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(54) Title: QUANTIZED PAUSE FOR A TRAFFIC CONTROL MECHANISM ROBUST TO UNDERLYING NETWORK CONDITIONS

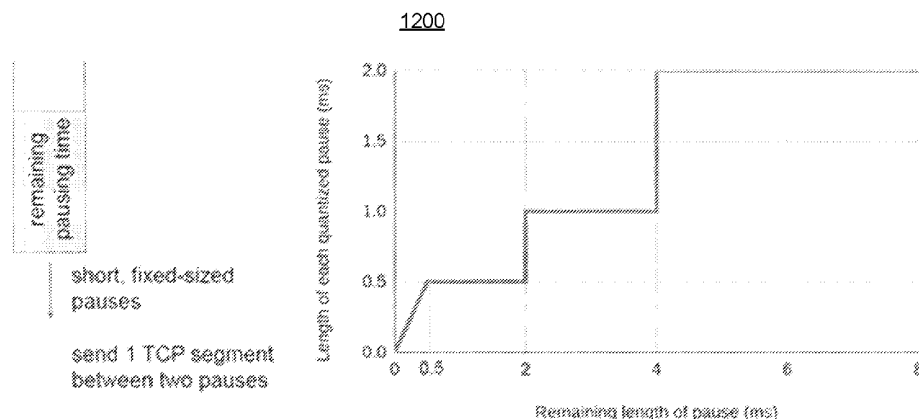


FIG. 12

(57) Abstract: An application determines conditions of the network between a sender host and a receiver host. The application determines, from the conditions, a length of pause to apply. The application transmits the traffic until the length of pause is completely applied to the network using a series of quantized pauses. When the length of pause exceeds a threshold, the application instructs the sender host to pause the traffic for a first amount of time, and where the length of pause does not exceed the threshold, the application instructs the sender host to pause the traffic for a second smaller amount of time. The application detects a new set of conditions of the network between the first node and the second node, and applies a new series of quantized pauses to transmission of the traffic based on a new length of pause determined from the new set of conditions.

[Continued on next page]

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