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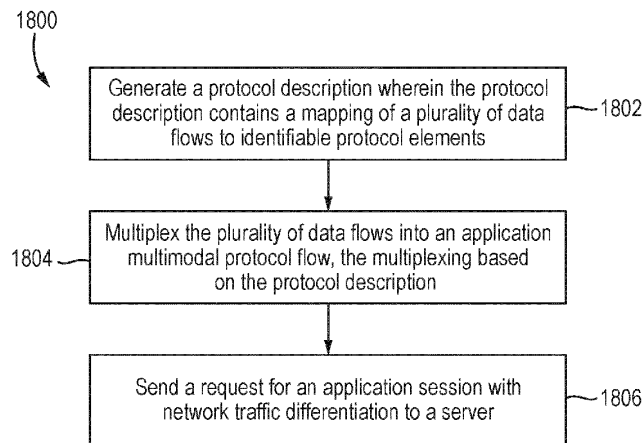
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(54) Title: PROTOCOL DESCRIPTION FOR TRAFFIC DIFFERENTIATION AND OPTIMIZED QOS OF MULTIMODAL IP FLOWS

Fig. 18



(57) Abstract: Accordingly, there is provided a client for multimodal network traffic differentiation of application data, the client comprising: at least one memory; and at least one processor coupled with the at least one memory and configured to cause the client to: generate a protocol description wherein the protocol description contains a mapping of a plurality of data flows to identifiable protocol elements; multiplex the plurality of data flows into an application multimodal protocol flow, the multiplexing based on the protocol description; and send a request for an application session with network traffic differentiation to a server, the request comprising: a common multimodal session identifier, a representation of the protocol description, and a QoS profile comprising a set of QoS requirements of the plurality of multiplexed data flows.

[Continued on next page]

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