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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0232496 A1****Leizerovich et al.**(43) **Pub. Date: Jul. 20, 2023**(54) **SMALL CELL ACCESS NODE**

(57)

**ABSTRACT**(71) Applicant: **Ubiquia, Inc.**, Fort Lauderdale, FL (US)(72) Inventors: **Gustavo Dario Leizerovich**, Aventura, FL (US); **Claudio Santiago Ribeiro**, Evanston, IL (US); **Cesar Eduardo Nunez**, Miramar, FL (US)(21) Appl. No.: **17/567,116**(22) Filed: **Jan. 1, 2022****Publication Classification**(51) **Int. Cl.**  
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A small cell access node is configured for mounting in an elevated or aerial location, such as on a streetlight. In one exemplary embodiment, the small cell access node includes a housing, at least one electrical module, and an electrical interface connector. The housing includes an electrically conductive lower housing member having a floor portion and an electrically nonconductive sidewall housing member secured along a first edge thereof around at least part of a periphery of the floor portion. The at least one electrical module is positioned in a volume defined by at least the lower housing member and the sidewall housing member. The at least one electrical module includes a shielded enclosure, which is electrically coupled to the lower housing member. The electrical interface connector passes through the lower housing member and supplies electrical power received from an external power source to the at least one electrical module.

