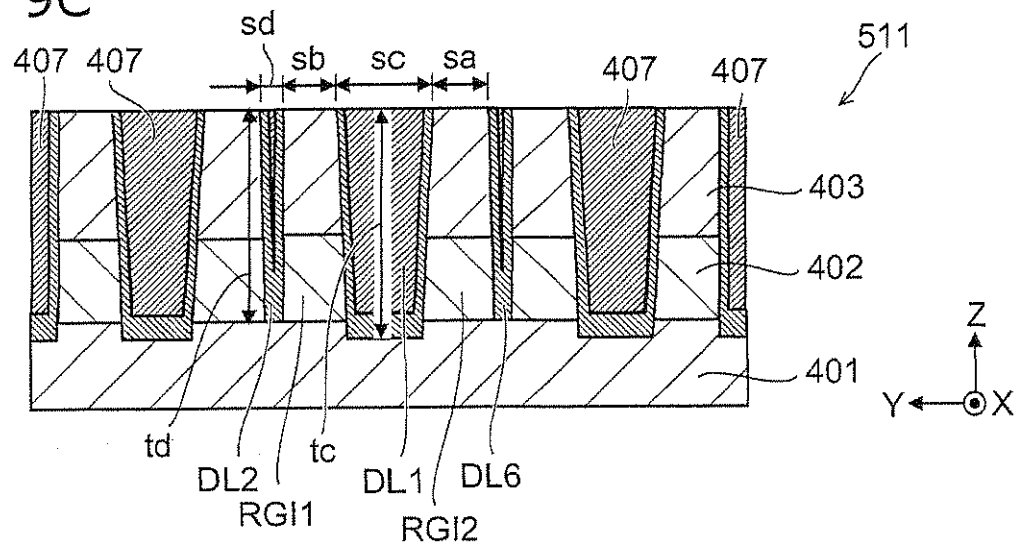


FIG. 9C



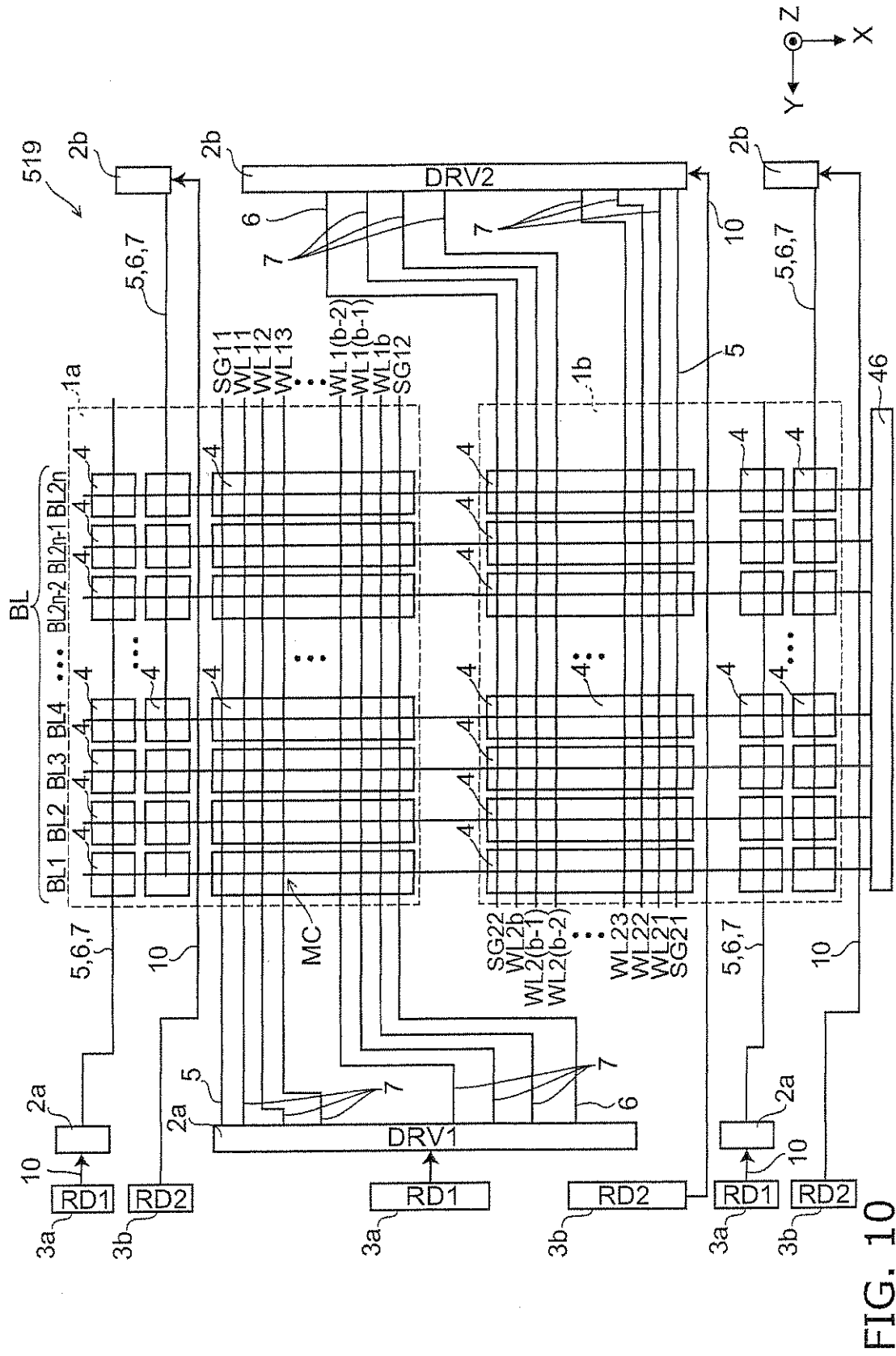


FIG. 10



