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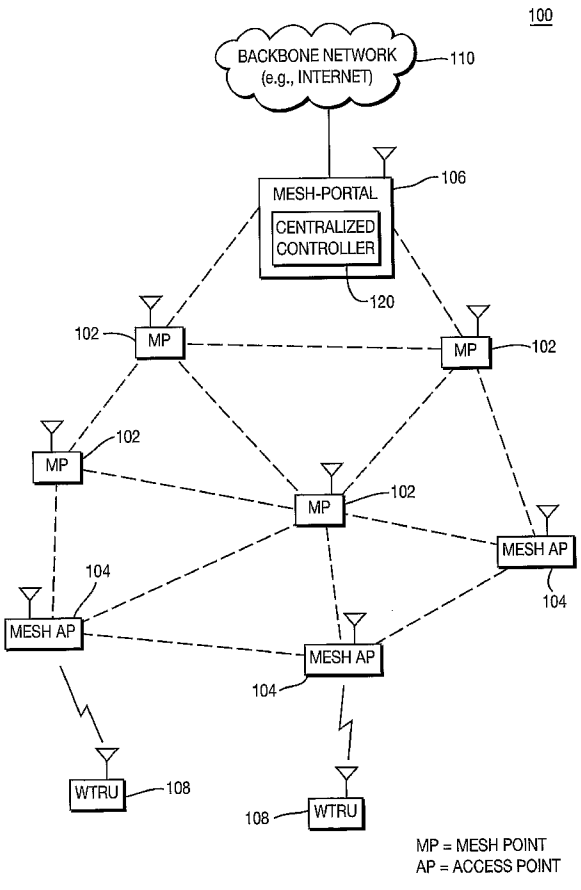
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR CONSERVING BATTERY POWER OF MESH POINTS IN A MESH NETWORK



(57) Abstract: A method and system for conserving power of battery-powered mesh points (MPs) in a mesh network are disclosed. In one embodiment, a centralized controller is provided in the mesh network. Each of the MPs signal information associated with conserving MP battery power and provide indications of battery power levels associated with the respective MPs to the centralized controller. The centralized controller optimizes the configuration of the mesh network based on the signaling information for conserving MP battery power and the battery power level indications. In an alternate embodiment, each of the MPs individually monitor traffic flowing through the respective MP and a level of battery power associated with the respective MP. Each of the MPs determine whether to activate a power saving function associated with the respective MP and signal information associated with conserving MP battery power to neighboring MPs in the mesh network.

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