

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0213803 A1 Steinberg

(54) APPARATUS FOR CHARGING WRIST-MOUNTED MICROPROCESSOR-CONTROLLED

ELECTRONIC DEVICES

(71) Applicant: Taction Technology, Inc., Los Gatos, CA (US)

(72) Inventor: John Douglas Steinberg, Millbrae, CA

Appl. No.: 18/388,648

(22)Filed: Nov. 10, 2023

Related U.S. Application Data

(63) Continuation of application No. 18/215,080, filed on Jun. 27, 2023, now abandoned, which is a continuation of application No. 18/117,031, filed on Mar. 3, 2023, now abandoned, which is a continuation of application No. 17/989,158, filed on Nov. 17, 2022, now abandoned, which is a continuation of application No. 17/881,907, filed on Aug. 5, 2022, now

Jun. 27, 2024 (43) **Pub. Date:**

abandoned, which is a continuation of application No. 17/680,073, filed on Feb. 24, 2022.

Provisional application No. 63/154,771, filed on Feb. 28, 2021.

Publication Classification

(51) Int. Cl. H02J 50/10 (2006.01)A61B 5/00 (2006.01)H02J 50/00 (2006.01)

U.S. Cl. CPC H02J 50/10 (2016.02); A61B 5/681 (2013.01); **H02J 50/005** (2020.01)

(57)ABSTRACT

An apparatus for use with a wrist-mounted device comprising biometric features such as pulse rate, blood pressure or other biometric measurements, such as a smart watch, wherein the apparatus permits the battery in the wristmounted device to be charged while the device is on the user's wrist, thereby permitting the wrist-mounted device to continue to record biometric signals while the wristmounted device is being charged.

