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(19) **United States**(12) **Patent Application Publication**
Roberts et al.(10) **Pub. No.: US 2024/0235227 A1**(43) **Pub. Date: Jul. 11, 2024**(54) **STORAGE AND CHARGING STATION
SYSTEM FOR MOBILE ELECTRONIC
DEVICES HAVING A UNITARY SUPPORT
TOWER CAGE STRUCTURE****Publication Classification**(51) **Int. Cl.**
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7/0047 (2013.01)(71) Applicant: **Nathan R. Roberts**, Columbus, WI
(US)(72) Inventors: **Nathan R. Roberts**, Columbus, WI
(US); **Beau M. Wishner**, Columbus,
WI (US)(21) Appl. No.: **18/406,412**(22) Filed: **Jan. 8, 2024****Related U.S. Application Data**(63) Continuation of application No. 17/538,710, filed on
Nov. 30, 2021, now Pat. No. 11,870,287, which is a
continuation-in-part of application No. 16/986,604,
filed on Aug. 6, 2020, now Pat. No. 11,462,925.(57) **ABSTRACT**

A storage and charging station system for mobile electronic devices is described. The storage and charging station system includes a support tower structure including shelves for storing the mobile electronic devices during charging, a support device coupled to the support tower structure, a grid system on one side of the support tower structure, the grid system for mounting various accessories, a wire management system positioned adjacent to each of the shelves, a cable management system coupled to one side of the support tower structure, and a power distribution unit coupled to the support tower structure.

