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(54) METHOD AND APPARATUS FOR DIAGNOSING RESPIRATORY DISORDERS AND DETERMINING THE DEGREE OF EXACERBATIONS

(75) Inventors: **Richard J. Melker**, Gainesville, FL (US); **Neil R. Euliano**, Gainesville, FL

(US)

(73) Assignees: **University of Florida Research Foundation, Inc.**, Gainesville, FL (US);

Neil Euliano, Gainesville, FL (US)

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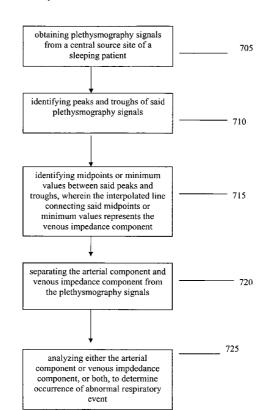
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Primary Examiner—Charles A Marmor, II Assistant Examiner—Navin Natnithithadha (74) Attorney, Agent, or Firm—Timothy H. Van Dyke; Beusse Wolter Sanks Mora & Maire

(57) ABSTRACT

Disclosed herein are apparatuses and methods to monitor respiration and abnormal respiration events utilizing plethysmography. The apparatuses and methods provide an alternative to conventional respiration monitoring methods while enabling accurate yet minimally interruptive and invasive monitoring of respiration. The methods and apparatuses may be employed in the context of sleep studies to determine respiratory related sleep disorders.

17 Claims, 7 Drawing Sheets



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