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(12) **United States Patent**
Burke

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(54) **REMOTE ENTRY SYSTEM**

63/0861 (2013.01); *H04W 12/08* (2013.01);
H04W 84/12 (2013.01); *H04W 84/18*
(2013.01)

(71) Applicant: **Securicom (NSW) Pty. Ltd.**, Ramsgate,
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(58) **Field of Classification Search**

CPC G06F 21/32
See application file for complete search history.

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(56) **References Cited**

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235/379

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-
claimer.

(21) Appl. No.: **15/000,818**

OTHER PUBLICATIONS

(22) Filed: **Jan. 19, 2016**

Klosterman, Andrew J., and Gregory R. Ganger. "Secure continuous
biometric-enhanced authentication." (2000).*

(65) **Prior Publication Data**

US 2016/0132672 A1 May 12, 2016

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Related U.S. Application Data

(63) Continuation of application No. 13/572,166, filed on
Aug. 10, 2012, now Pat. No. 9,269,208, which is a
(Continued)

Primary Examiner — Shawchoy Rahman

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(30) **Foreign Application Priority Data**

Aug. 13, 2003 (AU) 2003904317

(57) **ABSTRACT**

A system is disclosed for providing secure access to a
controlled item, the system comprising a database of bio-
metric signatures, a transmitter subsystem comprising a
biometric sensor for receiving a biometric signal, means for
matching the biometric signal against members of the data-
base of biometric signatures to thereby output an accessi-
bility 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 compris-
ing 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.**

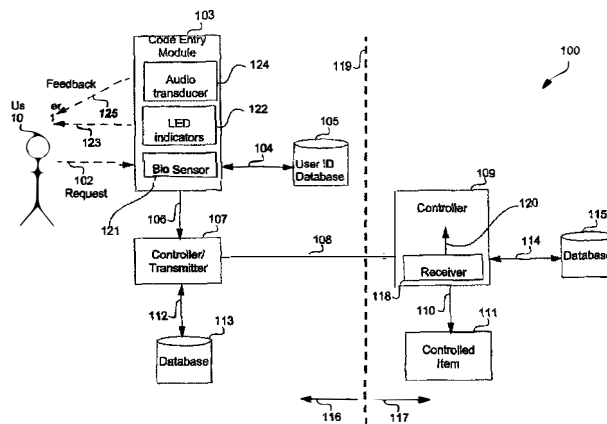
H04L 29/06 (2006.01)
G06F 21/32 (2013.01)
G06F 21/35 (2013.01)
G07C 9/00 (2006.01)
H04W 12/08 (2009.01)

(Continued)

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CPC *G06F 21/32* (2013.01); *G06F 21/35*
(2013.01); *G07C 9/00158* (2013.01); *H04L*

17 Claims, 10 Drawing Sheets



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Related U.S. Application Data

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

- (51) **Int. Cl.**
H04W 84/12 (2009.01)
H04W 84/18 (2009.01)

