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(54) **Title:** NETWORK ENVIRONMENT SEPARATION

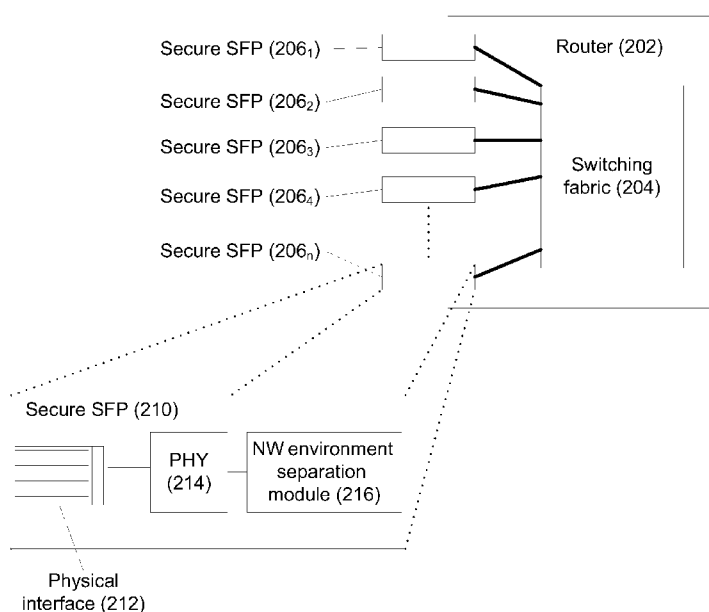


Fig.2

(57) **Abstract:** The presently disclosed subject matter includes, inter alia, a separation module being operatively connectible to a network device operable to facilitate data communication in a communication network, the separation module being configured to control data communication in the communication network, the separation module being assigned with a network-id associating the separation module with a given network environment; the separation module being further configured to tag a data packet received by the network device from a first direction, in order to associate the data packet with a given network environment; and determine whether a tag, associated with a data packet received by the network device from a second direction, is compatible with the assigned network-id, and if it is, remove the tag from the data packet and allow transmission of the data packet.