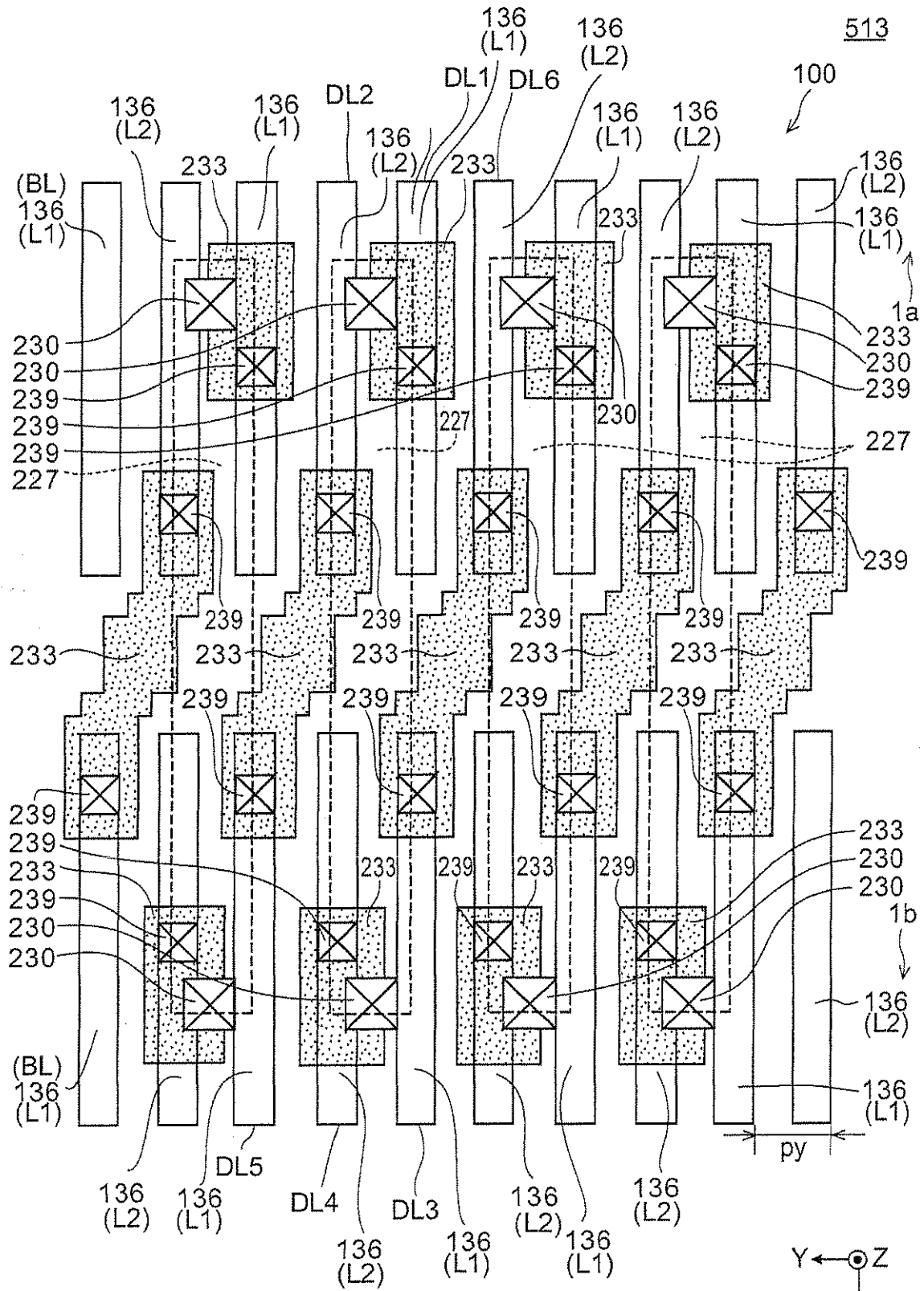


FIG. 12

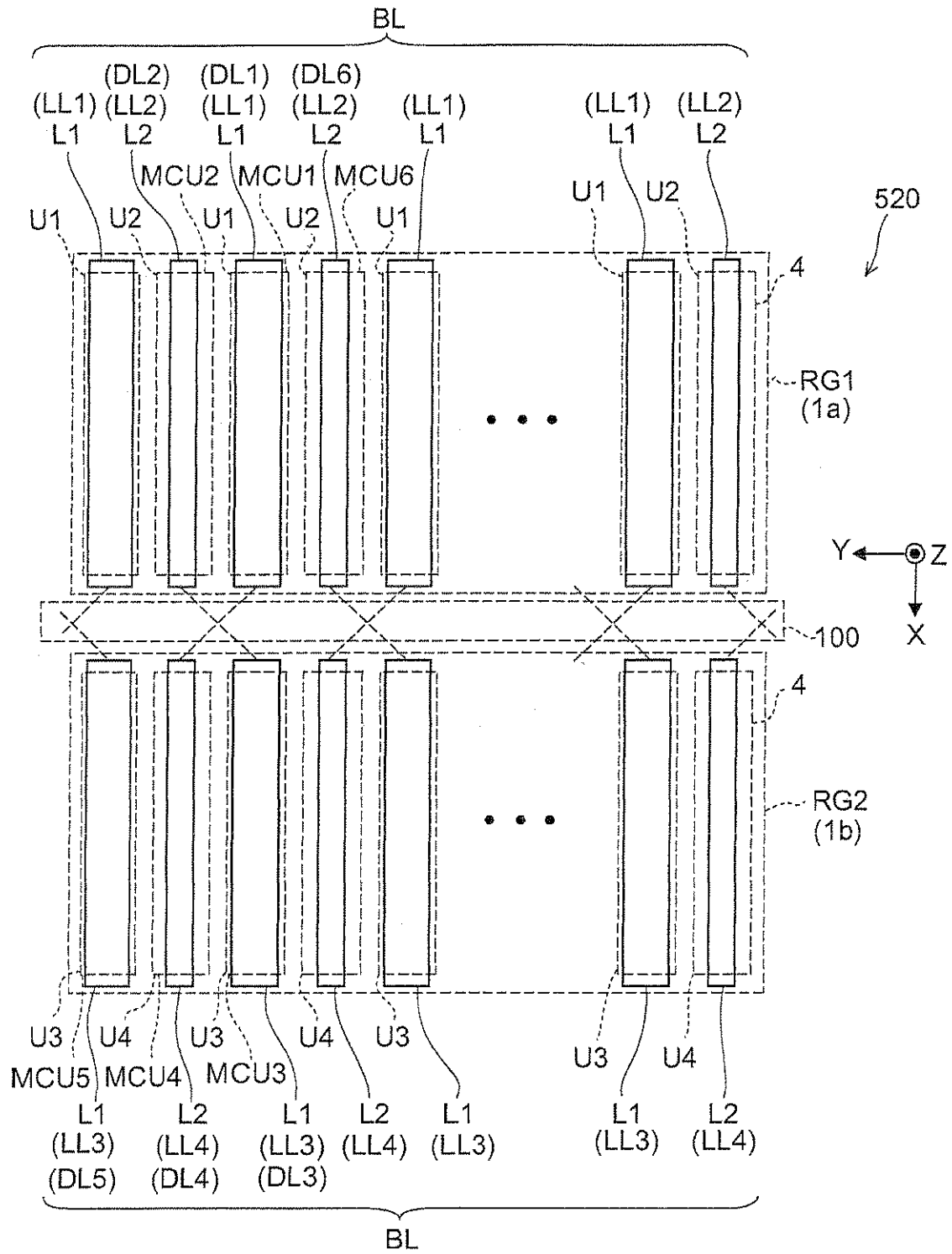
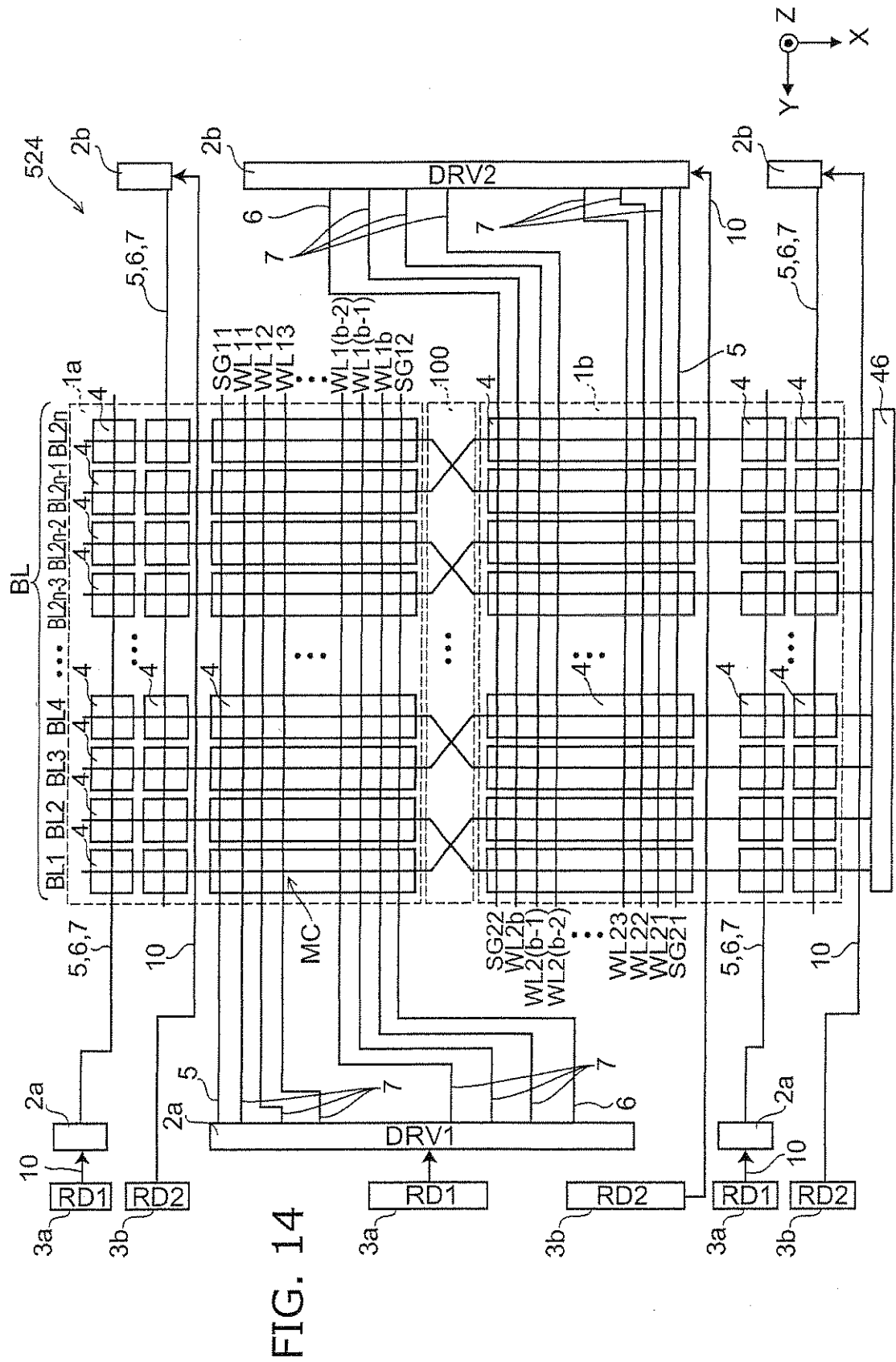


