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(54) Title: SUPPORT CUSHION

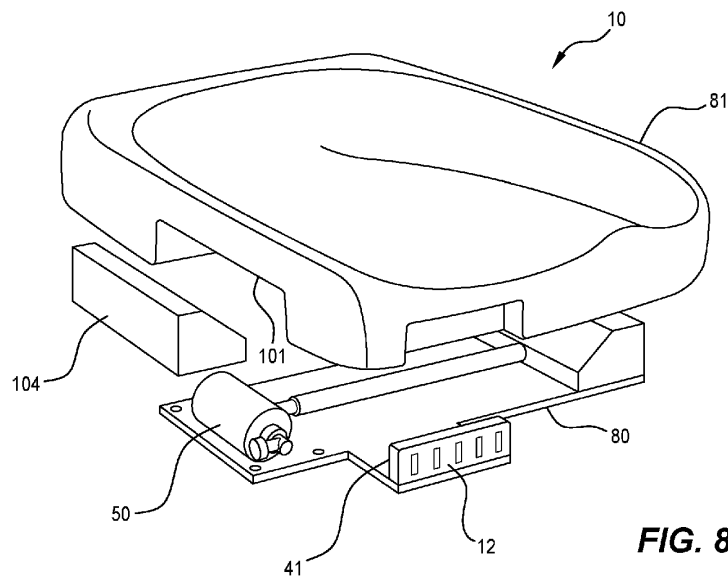


FIG. 8

(57) Abstract: A support cushion to ameliorate the incidence of pressure ulcers, the support cushion comprising: an open or closed cell support structure; at least one cavity formed within the support structure; at least one vibrational device located within at least one of the cavities and imparting vibration to the support structure; a controller controlling operation of the vibrational device to adjust one or more of intensity, duration and location of vibrations in a predetermined manner according to one of a number of selected programmes, and at least one sensor adapted to map a pressure (weight) distribution map of a user. The support cushion may be adjustable in vibration intensity, duration, and location depending on the mapped pressure distribution. The mapped pressure distribution and history of vibrational intensity, duration, and location may also be logged for diagnosis and treatment purposes.

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