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(54) Title: SYSTEMS AND METHODS FOR PERFORMING LAYER ONE LINK AGGREGATION OVER WIRELESS LINKS

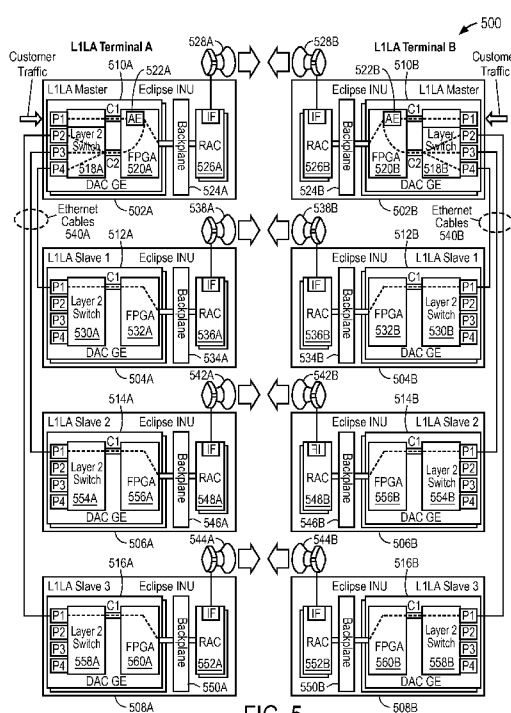


FIG. 5

(57) Abstract: A link aggregation master comprising a first port that receives customer traffic; first channel and channels; an aggregation engine; a first switch circuit configured to communicate the customer traffic from the first port over the first channel to the aggregation engine, the aggregation engine including a splitter circuit configured to use layer one information to segment the customer traffic into first and second virtual containers, the aggregation engine further including an encapsulation circuit configured to encapsulate the second virtual container using Ethernet standards for transport over the second channel; a radio access card configured to generate an air frame based on the first virtual container for transmission over a first wireless link of a link aggregation group; and a second switch circuit, and configured to communicate the Ethernet-encapsulated second virtual container over the second channel to a slave for transmission over a second wireless link of the link aggregation group.



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