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(12) **United States Patent**
Burke

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(54) **REMOTE ENTRY SYSTEM**

USPC 713/186
See application file for complete search history.

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 78 days.

5,109,428 A * 4/1992 Igaki et al. 382/125
5,933,515 A * 8/1999 Pu G06K 9/00006
340/5.53

This patent is subject to a terminal disclaimer.

(Continued)

FOREIGN PATENT DOCUMENTS

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WO WO 0212660 A1 * 2/2002
WO WO 02/095589 A1 11/2002

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OTHER PUBLICATIONS

(65) **Prior Publication Data**

Notice of Acceptance dated Sep. 18, 2012 for co-pending Australian Patent Office Application No. 2009201293 (3 pp.).

US 2012/0311343 A1 Dec. 6, 2012

(Continued)

Related U.S. Application Data

(63) Continuation of application No. 10/568,207, filed as application No. PCT/AU2004/001083 on Aug. 13, 2004, now Pat. No. 8,266,442.

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(30) **Foreign Application Priority Data**

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(57) **ABSTRACT**

A system is disclosed for providing secure access to a controlled item, the system comprising a database of biometric signatures, a transmitter subsystem comprising a biometric sensor for receiving a biometric signal, means for matching the biometric signal against members of the database of biometric signatures to thereby output an accessibility attribute, and means for emitting a secure access signal conveying information dependent upon said accessibility attribute, wherein the secure access signal comprises one of at least a rolling code, an encrypted Bluetooth™ protocol, and a WiFi™ protocol, and a receiver sub-system comprising means for receiving the transmitted secure access signal and means for providing conditional access to the controlled item dependent upon said information.

(51) **Int. Cl.**

H04L 29/06 (2006.01)
G07C 9/00 (2006.01)

(Continued)

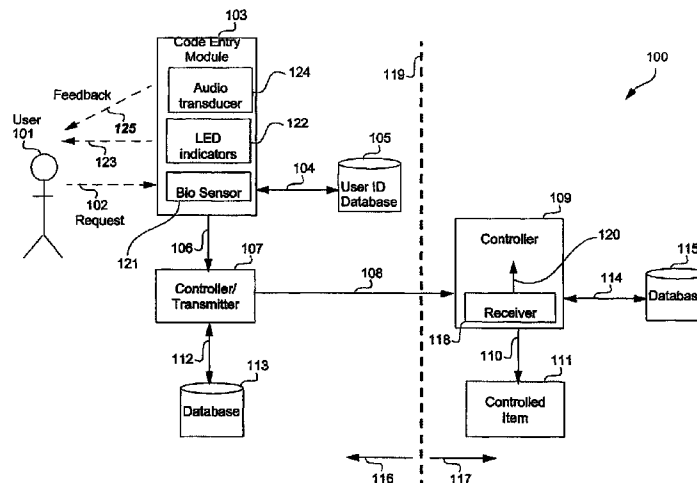
(52) **U.S. Cl.**

CPC **G07C 9/00158** (2013.01); **G06F 21/32** (2013.01); **G06F 21/35** (2013.01); **H04L 63/0861** (2013.01); **H04W 12/08** (2013.01); **H04W 84/12** (2013.01); **H04W 84/18** (2013.01)

(58) **Field of Classification Search**

CPC H04L 63/0861; G06F 21/32

13 Claims, 10 Drawing Sheets



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	G06F 21/32	(2013.01)	7,152,045	B2 *	12/2006	Hoffman	705/43
	G06F 21/35	(2013.01)	7,174,017	B2 *	2/2007	Bantz et al.	380/255
	H04W 12/08	(2009.01)	2002/0038818	A1	4/2002	Zingher et al.	
	H04W 84/12	(2009.01)	2003/0126439	A1	7/2003	Wheeler et al.	
	H04W 84/18	(2009.01)	2004/0042642	A1 *	3/2004	Bolle	G07C 9/00134 382/115

OTHER PUBLICATIONS

(56) **References Cited**
 U.S. PATENT DOCUMENTS

6,195,447	B1 *	2/2001	Ross	382/125
6,229,906	B1 *	5/2001	Pu et al.	382/116
6,992,562	B2 *	1/2006	Fuks et al.	340/5.52

Extended European Search Report for corresponding EP application No. 14188004 dated Apr. 22, 2015.
 Office Action for corresponding Canadian application No. 2,535,434 dated Mar. 27, 2015.

