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(54) Title: SELECTIVE THERMAL ATOMIC LAYER ETCHING

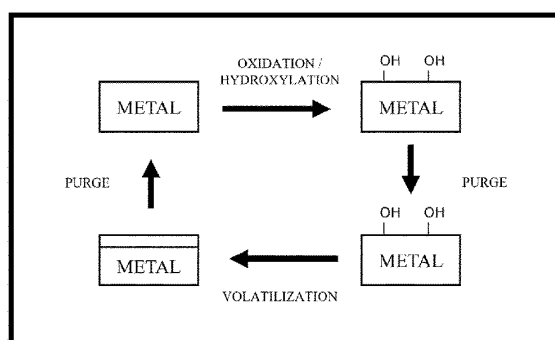


FIG. 3

(57) Abstract: The disclosed and claimed subject matter relates to selective thermal atomic layer etching with a novel series of halogen-free organic acids cycled with an oxidant as a co-reactant to etch metals.