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(54) **Title:** SHARING GEOGRAPHICALLY CONCENTRATED WORKLOAD AMONG NEIGHBORING MEC HOSTS OF MULTIPLE CARRIERS

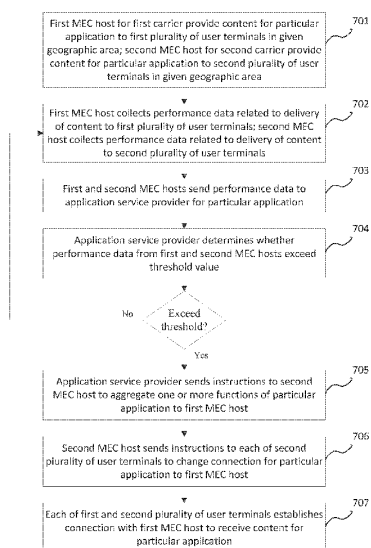


FIG. 7

(57) **Abstract:** In aggregating application functions on multi-access edge computing (MEC) hosts across multiple carriers, a system associated with a particular application receives performance data from a first and second MEC hosts. The first MEC host is deployed on a first network carrier and coupled to first user terminals. The second MEC host is deployed on a second network carrier and coupled to second user terminals. The particular application is installed on the first and second MEC hosts. The system determines whether the performance data from the second MEC host exceeds a threshold value. If so, the system sends instructions to the second MEC host to aggregate function(s) of the particular application to the first MEC host. As a result, each of the first and second user terminals connect to the first MEC host to receive content for the particular application.

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