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Declarations under Rule 4.17:

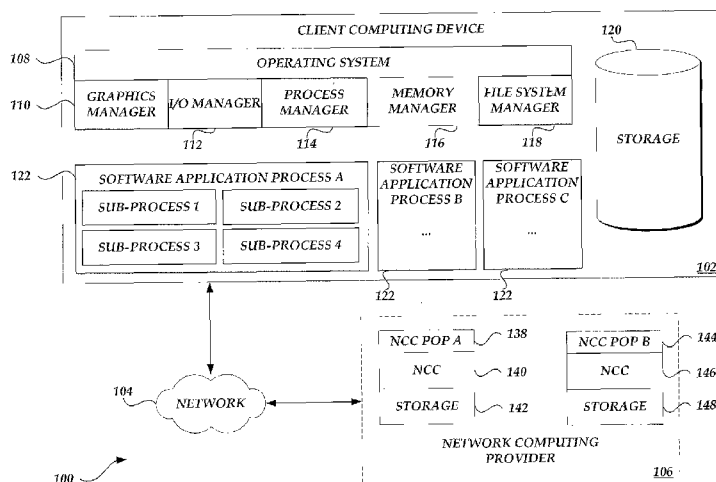
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(54) Title: REMOTE PROCESS EXECUTION MANAGEMENT**Fig. 1.**

(57) **Abstract:** A remote execution management process is directed to the execution and management of aspects of a software process instance at a network computing provider. A client computing device may instantiate a software process instance. The client computing device determines a remote process configuration for the software process instance, including identifying at least one sub-process of the software process instance for execution at the network computing provider. The client computing device may provide the remote session configuration information to the network computing provider. Based on the remote session configuration information, the network computing provider may instantiate a remote session corresponding to the at least one sub-process. The network computing provider may transmit processing results back to the client computing device associated with execution of the least one sub-process by the remote session.