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(54) **SYSTEM CONFIGURED TO DECREASE BATTERY AGEING OF EAR WEARABLE DEVICE DUE TO TRANSPORTATION OR STORAGE OF THE DEVICE WHILE ENSURING HIGH CHARGE BEFORE INITIAL USE**

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(57) **ABSTRACT**

An example system includes an ear-wearable device comprising a housing and a rechargeable battery located within the housing; a supplemental power storage device configured to provide electrical energy; and circuitry configured to transfer, responsive to occurrence of an event, electrical energy from the supplemental power storage device to the rechargeable battery prior to an initial use of the ear-wearable device.