



A schematic overview of the data flow in the frequency-domain initial state preparation:

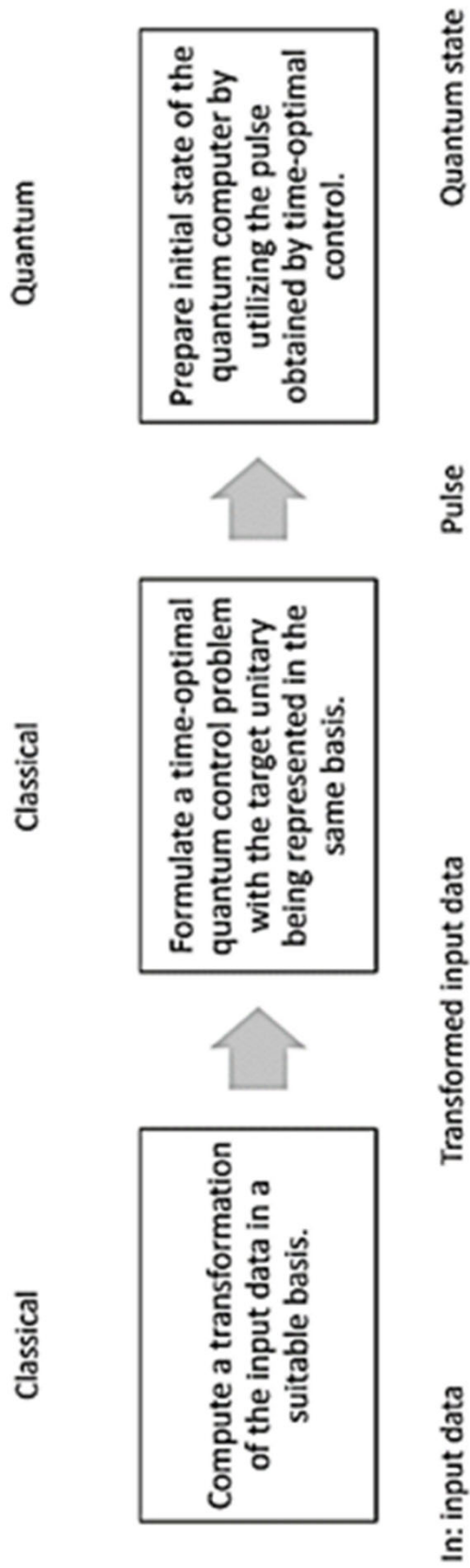


