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Sense amplifier driving circuit for a semiconductor memory circuit

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(56) Documents cited
**GB2232516 A
GB2220810 A
GB2213668 A
EP0205294 A2
US4888503 A
US4038646 A**

(58) Field of search

As for published application
2246005 A viz:
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Online database: WPI
updated as appropriate

FIG. 1A (Prior Art)

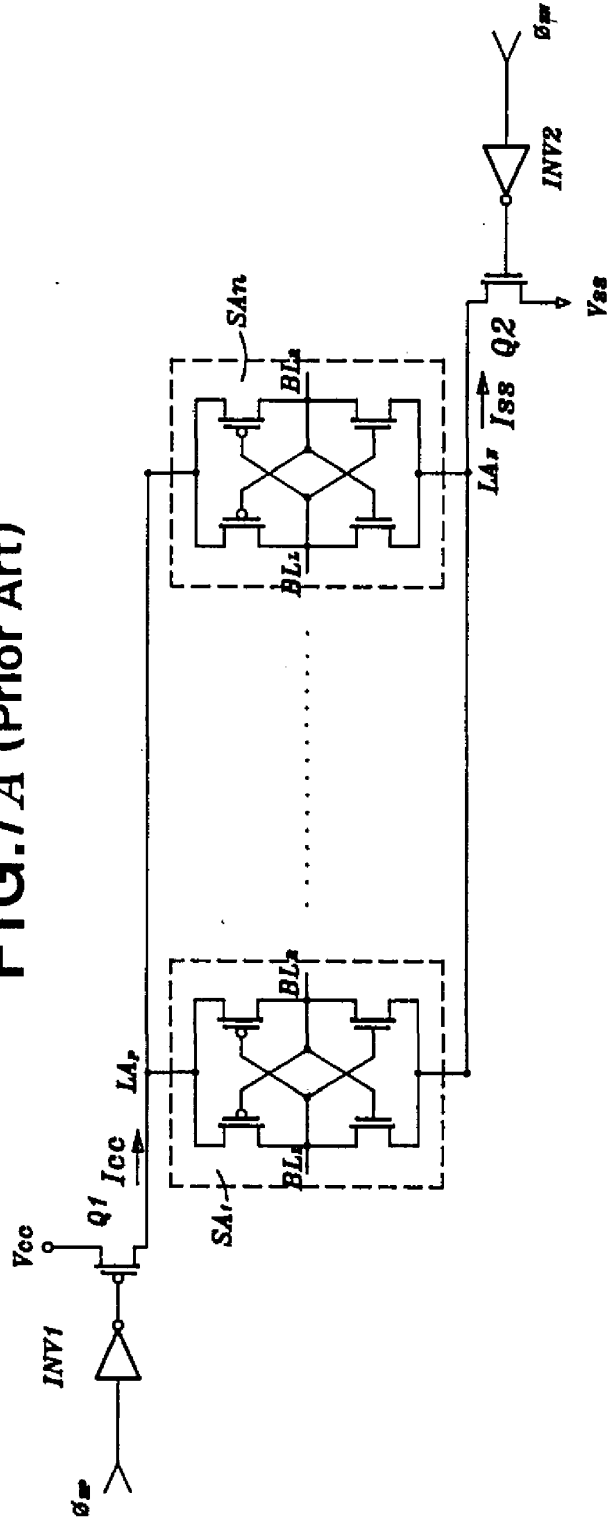


FIG. 1B (Prior Art)

