

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 July 2006 (13.07.2006)

PCT

(10) International Publication Number
WO 2006/073483 A3

(51) International Patent Classification:
G08B 29/00 (2006.01) **G08B 19/00** (2006.01)

(21) International Application Number:
PCT/US2005/022318

(22) International Filing Date: 22 June 2005 (22.06.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/893,037 5 January 2005 (05.01.2005) US

(71) Applicant (for all designated States except US): **HONEYWELL INTERNATIONAL INC.** [US/US]; Law Department, 101 Columbia Road, P.o. Box 2245, Morristown, NJ 07692 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ESKILDTSEN, Kenneth, G.** [US/US]; 81 Arleigh Road, Great Neck, NY 11021 (US).

(74) Common Representative: **HONEYWELL INTERNATIONAL INC.**; Law Department, 101 Columbia Road, Morristown, NJ 07692 (US).

(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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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, 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

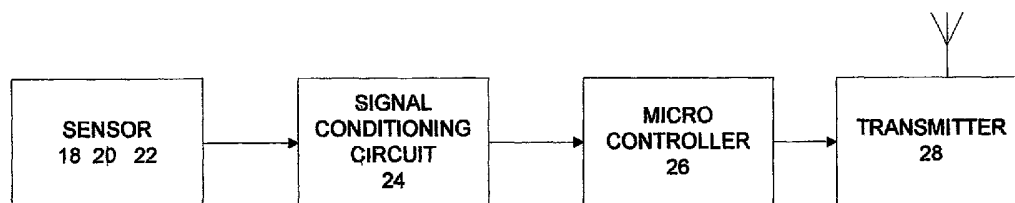
Published:

- 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

(88) Date of publication of the international search report:
9 November 2006

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

(54) Title: METHOD FOR REMOTELY CHANGING THE SENSITIVITY OF A WIRELESS SENSOR



(57) Abstract: Apparatus for remotely changing the sensitivity of a sensor in a security system which includes at least a first sensor having at least first and second outputs corresponding respectively to first and second sensitivity settings, and programmable apparatus cooperating with the first and second outputs of the first sensor. The programmable apparatus is programmable to operatively connect one of the first and second outputs. The apparatus also includes a transmitter coupled to the sensor for transmitting the output of the sensor to an associated security system alarm panel. The invention also includes the method for remotely changing the sensitivity of a sensor in a security system which includes providing at least a first sensor having at least first and second outputs corresponding respectively to first and second sensitivity settings, providing a programmable apparatus for operatively connecting one of the first and second outputs of the first sensor.

WO 2006/073483 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/22318

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G08B 29/00**(2006.01),**19/00**(2006.01)

USPC: 340/511,521

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 340/511, 521

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HOROWITZ et al, The Art of Electronics, Cambridge University Press, 2nd edition, 1989, pages 635-636.	1-44
Y	US 2004/0095253 A1 (TANGUAY) 20 May 2004 (20.05.2004), see entire document.	1-44
Y	US 2004/0012502 A1 (RASMUSSEN) 22 January 2004 (22.01.2004), see entire document.	6, 10, 11, 17, 21, 22, 28, 32, 33, 39, 43, 44
Y	US 4,245,217 A (STEINHAGE) 13 January 1981 (13.01.1981), column 1, line 25.	5, 16, 27, 38

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search

07 August 2006 (07.08.2006)

Date of mailing of the international search report

29 AUG 2006

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

JOSE G. DEES

Telephone No. (571) 272-1607

Jose G. Dees

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/22318

Continuation of B. FIELDS SEARCHED Item 3:

EAST: US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

search terms: (alarm with (passive adj infrared)); alarm same sensitivit\$4; alarm same (sensitivit\$4 with select\$4); alarm and (remot\$4 with (sensitivit\$4 with select\$4)); bonarev.in. and vadim.in.; multi-stage with alarm with relay; fire with alarm with relay; alarm and glass and infrared and motion and temperature and asic and honeywell; burgler; (alarm with asic)