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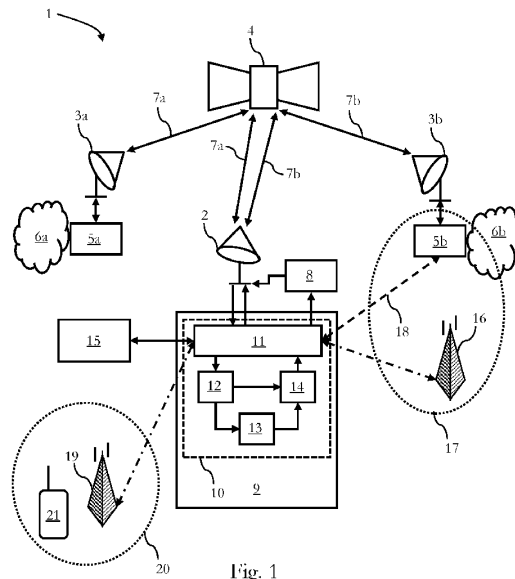


Fig. 1

(57) Abstract: A network entity (9) for managing data traffic routed via the network entity (9) in a communications system, the network entity (9) comprising a circuitry (10) configured to: monitor at least the data traffic transmitted over a communications link (7a, 7b); and manage the monitored data traffic based on an output of a machine learning algorithm (13), the machine learning algorithm (13) being trained to predict at least one of a data capacity requirement and a quality of service depending on at least one of a user behavior, a data traffic pattern, a cost and a time occurrence.

[Continued on next page]

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