FIG. 13



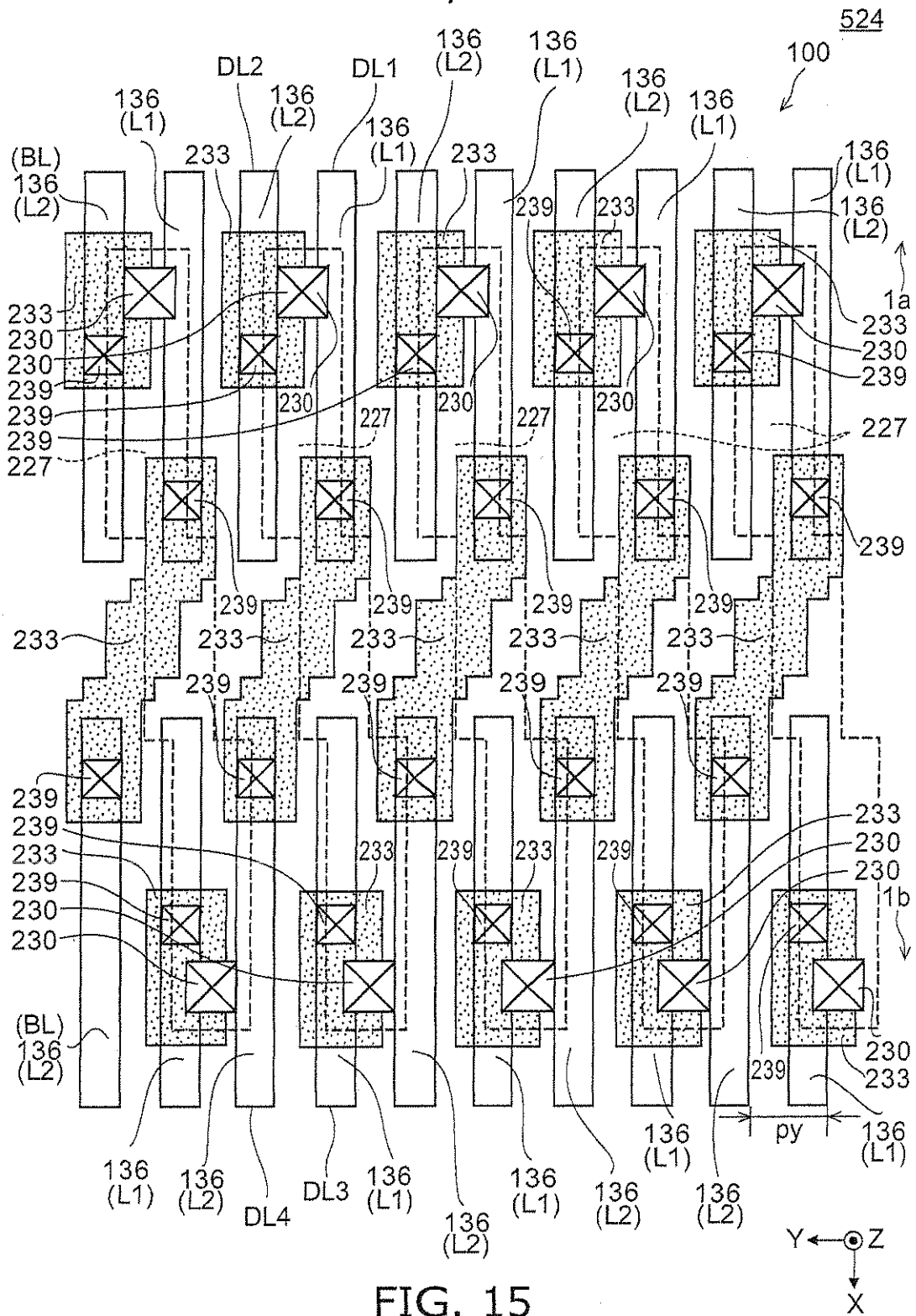


FIG. 15

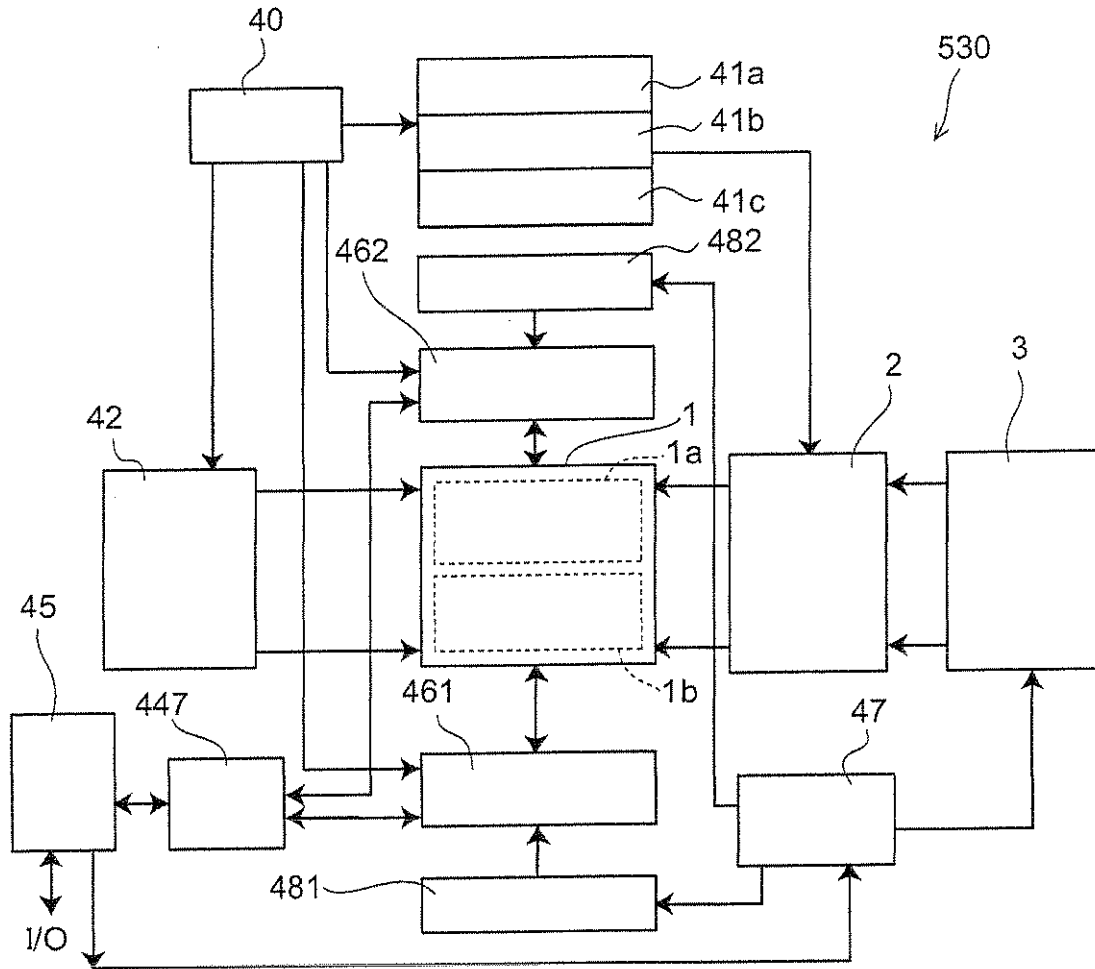
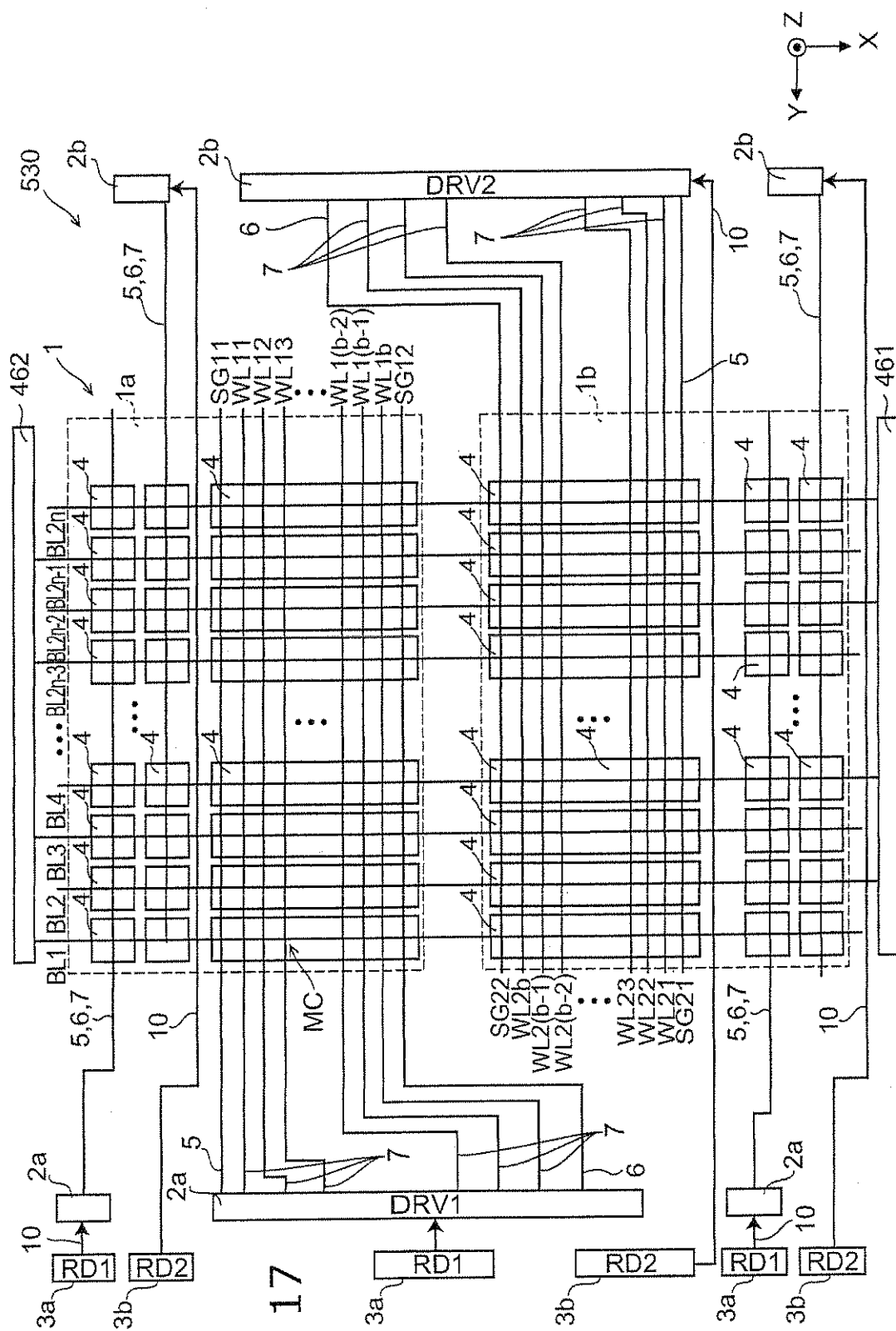


