

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 August 2006 (03.08.2006)

PCT

(10) International Publication Number
WO 2006/080858 A1

(51) International Patent Classification:

G06F 3/033 (2006.01) G06F 3/02 (2006.01)
G06F 3/038 (2006.01) G06K 11/06 (2006.01)

(21) International Application Number:

PCT/NZ2006/000007

(22) International Filing Date: 30 January 2006 (30.01.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

535766 30 January 2005 (30.01.2005) NZ

(71) Applicant (for all designated States except US):
SIMTRIX LIMITED [NZ/NZ]; Unit 3, 7 Pilgrim
Place, Christchurch 8001 (NZ).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ODGERS, Grant,
Neville** [NZ/NZ]; 287 Okuti Valley Road, Okuti Valley, R
D 1, Little River, Canterbury (NZ).

(74) Agents: **CABLE, Andrew, J.** et al.; Level 11, Pricewater-
houseCoopers Centre, 119 Armagh Street, PO Box 2201,
Christchurch (NZ).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

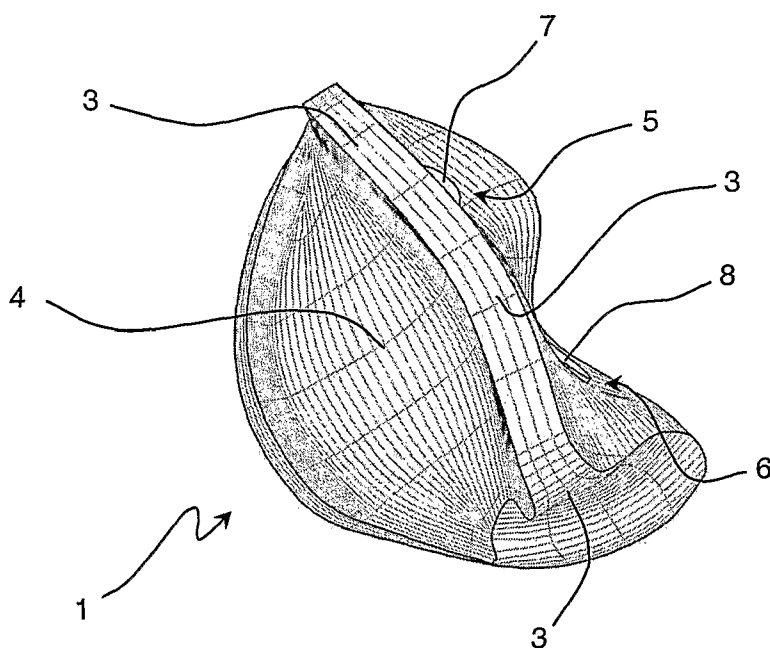
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: COMPUTER MOUSE PERIPHERAL



(57) Abstract: A computer pointing
device including: a base portion with
a lower surface adapted for sliding
across a work surface, a spine portion,
projecting substantially upward
from said base portion and having a
thumb-engaging surface on a first
lateral side of the spine and at least
one index fingertip and/or middle
fingertip-engaging surface on a second
lateral side of the spine opposing said
first lateral side. A keyboard with
an altered arrangement of function
of keys, such as an enlarged or truncated
or no spacebar or capable of an altered
appearance in accordance with keys
being re-mapped to sensors on a
pointing device. A keyboard with a
virtual screen display, which may be
made semi-transparent by activating
a sensor on a pointing device. A
computer with a recess capable of
accommodating a mouse device. A
locked scrolling or zooming means,

using any pointing device, in which scrolling or zooming in a defined direction is proportional to the distance travelled by the
device, irrespective of direction of movement of the device.

WO 2006/080858 A1