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(54) **OPTICAL SCANNING-TYPE TOUCH PANEL**

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(75) Inventors: **Yasuhide Iwamoto**, Kawasaki (JP);
Satoshi Sano, Kawasaki (JP);
Fumihiko Nakazawa, Kawasaki (JP);
Nobuyasu Yamaguchi, Kawasaki (JP)

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Correspondence Address:
**ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON, LLP**
1725 K STREET, NW, SUITE 1000
WASHINGTON, DC 20006 (US)

(57) **ABSTRACT**

An optical unit of an optical scanning-type touch panel is constructed by providing a light emitting element for emitting infrared laser light, a collimation lens for changing the laser light from the light emitting element into parallel light, a light receiving element for receiving scanning light, a slit plate for limiting incident light on the light receiving element, a polygon mirror for angularly scanning the laser light from the light emitting element, an aperture mirror for limiting light projected onto the polygon mirror from the collimation lens by an aperture and for reflecting the reflected light from the polygon mirror toward the light receiving element, a light receiving lens for focusing the reflected light from the aperture mirror, and a motor for rotating the polygon mirror in a single optical unit main body as one unit.

(73) Assignee: **FUJITSU LIMITED**, Kawasaki (JP)

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