

1 Document

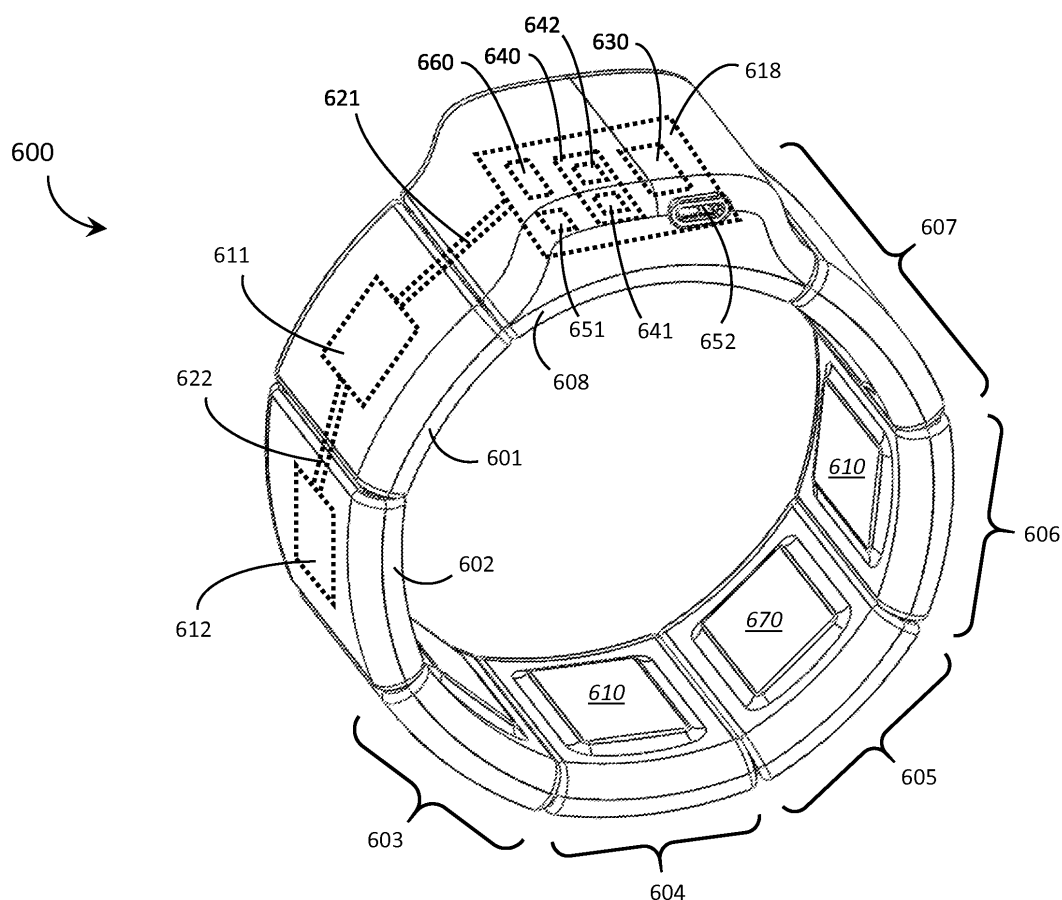
Publication numbers	Title	Current assignees
US20150124566 A1	Systems, articles and methods for wearable electronic devices employing contact sensors	THALMIC LABS

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Title

(US20180150033)

Systems, articles and methods for wearable electronic devices employing contact sensors

Images**Publication data including kind & date**

US20150124566	A1	2015-05-07	US20150124566
US20180150033	A1	2018-05-31	US20180150033

**Abstract**

(US20180150033)

Wearable electronic devices that employ one or more contact sensors (e.g., capacitive sensors and/or biometric sensors) are described. Contact sensors include electromyography sensors and/or capacitive touch sensors. Capacitive touch sensors include single-frequency capacitive touch sensors, recently-proposed swept frequency capacitive touch sensors, and a generalized version of swept frequency capacitive touch sensors referred to as multi-frequency capacitive touch sensors. The contact sensors are integrated into various devices, including generic watchstraps that may be substituted for the existing watchstrap in any wristwatch design, generic watch back-plates that may be substituted for the existing back-plate in any wristwatch design, and wearable electromyography devices that provide gesture-based control in a human-electronics interface.

Inventors

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Latest standardized assignees - inventors removed

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