FIG. 16



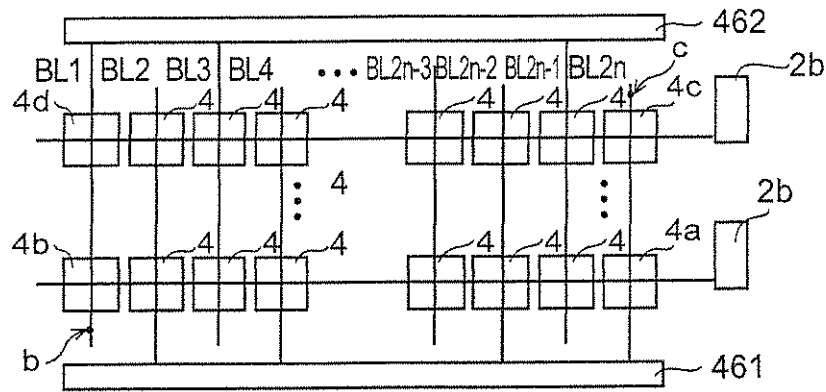


FIG. 18A

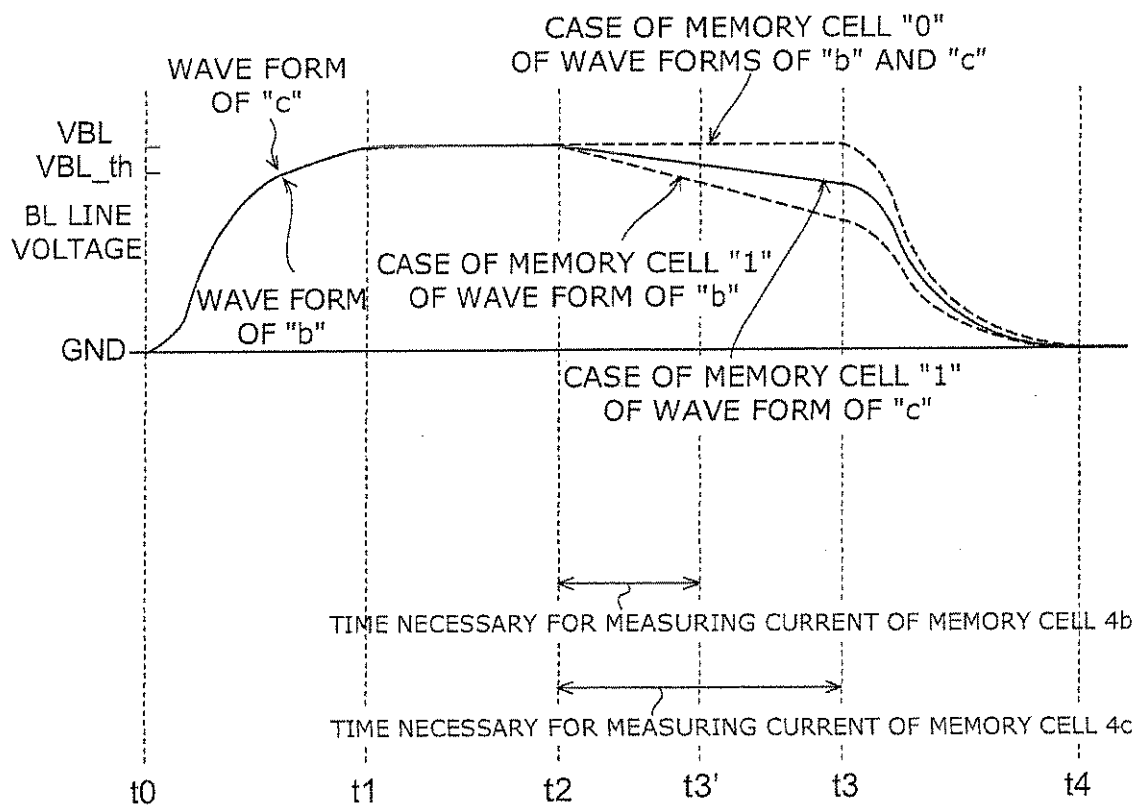


FIG. 18B

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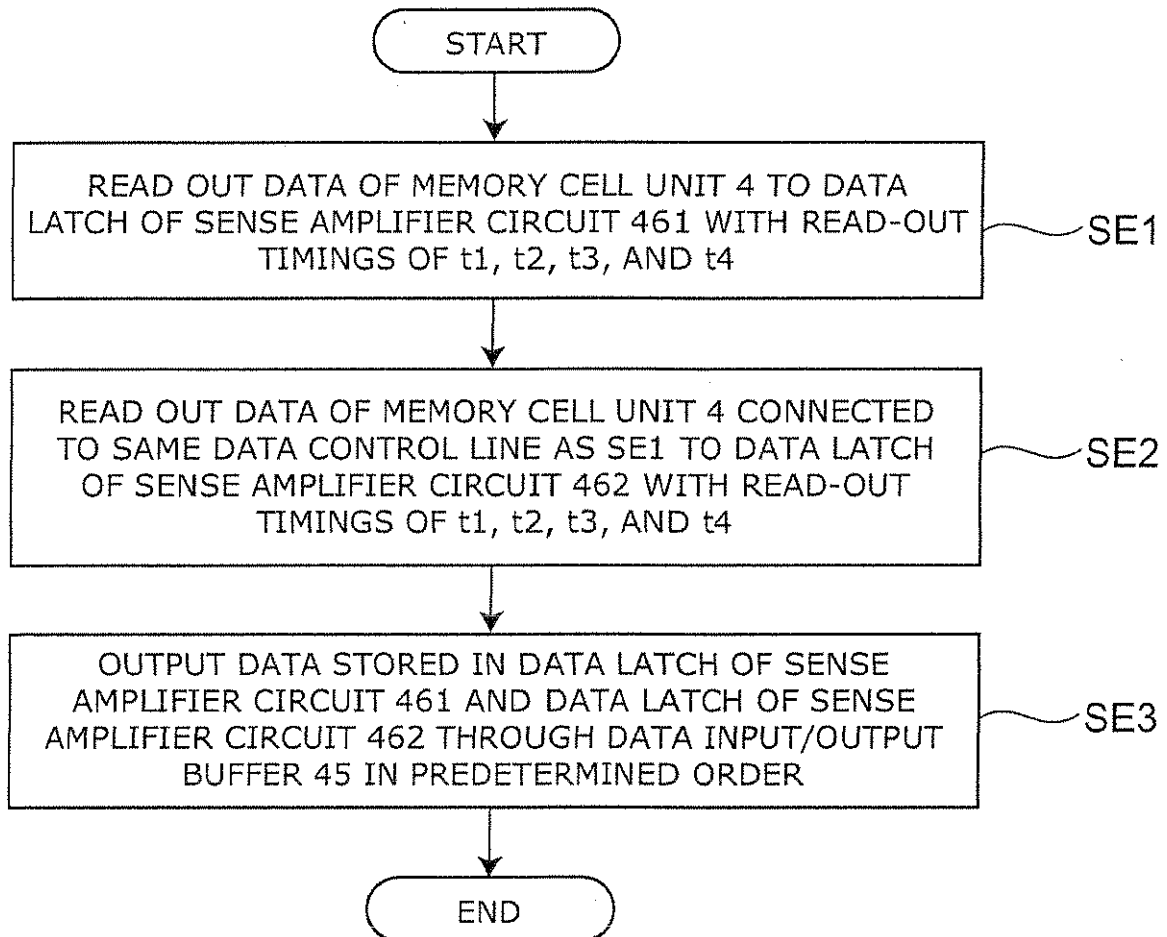


