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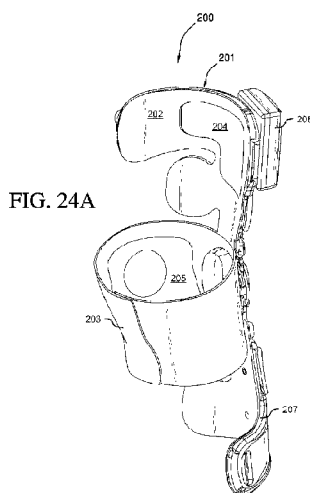
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(54) Title: BRACING AND ELECTROSTIMULATION FOR ARTHRITIS



(57) Abstract: A system for treating arthritis includes at least one joint stabilizing assembly for providing relief from arthritis. At least one signal transmission element engagement member is operatively connected to the joint stabilizing assembly for connecting a signal transmission element. At least one signal transmission element is supported by the at least one signal transmission element engagement member. An electrostimulation unit, electrically connected to the signal transmission element produces a signal for improving the overall function of an arthritic joint. The electrostimulation unit used in conjunction with the joint stabilizing assembly for greater than 150 hours provides a synergistic effect, which results in optimized joint treatment versus using either the joint stabilizing assembly or electrostimulation unit alone.

