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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2019/0099117 A1**
PULITZER et al. (43) **Pub. Date: Apr. 4, 2019**(54) **FINGER CUFF HAVING VIBRATION
MECHANISM FOR USE IN PERFORMING A
FINGER PRICK**(52) **U.S. Cl.**
CPC **A61B 5/150137** (2013.01)(71) Applicant: **RELIANT IMMUNE
DIAGNOSTICS, INC.**, Austin, TX
(US)(57) **ABSTRACT**(72) Inventors: **JOVAN HUTTON PULITZER**,
FRISCO, TX (US); **HENRY JOSEPH
LEGERE, III**, AUSTIN, TX (US)(21) Appl. No.: **16/136,507**(22) Filed: **Sep. 20, 2018****Related U.S. Application Data**(60) Provisional application No. 62/566,608, filed on Oct.
2, 2017.**Publication Classification**(51) **Int. Cl.**
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A vibrating finger cuff for use in performing a finger prick comprises a body having a first end and a second end, wherein the first end having a first opening and the second end having a second opening, and wherein a finger is inserted into the first opening until the finger exits the hollow body at the second opening, a housing secured to an outside surface of the hollow body, the housing including within a vibrator motor, a negative battery contact, a switch contact, a negative motor wire connected between the vibrator motor and the negative battery contact, a positive motor wire connected between the vibrator motor and the switch contact, and a battery housing containing a battery and a positive battery contact, wherein the positive battery contact extends upward from the battery housing so that it contacts the switch contact, and wherein the negative battery contact contacts the battery.