FIG. 19

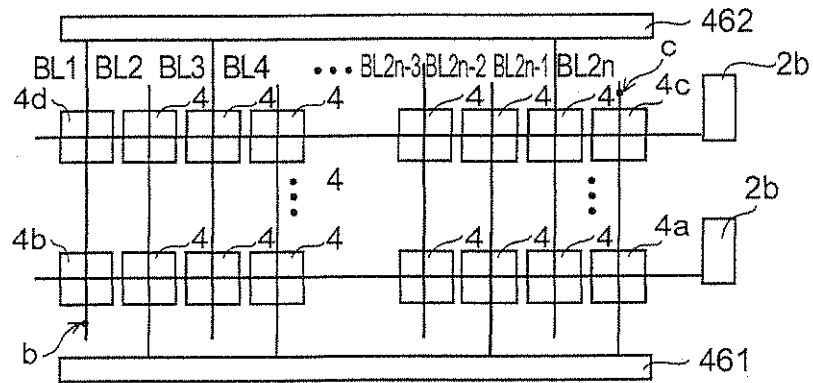


FIG. 20A

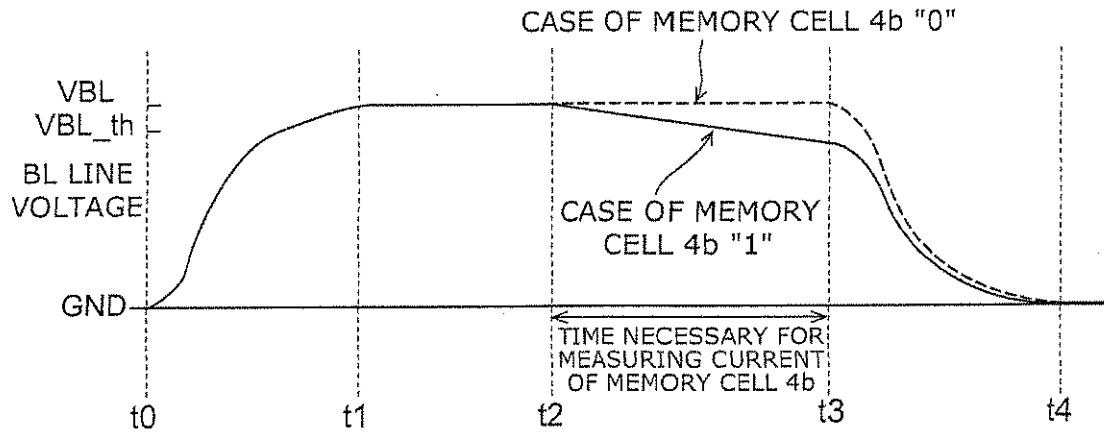


FIG. 20B

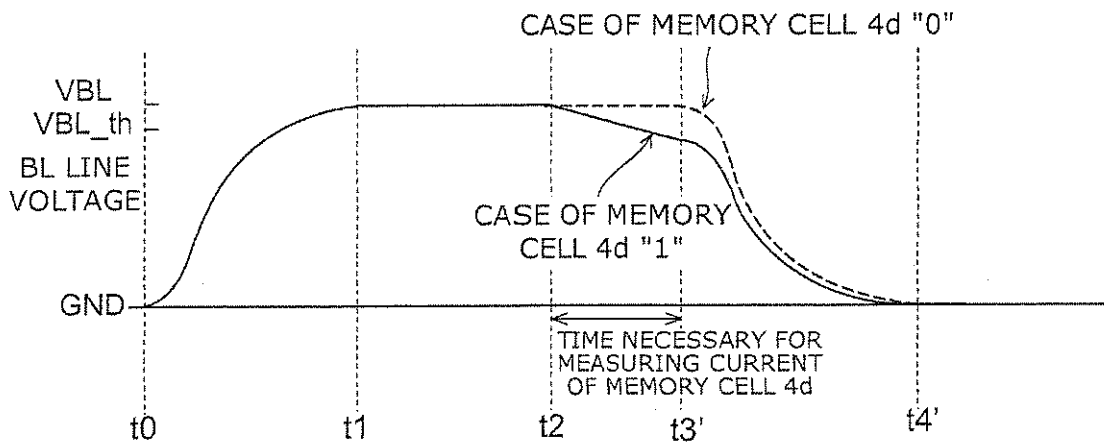


FIG. 20C

