Method and related apparatus for monitoring biomechanical performancesc of human limbs

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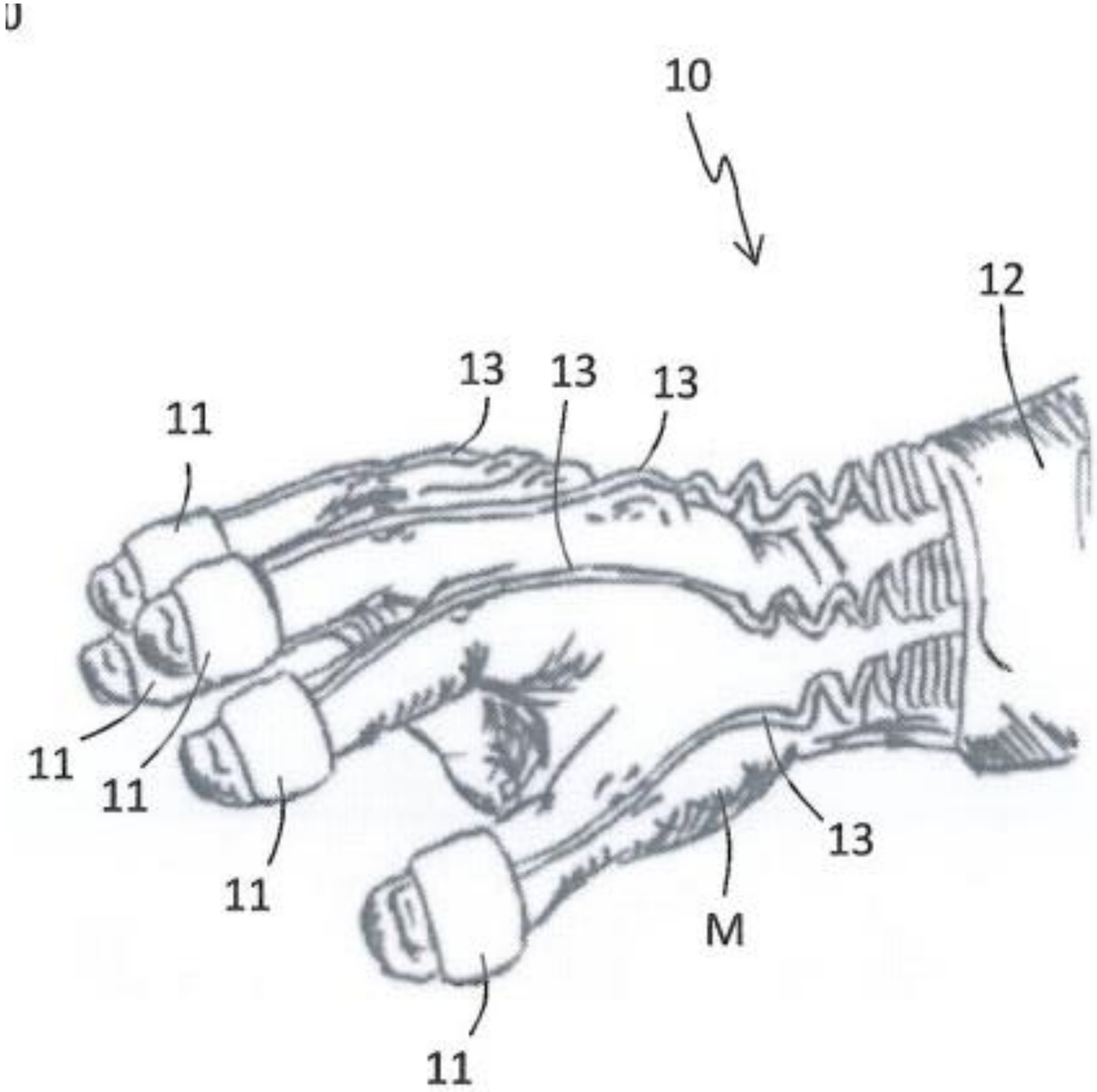
Invention

The invention relates to a device for detecting the position and movement of a human limb through a plurality of sensors and a unit that manages the data and the respective flow.

The highest TRL embodiment features a glove capable of detecting, recording and displaying the movement of the fingers of one hand.
This can be used as an instrument for measuring the ROM of the fingers pre and / or post assestment of a rehabilitation for example.
It can also be used as a haptic interface for augmented reality software, etc.

Drawings & pictures



Industrial Applications

Create a product as

(i) measurement tool and / or

(ii) haptic communication interface with augmented reality software.

Possible developments

The research group is interested in industrial partners interested in licensing the technology covered by this patent.

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