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(54) **Title:** UAV GROUP CHARGING BASED ON DEMAND FOR UAV SERVICE

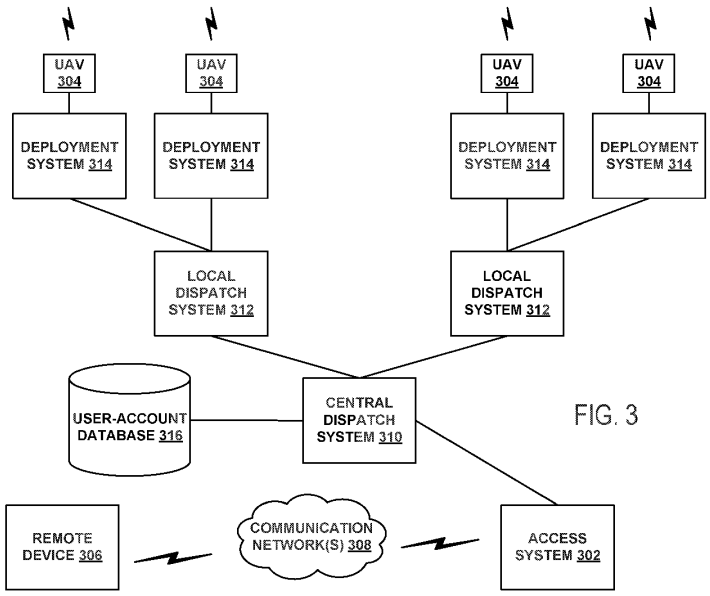


FIG. 3

(57) **Abstract:** Example embodiments can help to more efficiently charge unmanned aerial vehicles (UAVs) in a plurality of UAVs that provide delivery services. An example method includes: determining demand data indicating demand for item-transport services by the plurality of UAVs during a period of time; determining battery state information for the plurality of UAVs, wherein the battery state information is based at least in part on individual battery state information for each of two or more of the UAVs; based at least in part on (a) the demand data for item-transport services by the plurality of UAVs, and (b) the battery state information for the fleet of UAVs, determining respective charge-rate profiles for one or more of the UAVs; and sending instructions to cause respective batteries of the one or more of the UAVs to be charged according to the respectively determined charge-rate profiles.

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