400

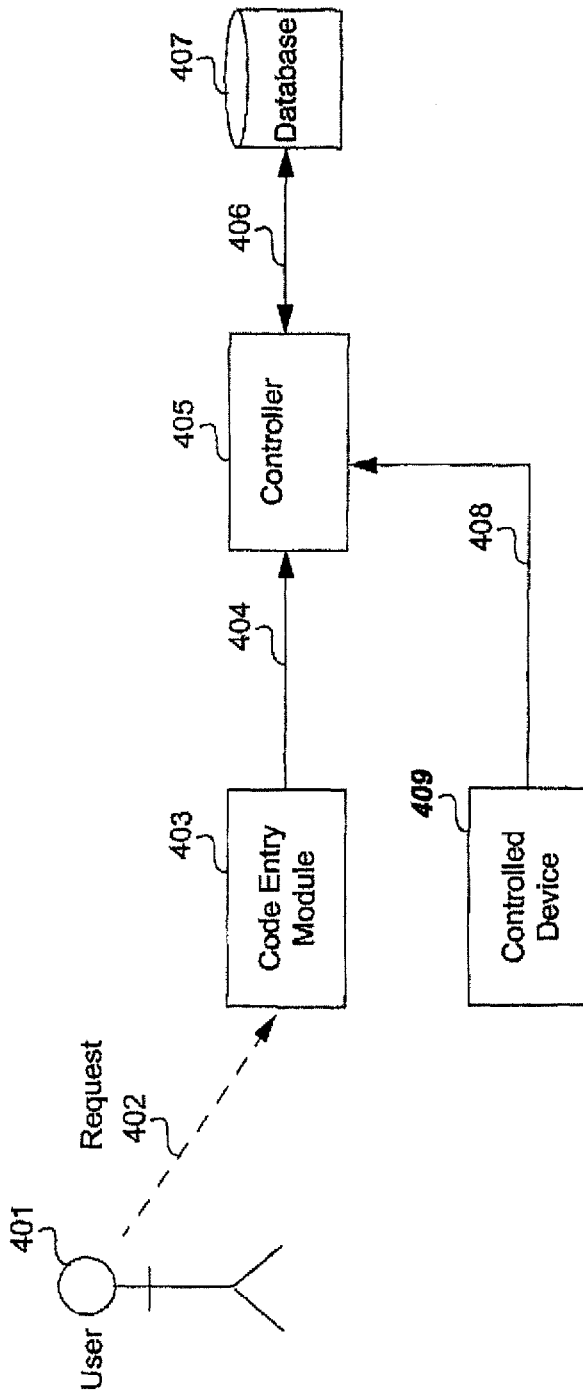


Fig. 1
(prior art)

