



US009510690B2

(12) **United States Patent**
Rawls-Meehan et al.

(10) **Patent No.:** **US 9,510,690 B2**

(45) **Date of Patent:** **Dec. 6, 2016**

(54) **FOAM SPRING MATTRESS CONFIGURED WITH VARIABLE FIRMNESS**

(2015.01); *Y10T 29/481* (2015.01); *Y10T 29/49826* (2015.01); *Y10T 29/49863* (2015.01);

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(Continued)

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(58) **Field of Classification Search**

CPC A47C 27/14
USPC 5/740, 738, 727, 730
See application file for complete search history.

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/853,453**

(22) Filed: **Sep. 14, 2015**

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(65) **Prior Publication Data**

US 2016/0029811 A1 Feb. 4, 2016

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Related U.S. Application Data

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(51) **Int. Cl.**

A47C 27/14 (2006.01)
A47C 27/20 (2006.01)
A47C 23/00 (2006.01)
A47C 27/06 (2006.01)
A47C 31/00 (2006.01)

(Continued)

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(52) **U.S. Cl.**

CPC *A47C 27/148* (2013.01); *A47C 7/027* (2013.01); *A47C 7/14* (2013.01); *A47C 23/002* (2013.01); *A47C 27/065* (2013.01); *A47C 27/144* (2013.01); *A47C 27/20* (2013.01); *A47C 31/003* (2013.01); *A47C 31/123* (2013.01); *A47C 31/126* (2013.01); *F16F 3/093* (2013.01); *G06Q 10/101* (2013.01); *G06Q 10/20* (2013.01); *G06Q 30/016* (2013.01); *Y10S 5/953* (2013.01); *Y10T 29/48*

(57) **ABSTRACT**

This disclosure concerns a method of configuring a foam spring mattress including assigning a relevance rating to a foam spring location in the mattress, wherein the relevance rating relates to the relevance of the location to the impact it has on the firmness feel of the mattress and configuring a plurality of foam springs of varied firmnesses in a mattress according to a placement pattern to obtain a firmness, wherein the placement pattern is generated based on a match between a foam spring of a particular firmness and the relevance rating.

12 Claims, 43 Drawing Sheets

