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(54) **AUTOMATIC SELECTION OF ENCRYPTED NETWORK CONNECTION BASED ON PREDICTED LATENCY**

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(57) **ABSTRACT**

Automatically selecting an encrypted network connection (such as a VPN tunnel) to use when communicating through another encrypted connection node with which there are multiple encrypted network connections with the computing system. The selection is based predicted latency of that encrypted network connection. The prediction is based on round-trip times of communications over the respective encrypted network connection. This is quite difficult since the encrypted network connection itself is not the entire path of the outgoing message and corresponding incoming message.