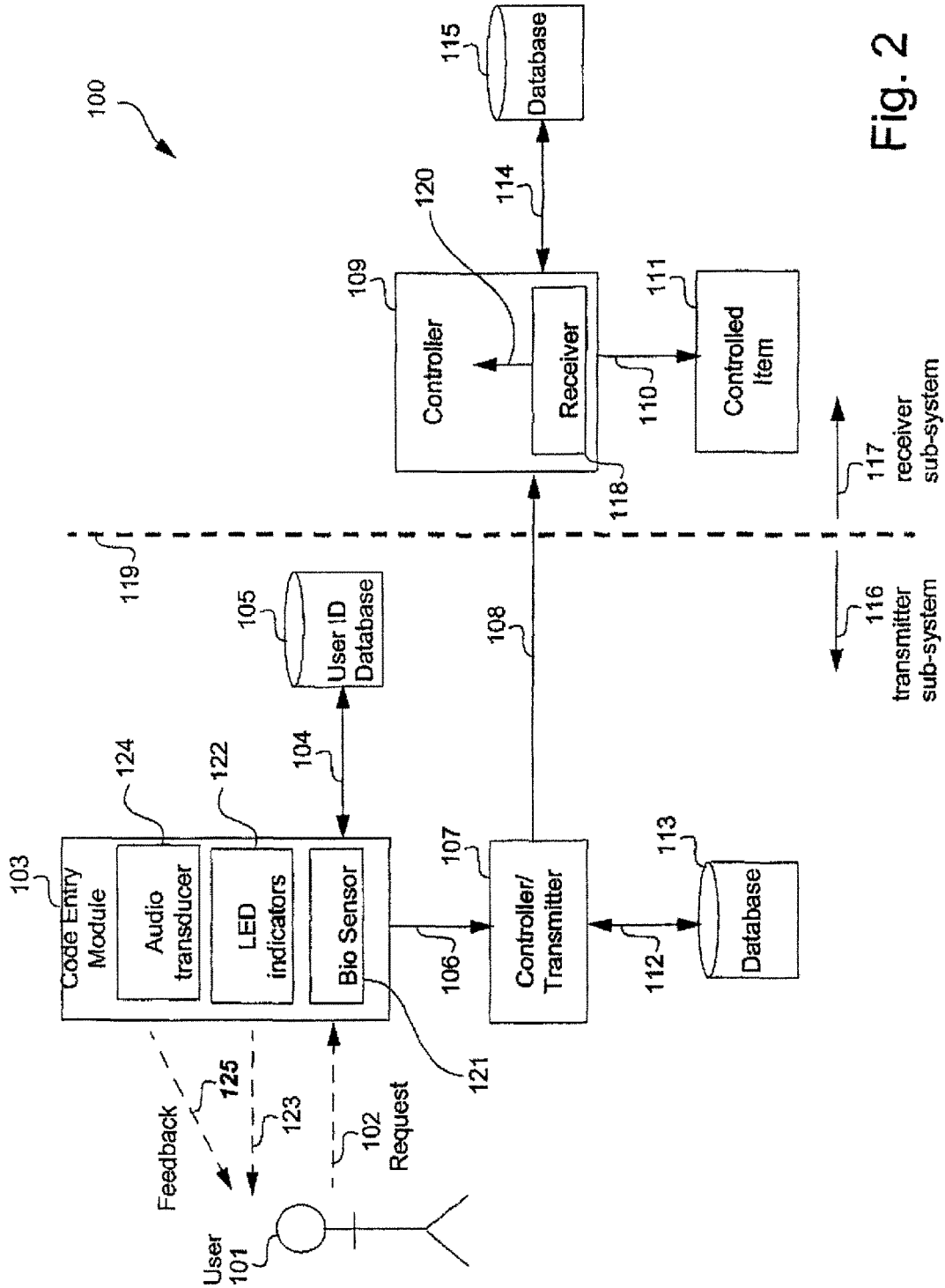


Fig. 2

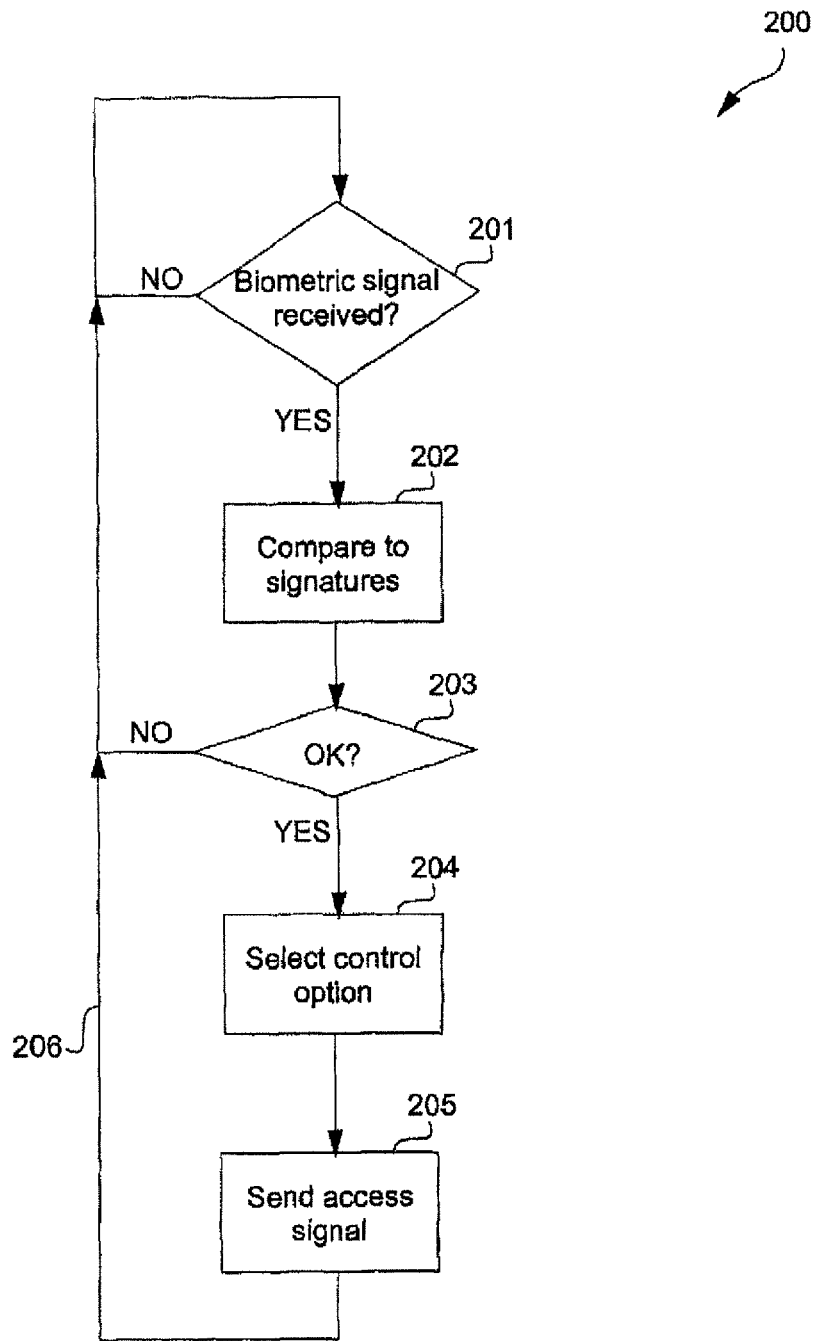


Fig. 3

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