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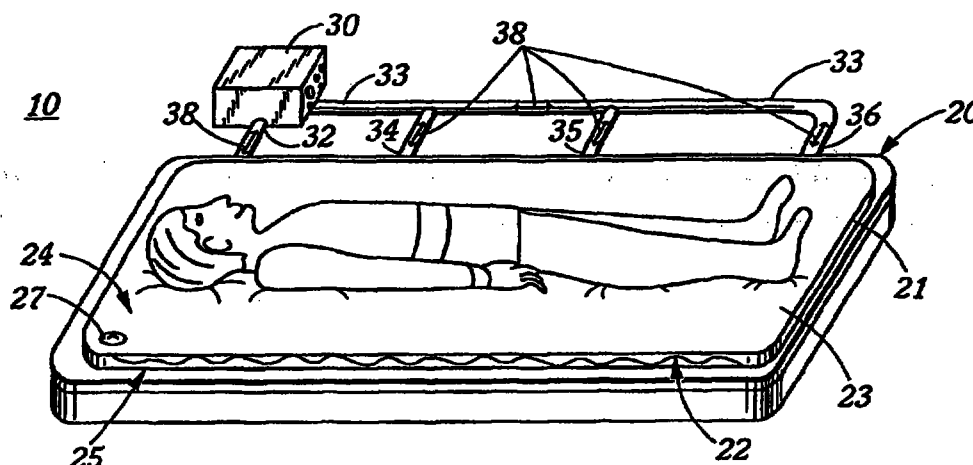
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(54) Title: FOAM SUPPORT WITH LIQUID PULSATING DEVICE



(57) Abstract: A thermally regulatable, pulsating cushioning device having a deformable outer membrane being adapted to sealably receive a liquid material therein; a foam core being encased within and in intimate contact with, but not bonded to the flexible, deformable outer membrane wherein the foam core has a dimension substantially coincident with the outer membrane; a liquid material, sealably contained within the flexible, deformable outer membrane and saturating the foam core, with the liquid material being at least partially circulatory throughout the foam core, wherein the cooperation of the saturated foam core and the sealable flexible membrane provide a uniform, thermally regulatable medium and structural support such that the pulsating cushioning device is readily, uniformly deformable when a load is applied thereto; a means for directly pulsating the liquid within the flexible, deformable outer membrane, causing the device to undulate or vibrate; and a thermal regulator cooperating with the liquid material to either heat or cool the liquid material.

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