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(12) **United States Patent**  
**Shockley, Jr. et al.**

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(54) **SYSTEMS AND METHODS FOR MONITORING A SUBJECT'S EFFECTIVE USE OF A SELF-CONTAINED PORTABLE POSITIONABLE OSCILLATING MOTOR ARRAY**

(58) **Field of Classification Search**  
CPC .... A61H 23/00; A61H 23/02; A61H 23/0218; A61H 23/0236; A61H 23/0245;  
(Continued)

(71) Applicant: **INTERNATIONAL BIOPHYSICS CORPORATION**, Austin, TX (US)

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(72) Inventors: **Harold David Shockley, Jr.**, Austin, TX (US); **Geoffrey Albert Marcek**, Austin, TX (US); **Robert Wiley Ellis**, Miramar, FL (US)

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(73) Assignee: **International Biophysics Corporation**, Austin, TX (US)

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**Related U.S. Application Data**

*Primary Examiner* — Michael J Tsai

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(74) *Attorney, Agent, or Firm* — Kowert, Hood, Munyon, Rankin & Goetzel, P.C.; Gareth M. Sampson

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**A61H 23/00** (2006.01)  
**A61H 23/02** (2006.01)

(57) **ABSTRACT**

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CPC ..... **A61H 23/02** (2013.01); **A61B 5/055** (2013.01); **A61B 5/4833** (2013.01);

In some embodiments, a method may include monitoring use of a medical device. The method may include positioning a wearable harness of a medical device on a subject. The method may include selectively positioning at least some of a plurality of engines on and/or adjacent at least one treatment area. The method may include applying an oscillation force to at least one of the treatment areas using at least some of the engines. The method may include mobilizing at least some secretions in an airway within the subject substantially adjacent the treatment areas. The method may include monitoring use of the medical device by the subject using a

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