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Logan et al.(10) **Pub. No.: US 2022/0368164 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **FM SCAVENGING FOR WIRELESS
CHARGING OF ELECTRIC VEHICLES AND
OTHER DEVICES**(60) Provisional application No. 62/736,956, filed on Sep.
26, 2018, provisional application No. 62/790,355,
filed on Jan. 9, 2019, provisional application No.
62/822,115, filed on Mar. 22, 2019.(71) Applicant: **Antennum, Inc.**, Marrimack, NH (US)(72) Inventors: **James D. Logan**, Candia, NH (US);
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(US)**Publication Classification**(51) **Int. Cl.****H02J 50/20** (2006.01)**B64C 39/02** (2006.01)(52) **U.S. Cl.**CPC **H02J 50/20** (2016.02); **B64C 39/024**
(2013.01); **B64C 2201/066** (2013.01)(21) Appl. No.: **17/708,162**(22) Filed: **Mar. 30, 2022****Related U.S. Application Data**(63) Continuation of application No. 16/584,136, filed on
Sep. 26, 2019, now Pat. No. 11,296,554.(57) **ABSTRACT**An apparatus, system, and method directed to the charging
of electronic devices, and in particular to the wireless
charging of battery enabled devices using FM band signals