* cited by examiner

400

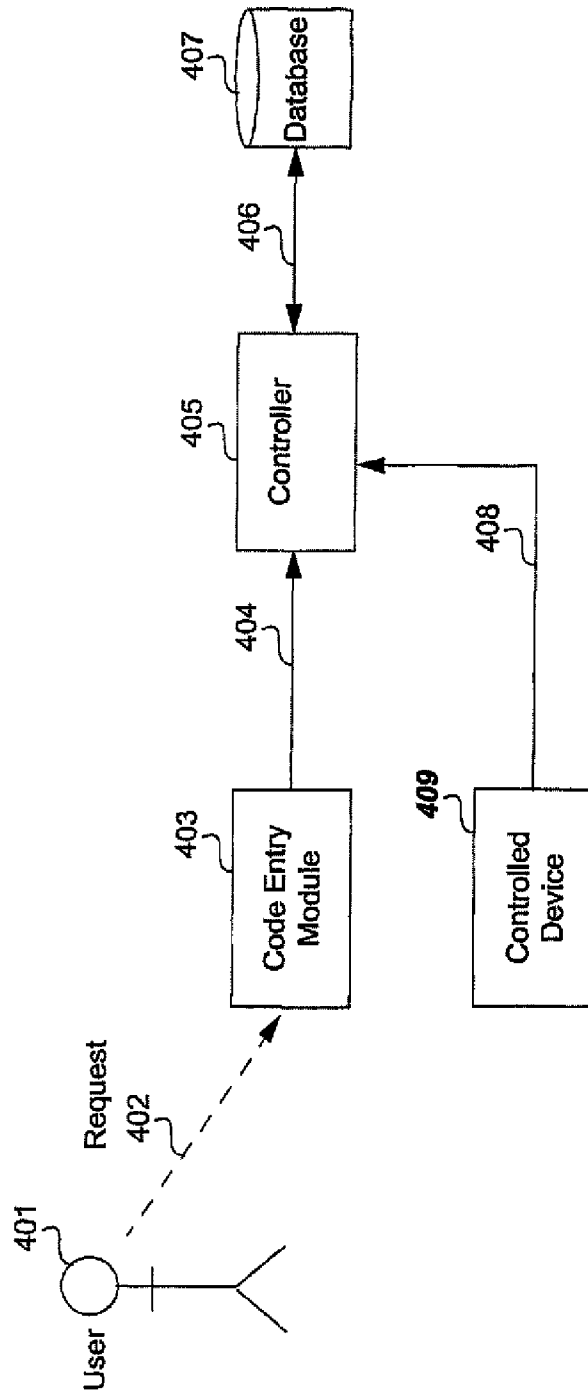


Fig. 1
(prior art)

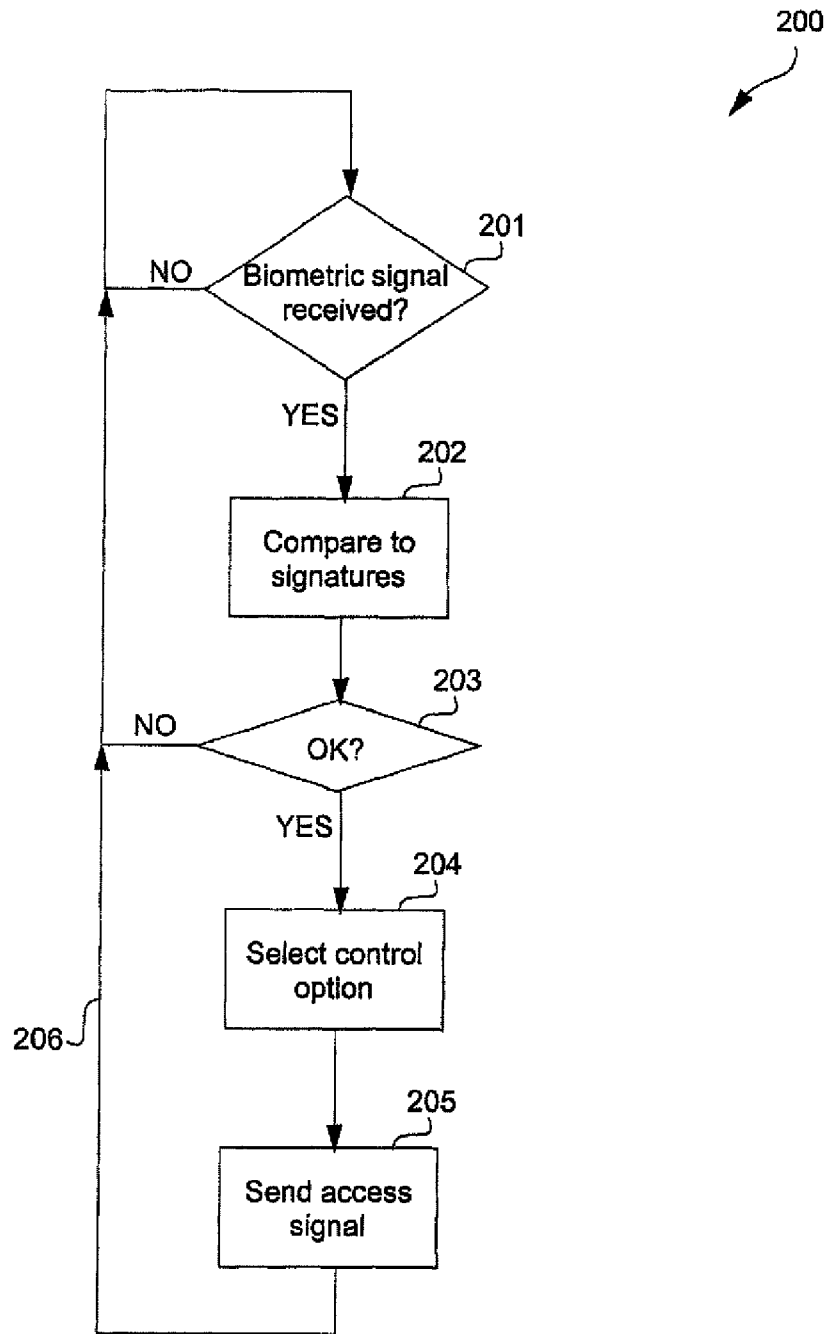


Fig. 3

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