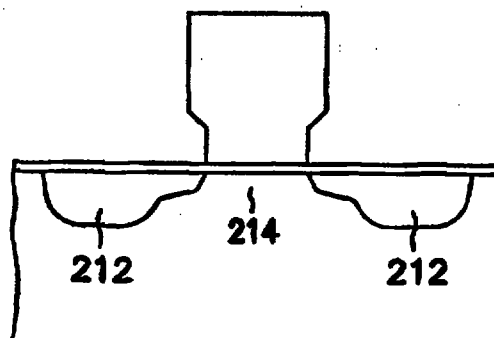




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(54) Title: TRANSISTOR WITH NOTCHED GATE  (57) Abstract A transistor having a gate electrode with a T-shaped cross section is fabricated from a single layer of conductive material using an etching process. A two process etch is performed to form sides walls having a notched profile. The notches allow source and drain regions to be implanted in a substrate and thermally processed without creating excessive overlap capacitance with the gate electrode. The reduction of overlap capacitance increases the operating performance of the transistor, including drive current.		