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(54) Title: VIBRATORY SYSTEM FOR MASSAGE AND AUDIO GENERATION IN AN ARTICULATING BED

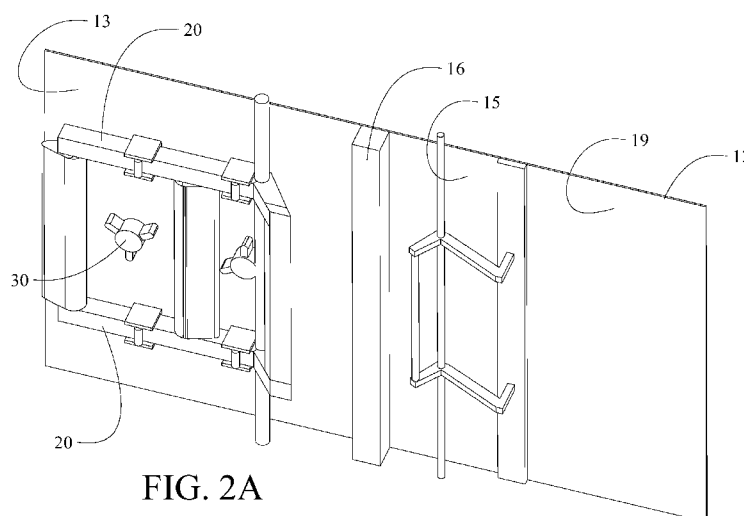


FIG. 2A

(57) Abstract: An articulating bed incorporating a frame employs a support member (12, 114) for a mattress secured to a frame for articulating motion. An upper body portion (13, 114) of the support member is rotatable through a range of motion from an aligned position with the frame to a fully elevated position angularly supporting the upper body portion in a raised position. A massage exciter (30) is affixed to a bottom surface of the support member and is operative to sonically engage the flexible support.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A47C 20/04 (2015.01)

CPC - Y10S 5/933 (2015.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - A47C 20/04 (2015.01)

CPC - Y10S 5/933, 5/934 (2015.01) (keyword delimited)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 5/612, 617, 618, 915, 933; 601/49

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase, Google Scholar

Search terms used: massage, bed, mattress, lift, raise, rise, actuator, sound, sonic, amplitude, frequency

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001/0000828 A1 (HENSLEY) 10 May 2001 (10.05.2001) entire document	1-18
Y	US 6,953,439 B1 (KABEMBA) 11 October 2005 (11.10.2005) entire document	1-18
A	US 2007/0135740 A1 (BUTLER) 14 June 2007 (14.06.2007) entire document	1-18
A	US 6,106,576 A (FROMSON) 22 August 2000 (22.08.2000) entire document	1-18

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

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