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(54) Title: NITRIDE THERMAL ATOMIC LAYER ETCH

(57) Abstract: Provided are nitride atomic layer etch including in situ
generating a phosphoric acid on the surface of silicon nitride layer by
reacting a phosphorus containing reactant with one or more oxidants.
Phosphoric acid selectively etches silicon nitride layer over silicon oxide
and/or silicon.

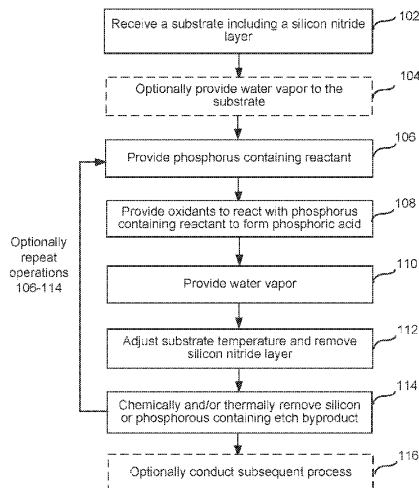


FIG. 1

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