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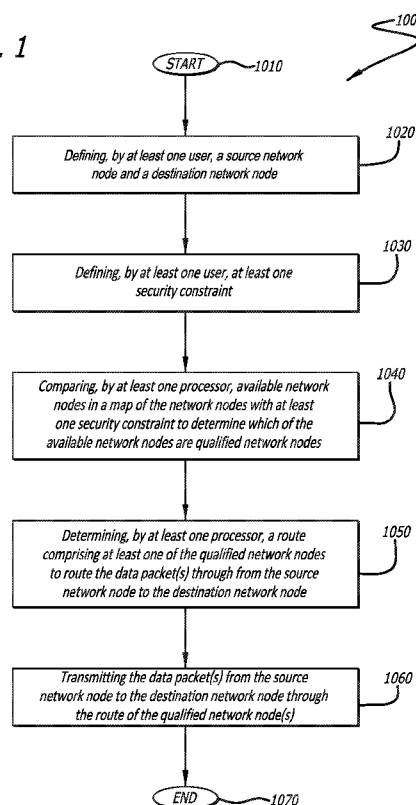
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(54) **Title:** SECURE ROUTING BASED ON THE PHYSICAL LOCATIONS OF ROUTERS

FIG. 1



(57) **Abstract:** A system, method, and apparatus for secure routing based on the physical location of routers are disclosed herein. The disclosed method for secure data transmission of at least one data packet through a plurality of network nodes involves defining a source network node, a destination network node, and at least one security constraint, which is based on the physical location of at least one of the network nodes. The method further involves comparing available network nodes with the security constraint(s) to determine which of the available network nodes meet the security constraint(s) and, thus, are qualified network nodes. Additionally, the method involves determining a route comprising at least one of the qualified network nodes to route the data packet(s) through from the source network node to the destination network node. Further, the method involves transmitting the data packet(s) through the route of the qualified network node(s).



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