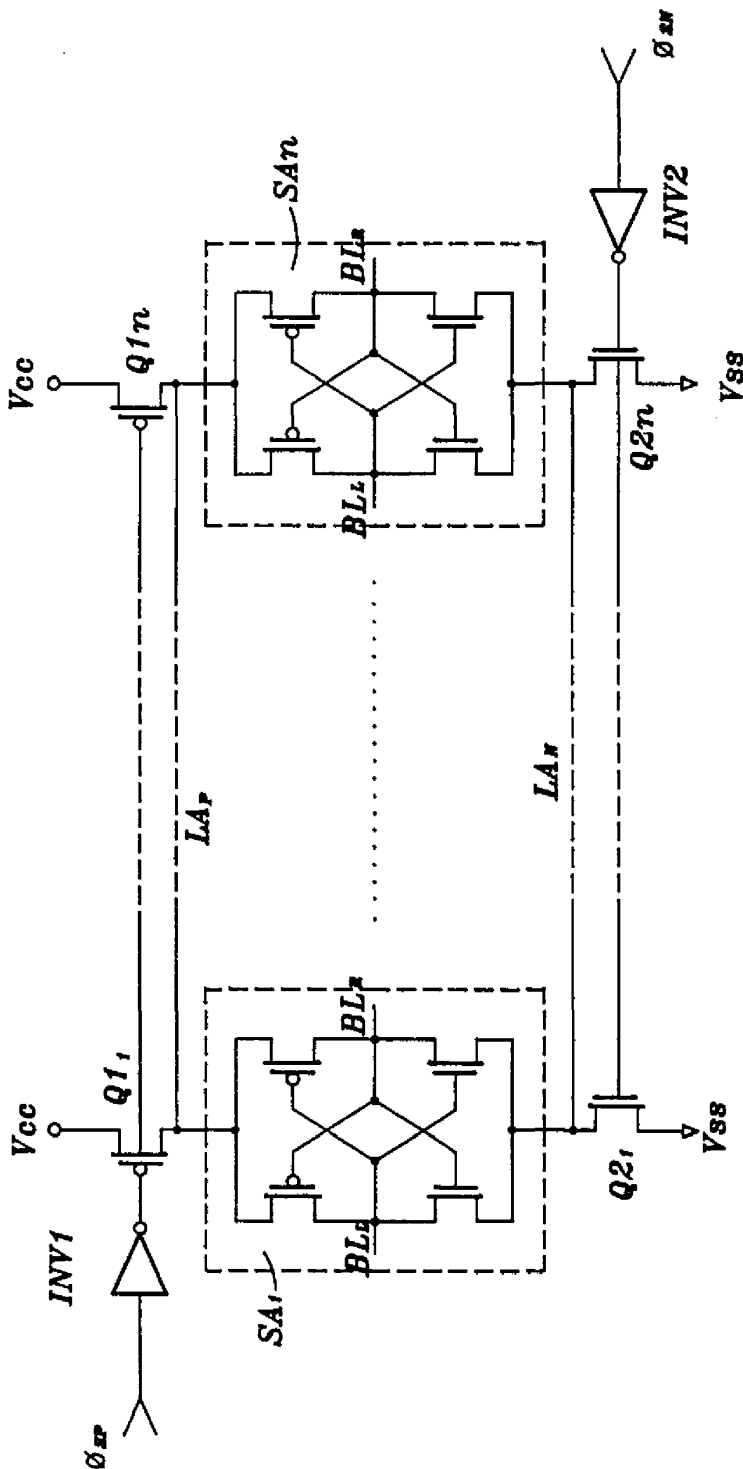


FIG. 2 (Prior Art)

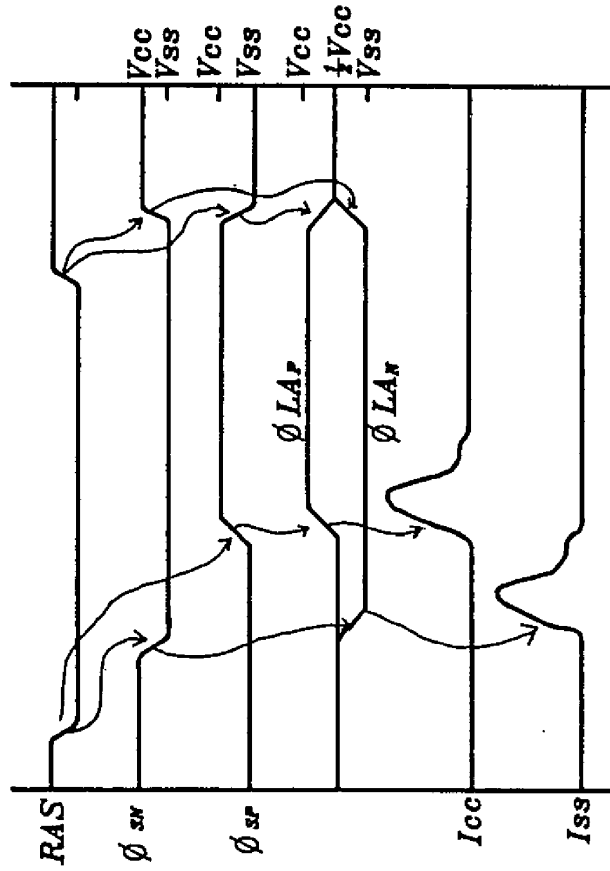
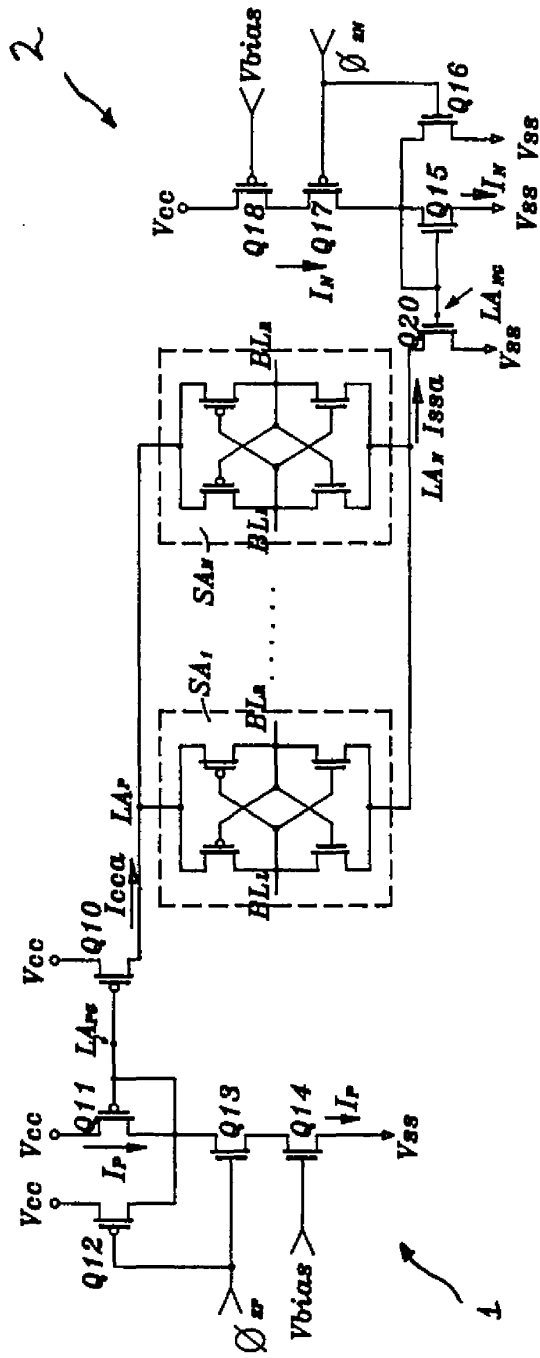


FIG. 3A



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