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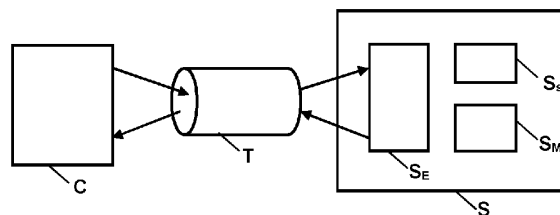


FIG. 1

(57) Abstract: The invention relates, in particular, to a quantum-enabled server (S) comprising an enclave (SE), a qubit source (SS), and quantum-computing means (SM), this enclave comprising means for: receiving information from a remote client through a secured communication channel; determining transformation data from said information; transforming at least one qubit received from said qubit source, according to transformation data; providing the at least one transformed qubits to said quantum-computing means.