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(19) **United States**(12) **Patent Application Publication**
Li et al.(10) **Pub. No.: US 2023/0231722 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **APPARATUS, METHODS, AND PROGRAM PRODUCTS FOR GENERATING SECURE SHORT UNIVERSAL RESOURCE LOCATORS**(52) **U.S. Cl.**
CPC **H04L 9/3247** (2013.01); **H04L 9/3263** (2013.01)(57) **ABSTRACT**

Apparatus, methods, and computer program products for managing power sharing in electronic devices are disclosed. One apparatus includes a processor and a memory that stores code executable by the processor to determine, in real-time, whether one or more first electronic devices that are compatible with a second electronic device that is low on power are within a predetermined geographic distance of the second electronic device and, in response to determining that one or more first electronic devices that are compatible with the second electronic device are within the predetermined geographic distance of the second electronic device, transmit a request to the one or more first electronic devices inquiring whether any of the one or more first electronic devices are willing to share power with the second electronic device. Methods and computer program products that include and/or perform the operations of the apparatus are also disclosed.

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