FIG. 1

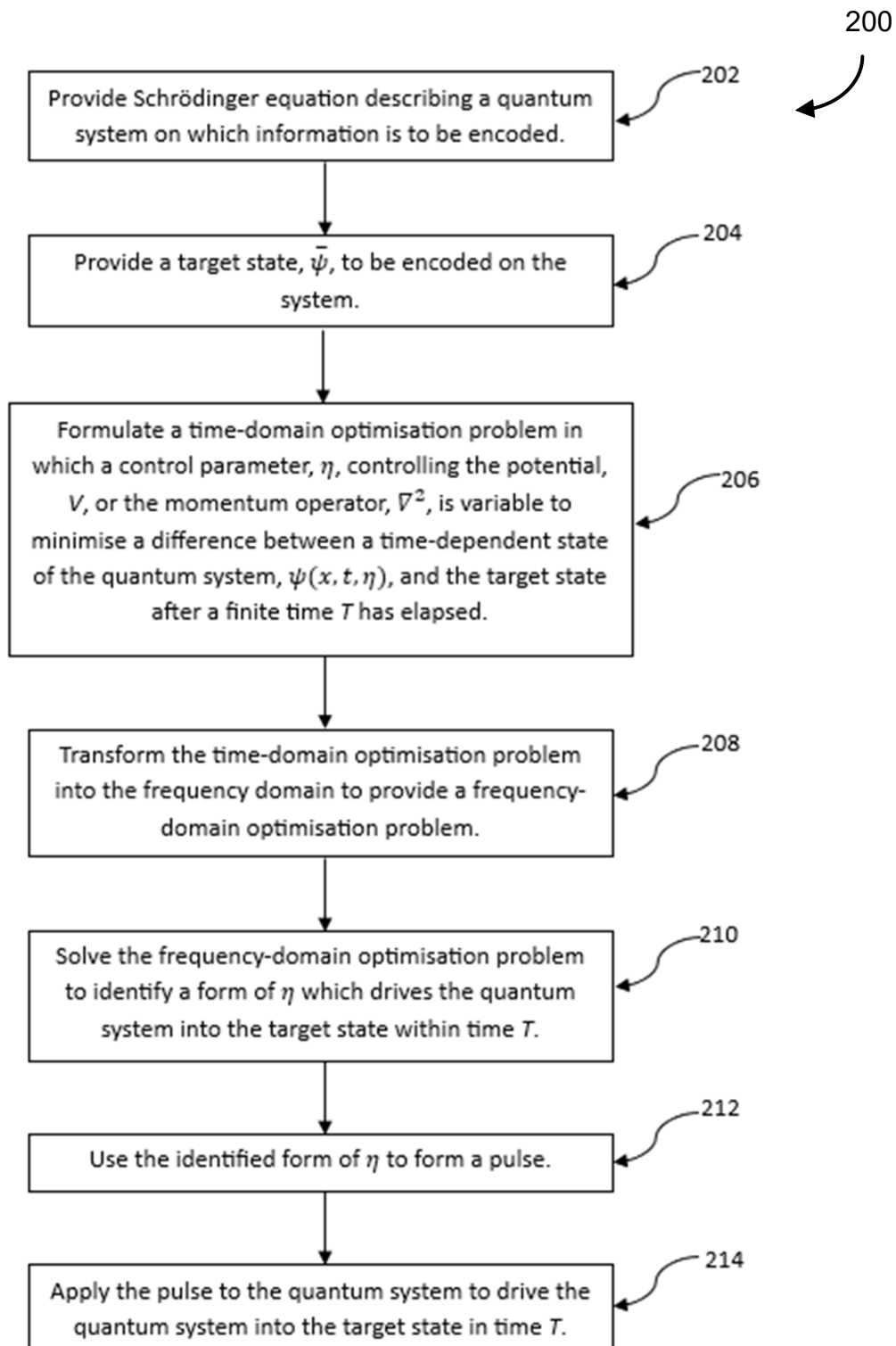


FIG. 2

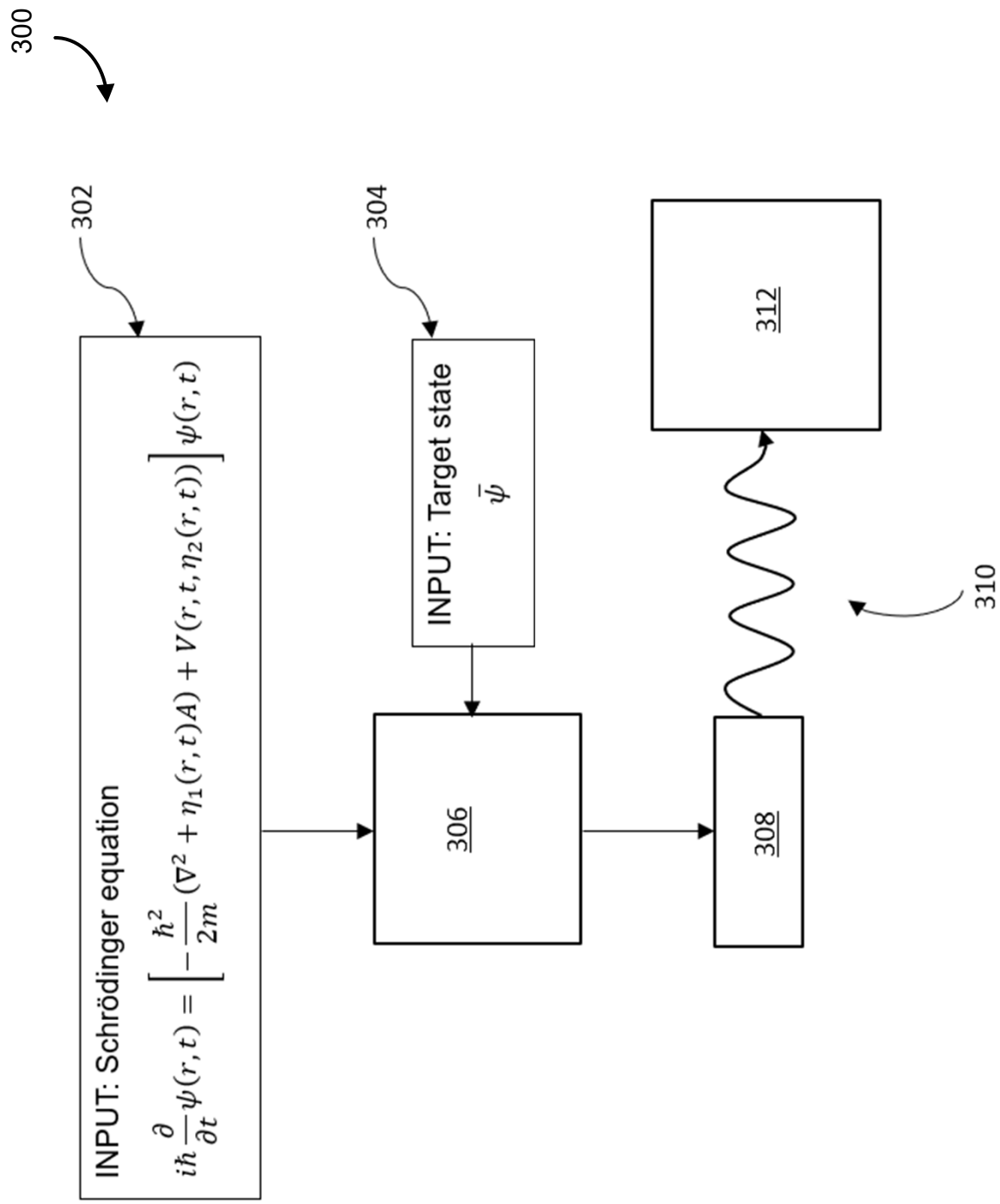


FIG. 3

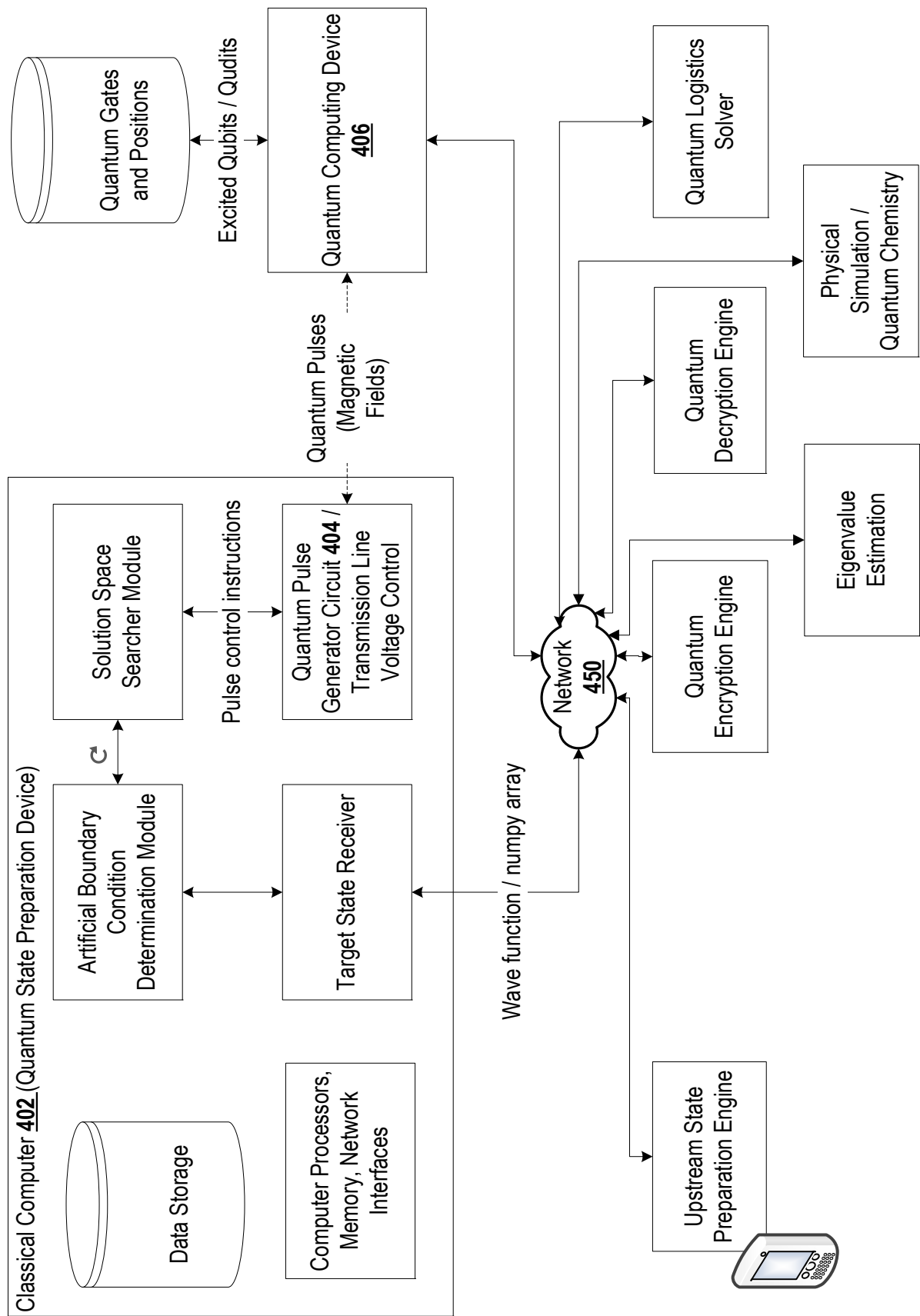
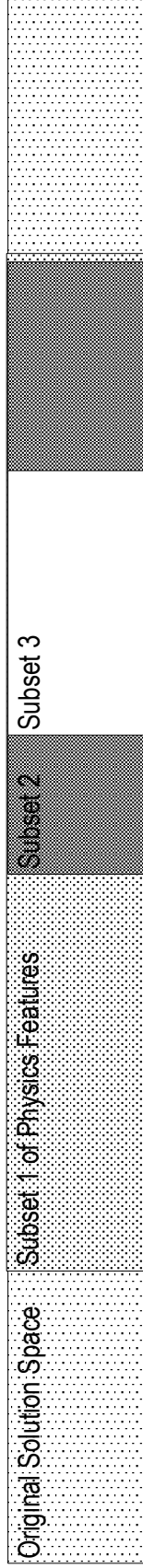


FIG. 4

500



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FIG. 5