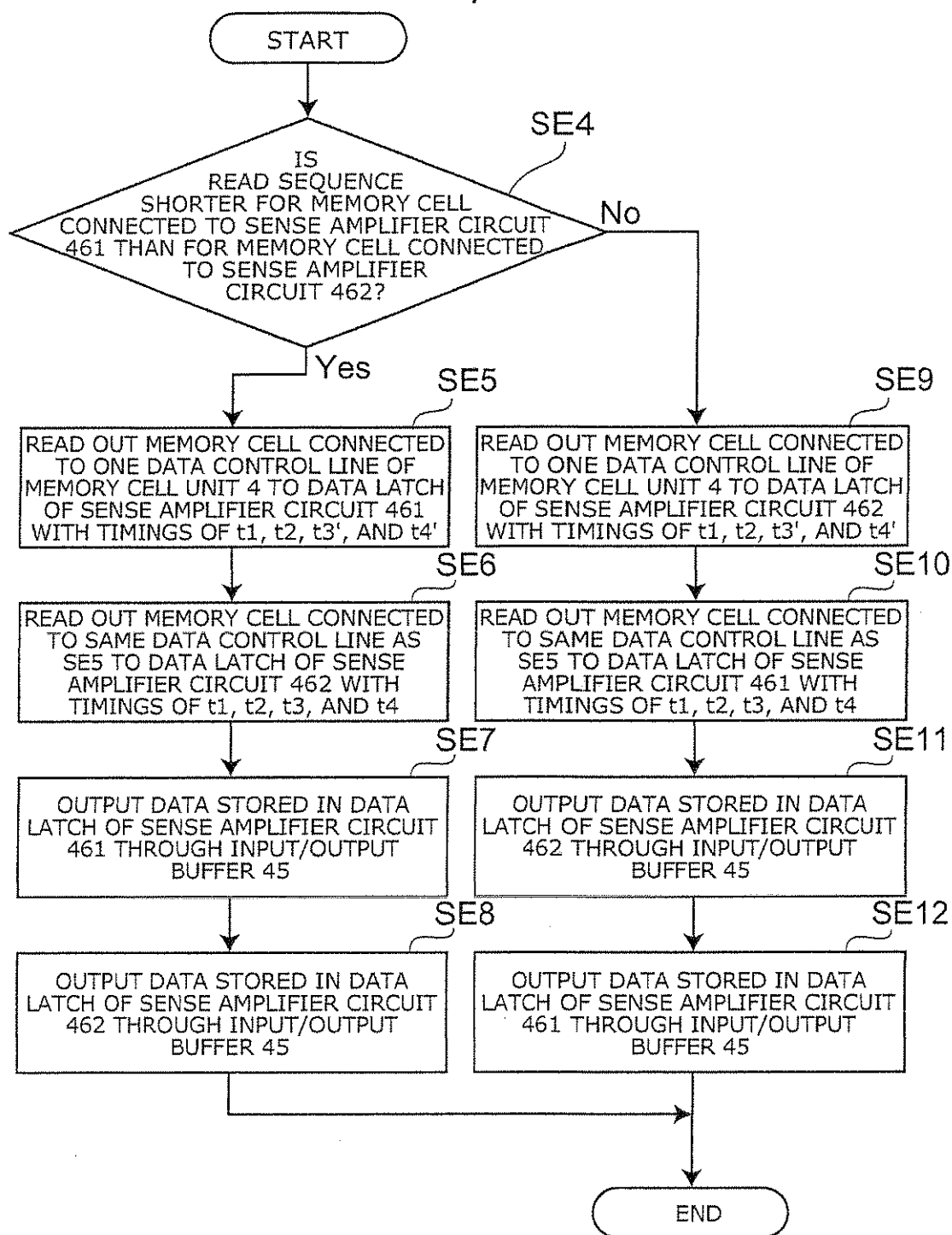


FIG. 21

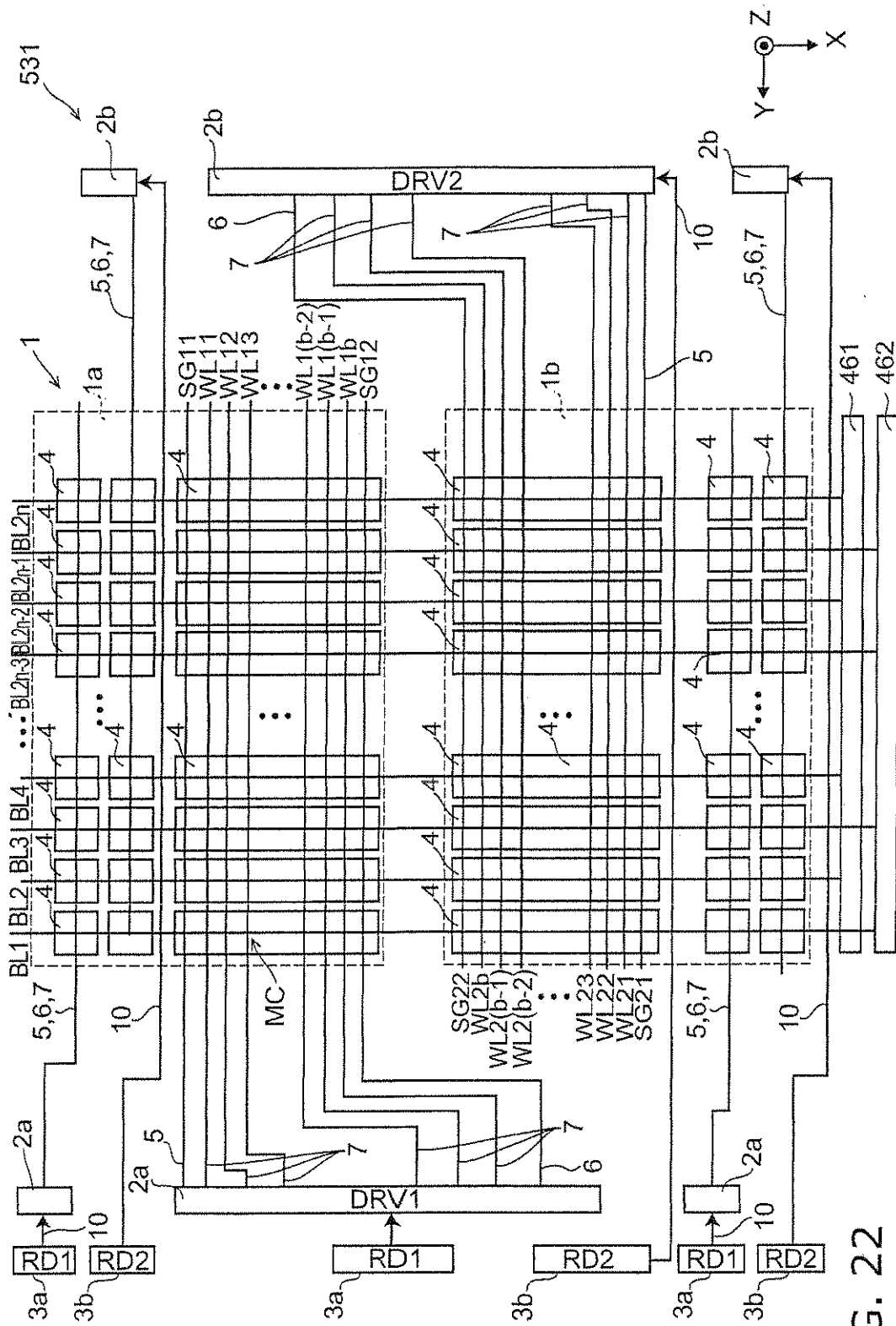


FIG. 22

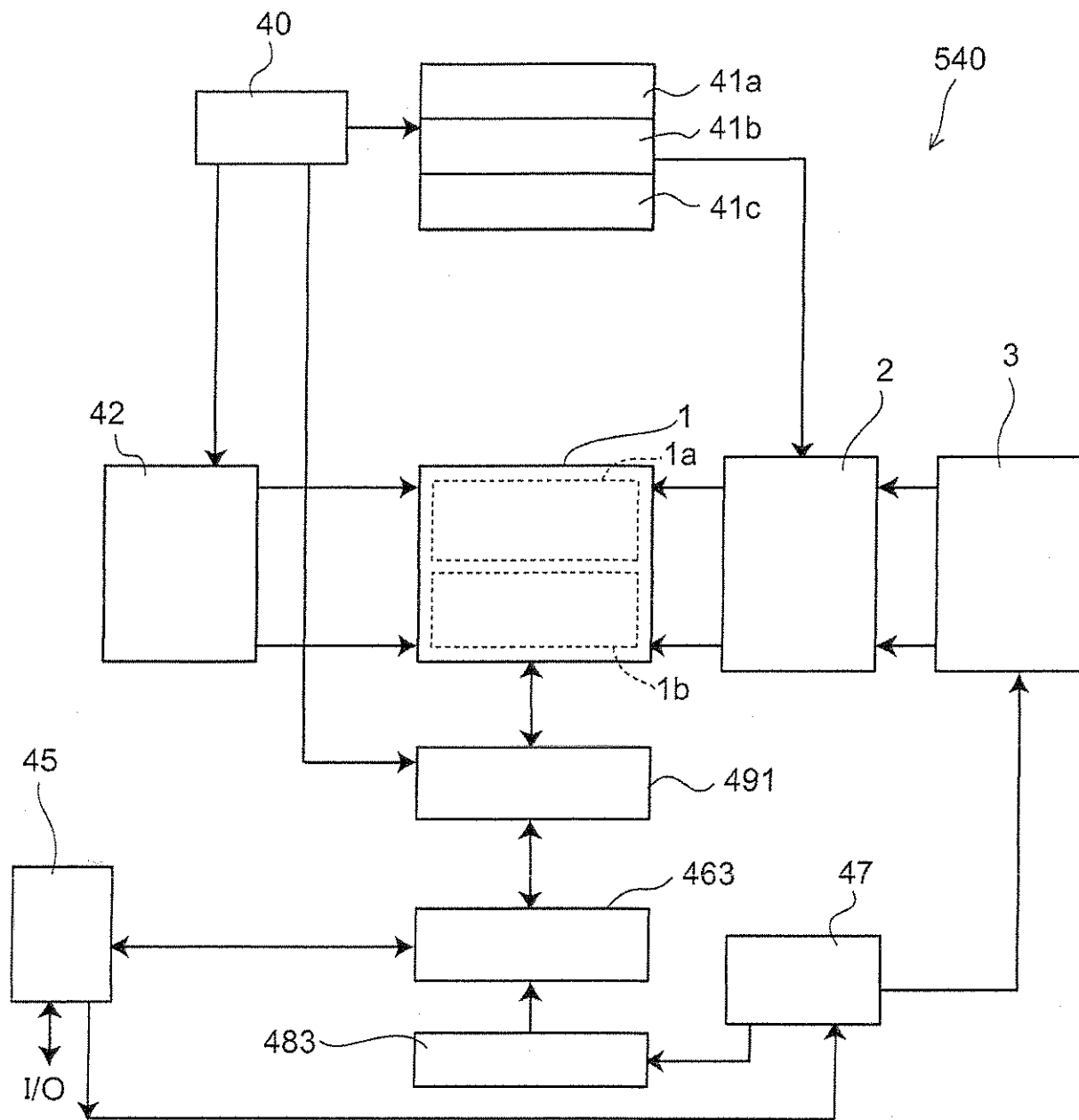


FIG. 23

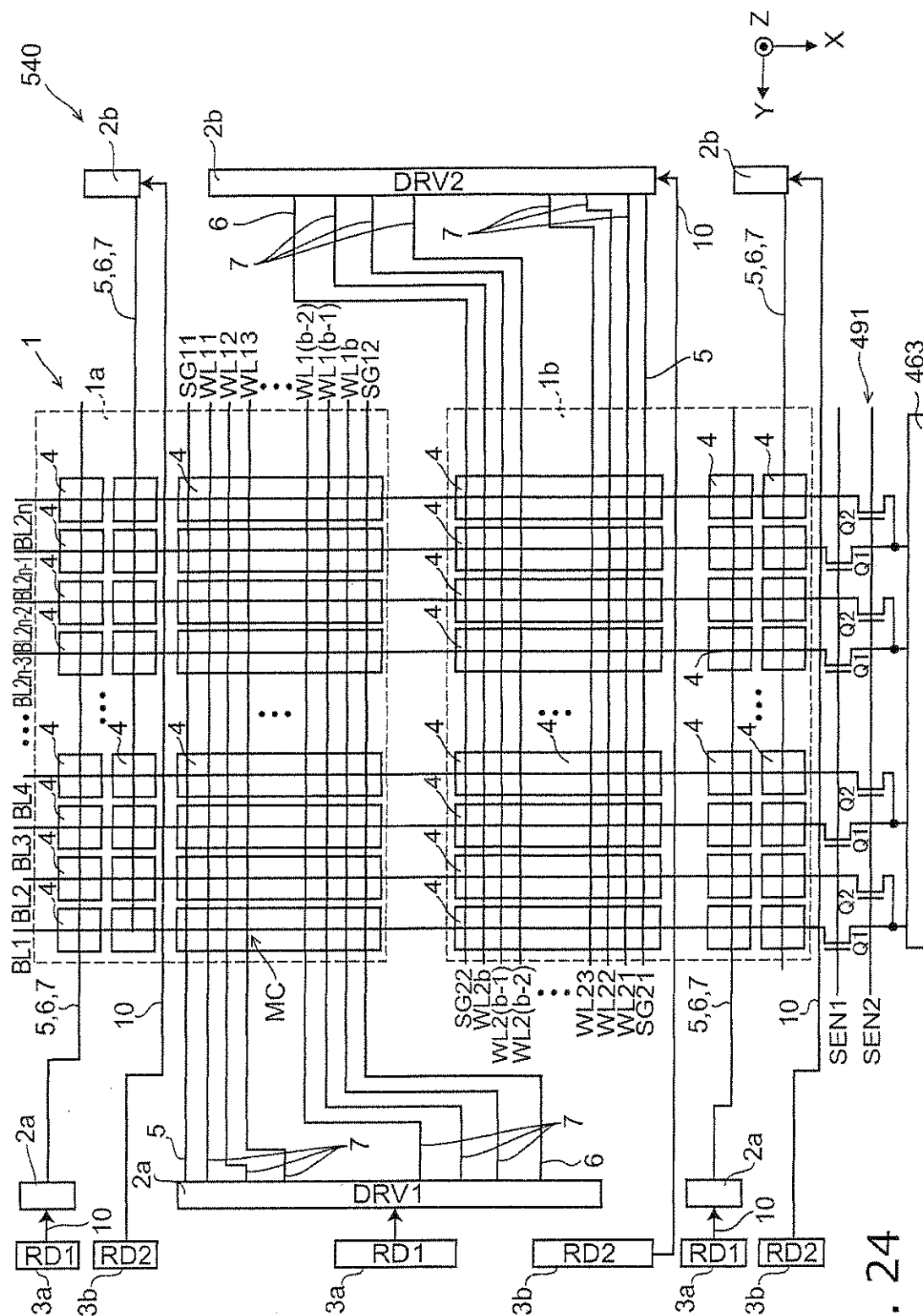


FIG. 24.

