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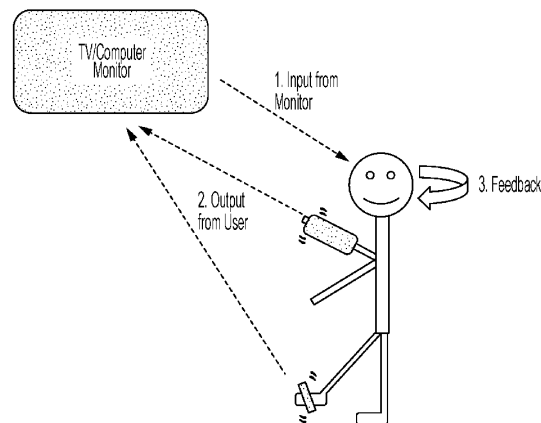


FIG. 5

(57) Abstract: The present disclosure provides methods and systems for improved rehabilitation of ankle motion by visually-driven priming of motor movement. The methods and systems include a sensor configured to measure ankle angle. The generated signal may be used to determine a maximal range of angles the user is capable of generating in order to calibrate the system. Subsequently, the signal from the sensor may be used to display the user location relative to an indication used to prime the motor movement. User performance may be tracked and performance-based awards given to increase rehabilitative outcome. The method and systems may encourage increased patient compliance by providing a comfortable, effective mode of ankle rehabilitation.

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WO 2020/102411 A1

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