#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 9 February 2006 (09.02.2006) (10) International Publication Number WO 2006/014782 A3

(51) International Patent Classification: *H04M 11/04* (2006.01) *H04M 11/00* (2006.01)

(21) International Application Number:

PCT/US2005/025921

(22) International Filing Date: 21 July 2005 (21.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/899,835 27 July 2004 (27.07.2004) US

(71) Applicant (for all designated States except US): HONEY-WELL INTERNATIONAL, INC. [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

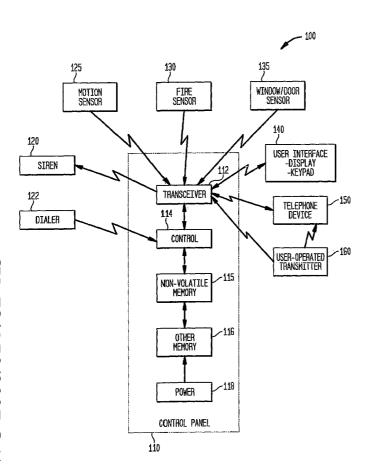
(72) Inventors; and

(75) Inventors/Applicants (for US only): TYROLER, Dan [US/US]; 37 Baker Hill Road, Great Neck, NY 11023 (US). JORDAN, Raymond J. [US/US]; 8 Rosedale Street, Holtsville, NY 11742 (US). **TYHACZ, John D.** [US/US]; 28 Schuyler Avenue, Rockville Centre, NY 11570 (US).

- (74) Agent: GROLZ, Edward W.; Scully, Scott, Murphy & Preser, 400 Garden City Plaza, Garden City, NY 11530 (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,

[Continued on next page]

(54) Title: REMOTE CONTROL OF A SPEAKER PHONE DEVICE AS A STANDALONE DEVICE OR AS PART OF A SECURITY SYSTEM



(57) Abstract: A telephone device such as a speaker phone or message recording device is remotely controlled either as a standalone device or as part of a security system. The telephone device can be controlled by a key fob or other user-operated transmitter that a user actuates to answer a call by speaker phone, end a call, place a call, or control functions of the message recording device such as playing back messages. The key fob transmits a wireless signal that is received and processed by a security system. In response, the security system controls the telephone device. The key fob may control security functions as well. In another approach, the key fob may control the telephone device directly without intervention of a security system. Or, the key fob may control the telephone device via a home automation network.

## WO 2006/014782 A3



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).

#### **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))

#### 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: $$17\ \mathrm{August}\ 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.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/25921

A. CLASSIFICATION OF SUBJECT MATTER IPC: H04M 11/04,11/00							
USPC: 379/37,102.10,37-51 According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIEL	B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) U.S.: 379/37, 102.10, 37-51							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet							
C. DOC	UMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.				
Y	US 2003/0190906 A1 (WINICK) 09 October 2003,	see entire document.	1-22				
Y	US 5,673,304 A (CONNOR et al) 30 September 19	97, see entire document.	1-22				
Y	US 2004/0086092 A1 (FEHR) 06 May 2004, see entire document.		12				
A	US 6,370,233 B1 (BENNETT, III et al) 09 April 2002, see entire document.		1-22				
Α	US 5,305,370 A (KEARNS et al) 19 April 1994, see entire document.		1-22				
A	US 4,918,717 A (BISSONNETTE et al) 17 April 1990, see entire document.		1-22				
Further	documents are listed in the continuation of Box C.	See patent family annex.					
	pecial categories of cited documents:	"T" later document published after the international filing date or priority					
	defining the general state of the art which is not considered to be	date and not in conflict with the application but cited to understand the principle or theory underlying the invention					
_	plication or patent published on or after the international filing	"X" document of particular relevance; the considered novel or cannot be considered step when the document is taken alone	red to involve an inventive				
	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive step combined with one or more other such being obvious to a person skilled in the	when the document is documents, such combination				
"O" document	t referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent					
"P" document published prior to the international filing date but later than the		)	·,				
	ctual completion of the international search	Date of mailing of the international search	ch report				
05 May 2006	(05.05.2006)	24 JUN 2006	111				
[	ailing address of the ISA/US	Authorized officer	10/0/				
	il Stop PCT, Attn: ISA/US nmissioner for Patents	RRISTA ZELE WAMA / /////					
P.O. Box 1450		Telephone No. (571) 272-7288	V VV V/				
Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		V 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7					

	INTERNATIONAL SEARCH REPORT	International application No. PCT/US05/25921	
-			
	Continuation of B. FIELDS SEARCHED Item 3: EAST USPGPUB;USPAT		-
	USFGF UB, USFAT		
	·		
	1		