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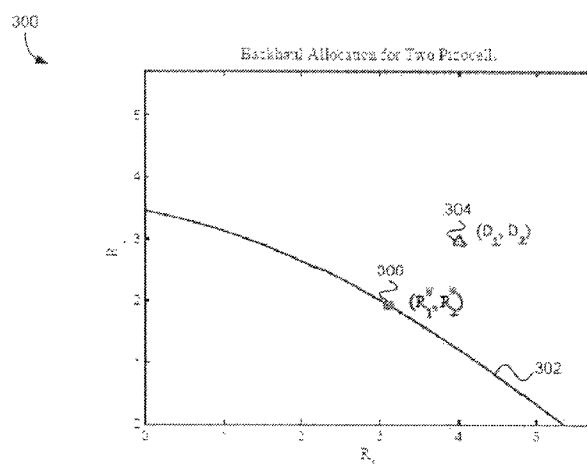


FIG. 3

(57) Abstract: Various embodiments provide for systems and methods of backhaul optimization. An exemplary system comprises a plurality of low power cells and a connector node. The connector node may be in communication with the plurality of low power cells. The connector node may be configured to receive demands from each of the plurality of low power cells. Each of the demands may indicate a demand at a predetermined time. The connector node may be further configured to determine a rate for each of the plurality of low power cells based on the demands of each of the low power cells and the assigned rate of the other of the plurality of low power cells. The connector node may be further configured to allocate capacity based on the determined rates.