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(54) **Title:** MECHANISM FOR FORMING A REMOTE DELTA DOPING LAYER OF A QUANTUM WELL STRUCTURE

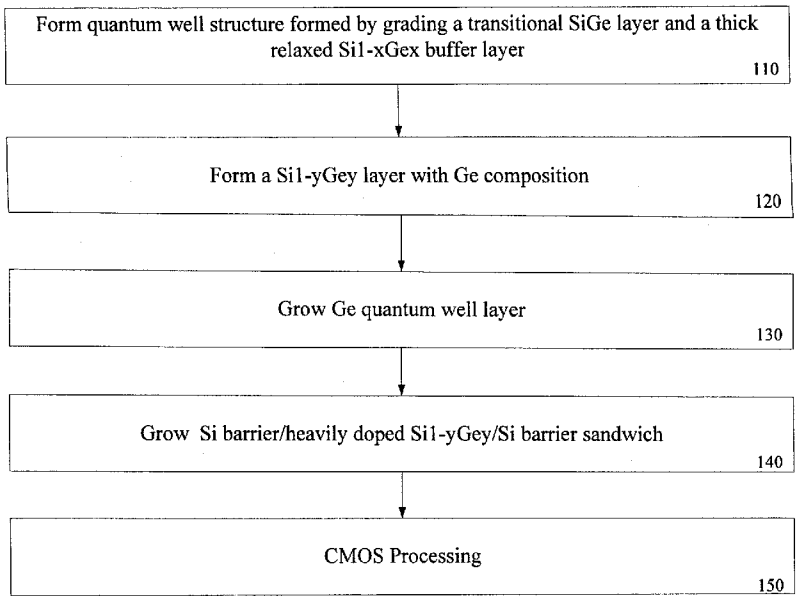


FIG. 1

(57) **Abstract:** A method of fabricating a quantum well device includes forming a diffusion barrier on sides of a delta layer of a quantum well to confine dopants to the quantum well.

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