

WIPO SEARCH REPORT
by the AUSTRALIAN PATENT OFFICE

WIPO Search No
AU – 999/TH-111

a) **Fields of Search**

Countries searched: AU, US, GB, FR, DE, CH, JP, SU, CA, EP, WO

Technical fields: **Virtual input device for mobile computing**

Int. Cl.

G06F 3/01 (2006.01)

covering the period:

US Classification:

covering the period:

Other: **EPODOC, WPI, GOOGLE (KEYWORD): VIRTUAL, INPUT+, KEY_BOARD?, KEY_PAD?, OPTIC+, OPTO+, FINGER?, SENSOR?, SENS+, TRANSMI+, PROJECT+, GESTUR+, HAPTIC**

covering the period: **1920-present**

b) **Pertinent Literature**

Patent Documents

- 1 US 6266048 B1
- 2 US 6650318 B1
- 3 US 7215327 B2
- 4 US 2007/0115261 A1
- 5 US 2003/0174125 A1
- 6 US 6670894 B2
- 7 US 2009/0096746 A1
- 8 JP 2010086367 A
- 9 US 2003/0214481 A1
- 10 US 2004/0212590 A1
- 11 US 2010/0231505 A1
- 12 WO 2004/044664 A1

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Non-Patent Literature

c) **Comments**

All the documents disclose various input means for a computing device.

Documents 1 to 5 all disclose virtual input means via a optically projected keyboard. All of these documents show a projected image of a keyboard wherein finger location is sensed optically to input keyboard characters. None use a sensor attached to the user for sensing the action of input. Document D5 is also for a mobile portable device.

Documents 6 to 12 all disclose an input means for a computing device in which sensors are attached to the user and movement of the user is converted into input to the computing device.

Date of the actual completion

22 December 2010

Date of mailing

Name and mailing address

AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustralia.gov.au

Authorised officer

A. EXAMINER

Telephone No. +61 2 6283 1234