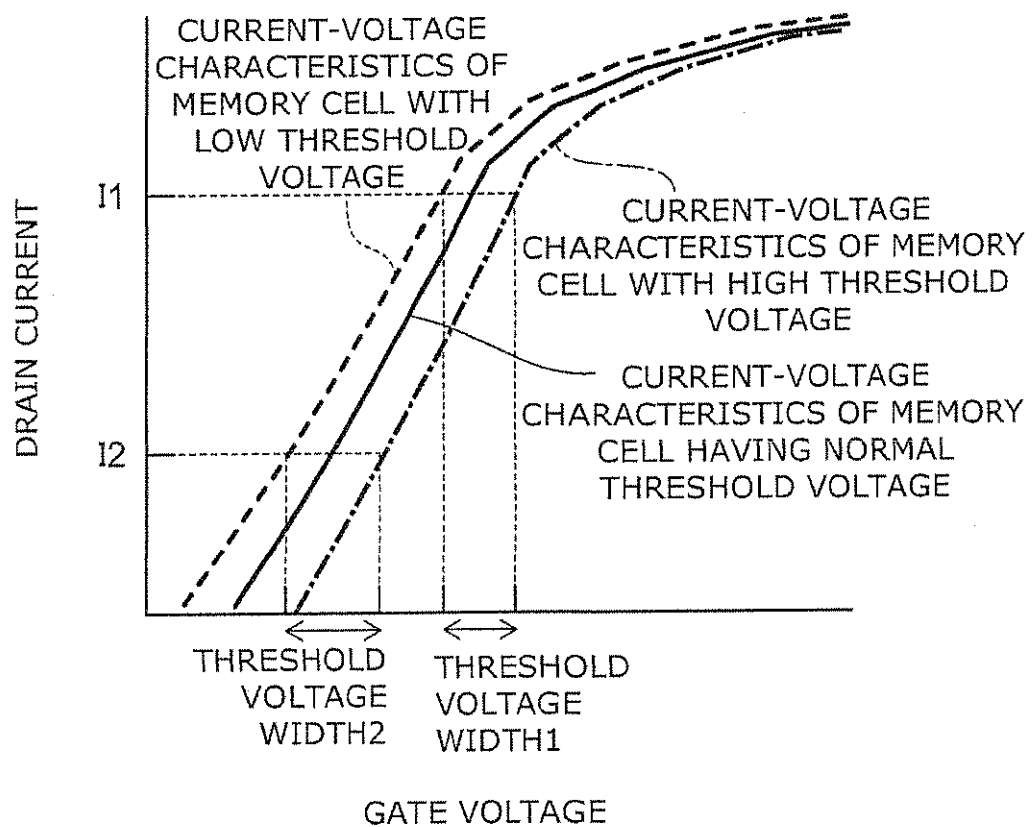


FIG. 25

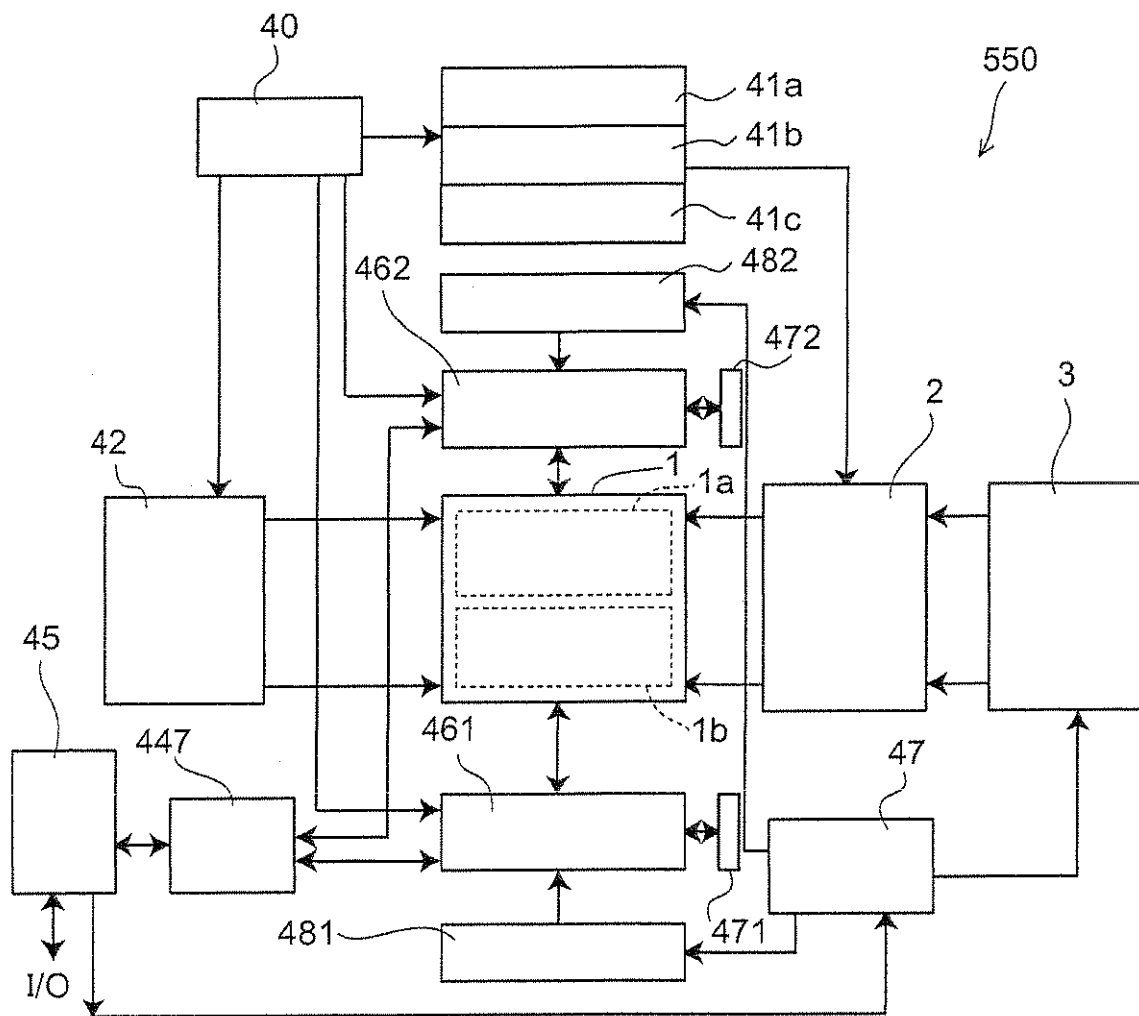


FIG. 26

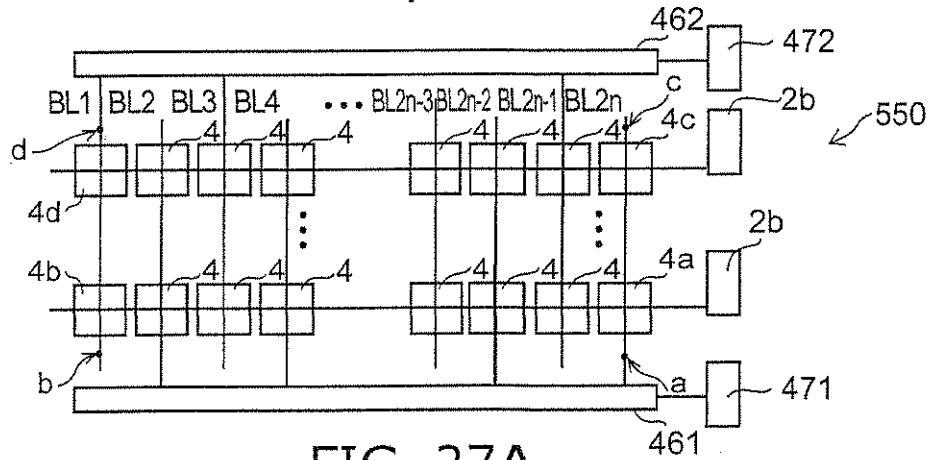


FIG. 27A

FIG. 27B

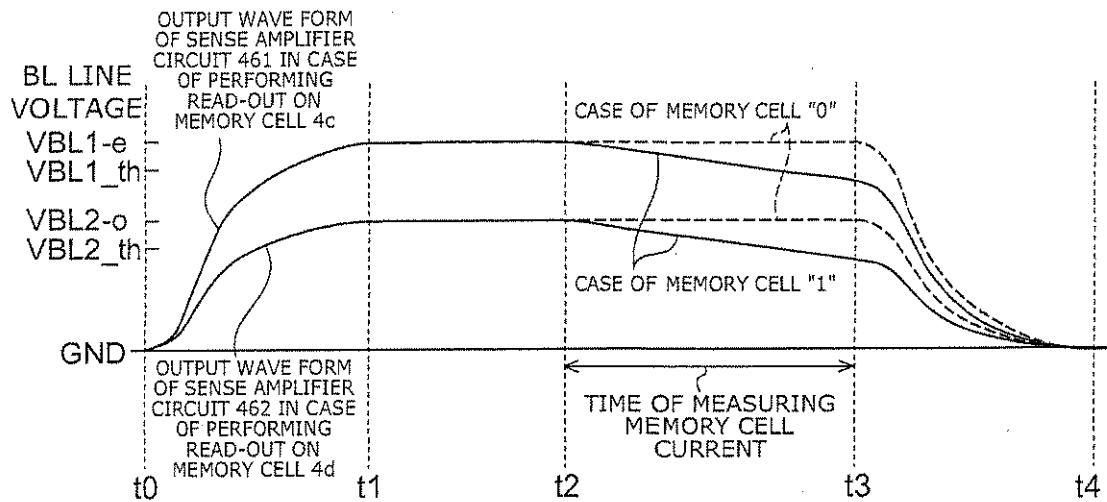
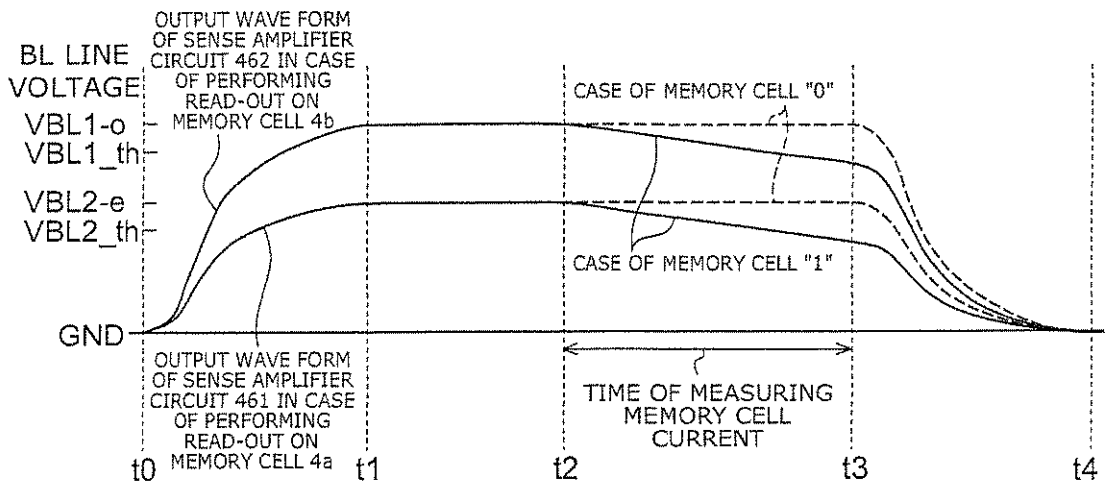


