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Scarleski

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

This patent is subject to a terminal disclaimer.

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- (58) **Field of Classification Search**
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See application file for complete search history.

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- (57) **ABSTRACT**
A device is disclosed for facilitating rotation of a mattress in a horizontal plane carried by a box spring or a platform. In order to facilitate rotation, slick surfaces between the mattress and the box spring or platform are selectively placed in contact in order to reduce the normal friction therebetween. The slick surfaces may be provided by two (2) separate covers; one cover for the mattress and one cover for the box spring or platform. A first cover is provided with a slick and non-slick surface. In order to further facilitate rotation, a second cover includes a slick surface on one side and forms part of a levitation device. The other side of the second cover may be formed with a slick or a non-slick surface. The levitation device creates an air cushion between the mattress and the box spring under the influence of an air supply which lifts the mattress and allows the mattress to be rotated in a horizontal plane virtually effortlessly. Once the mattress has been rotated to the desired position, the air supply is removed and the first cover is attached to the underside of the mattress so that its non-slick side is in contact with the box spring or platform or bed skirt and its slick side is in contact with the slick side of the other cover and the levitation device defining a normal mode of operation. In a rotate mode of operation, the first cover is attached to the box spring or platform so that its non-slick surface is in contact therewith. Alternatively, the first cover may be integrally incorporated into the box spring or a slick surface may be integrally formed on the platform that forms part of the platform bed. In this embodiment, in order to reduce movement of the mattress with respect to the box spring or platform, the mattress is secured relative to the box spring or platform by removable fasteners in a normal mode of operation. In yet another alternate embodiment of the invention, a portion of the levitation device may be built into the mattress.

3 Claims, 13 Drawing Sheets

