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(12) **United States Patent
Smith**

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(54) **CYCLING SHOE POWER SENSORS**

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(57) **ABSTRACT**

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(2013.01); **A43B 5/14** (2013.01); **A63B**
2220/40 (2013.01); **A63B 2220/51** (2013.01);
A63B 2220/836 (2013.01); **A63B 2225/20**
(2013.01); **A63B 2225/52** (2013.01)

A cycling shoe for measuring power includes a sole having
a pocket in the bottom of the sole. A sensor platform having
a plurality of sensors, at least one sensor on a top of the
sensor platform and at least one sensor on the bottom of the
sensor platform, is inserted into the pocket. A platform cover
and a cleat are attached to the sole over the sensors. Force
applied to a pedal clipped to the cleat is measured and
processed.

(58) **Field of Classification Search**
CPC A63B 24/00; A43B 3/00; A43B 5/14
See application file for complete search history.

20 Claims, 9 Drawing Sheets