FIG. 27C



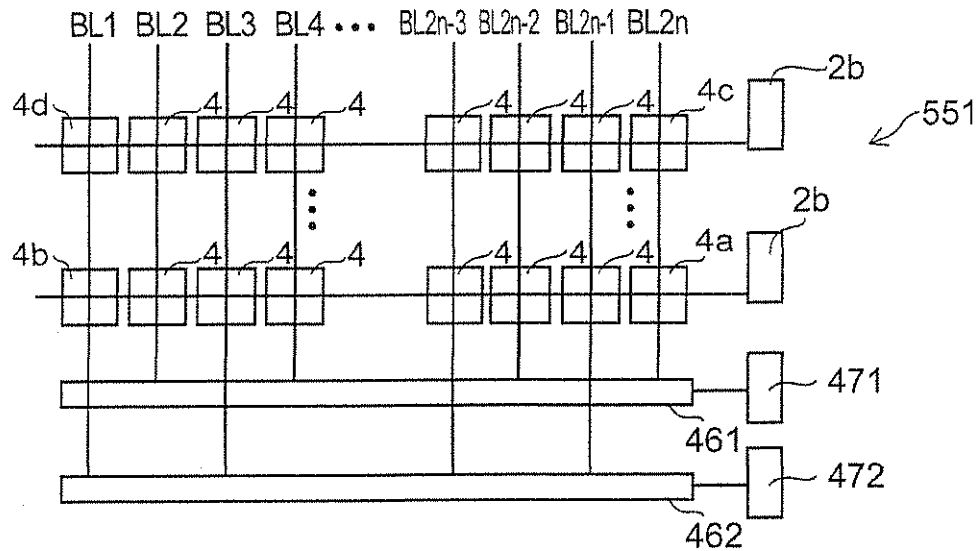


FIG. 28A

OUTPUT WAVE FORM OF SENSE AMPLIFIER CIRCUIT 461
IN CASE OF PERFORMING READ-OUT ON MEMORY CELL 4c
OUTPUT WAVE FORM OF SENSE AMPLIFIER CIRCUIT 462
IN CASE OF PERFORMING READ-OUT ON MEMORY CELL 4d

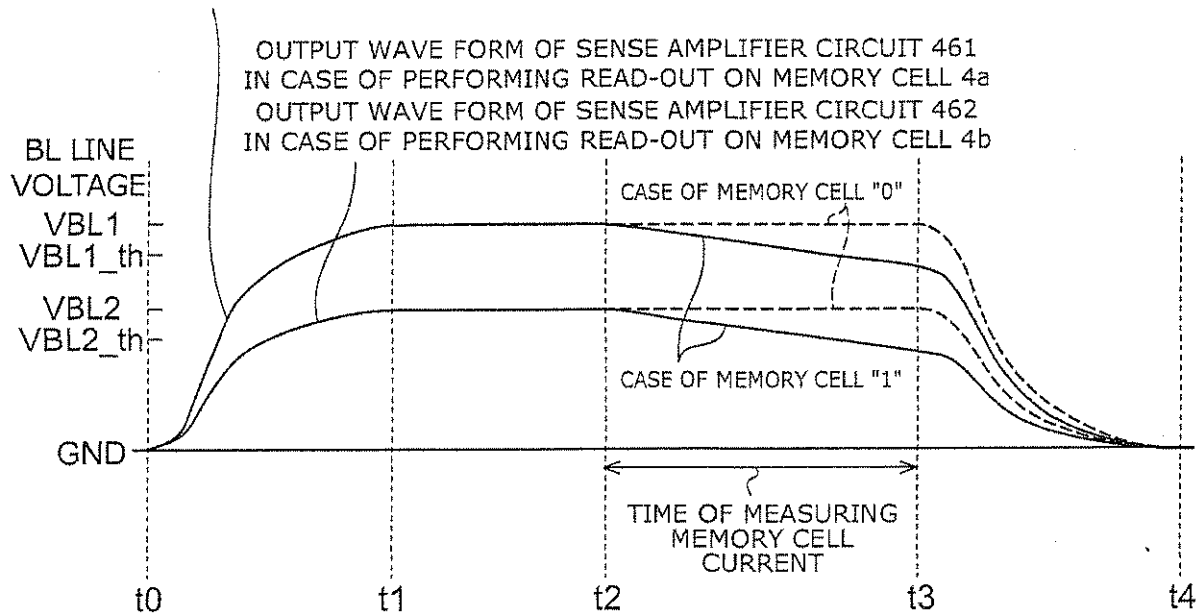


FIG. 28B

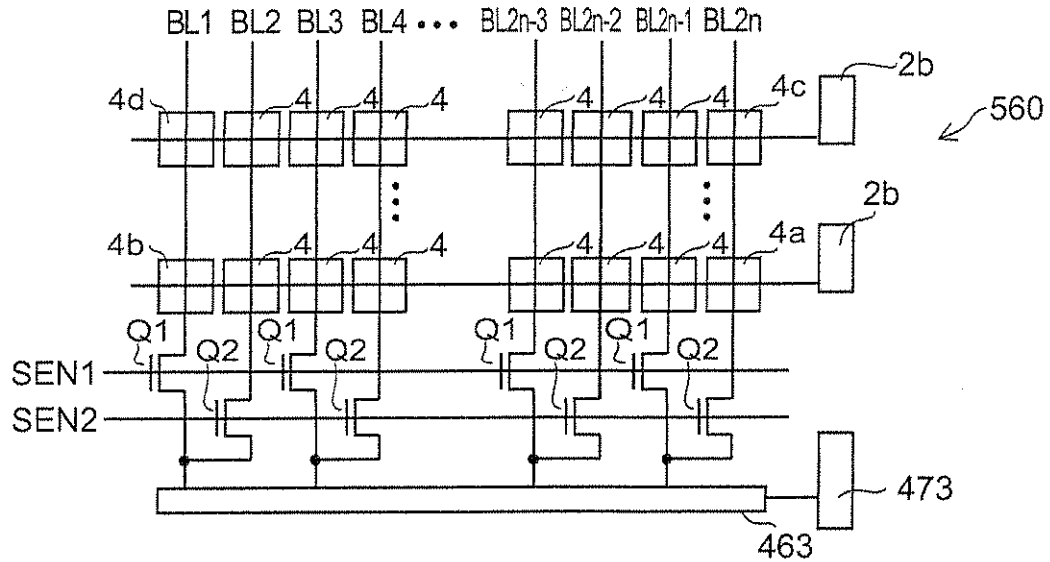


FIG. 29A

OUTPUT WAVE FORM OF SENSE AMPLIFIER CIRCUIT 463
IN CASE OF PERFORMING READ-OUT ON MEMORY CELL 4c
OUTPUT WAVE FORM OF SENSE AMPLIFIER CIRCUIT 463
IN CASE OF PERFORMING READ-OUT ON MEMORY CELL 4d

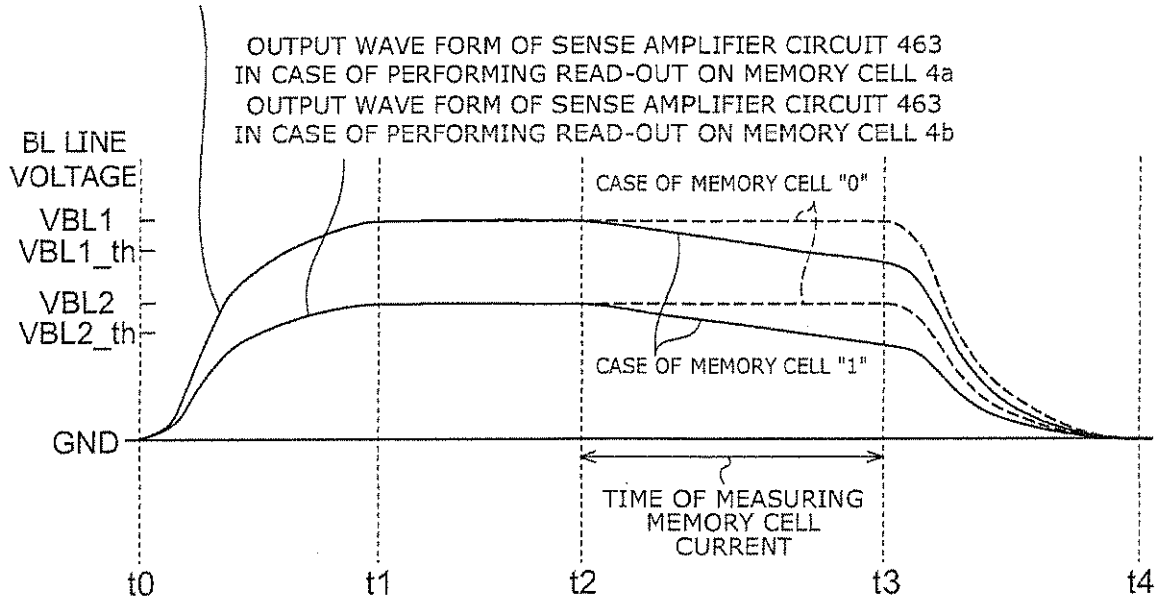


FIG. 29B