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(71) Applicants and
(72) Inventors: **STANCO, Bart** [US/US]; 406 Rolling Hills Drive, Fairfield, CT 06824-7838 (US). **MAHDAVI, Merzhad** [US/US]; 1410 Cindywood, Houston, TX 77079 (US).

(74) Agent: **COURY, George, A.**; 900 Chapel Street, Suite 1201, New Haven, CT 06510 (US).

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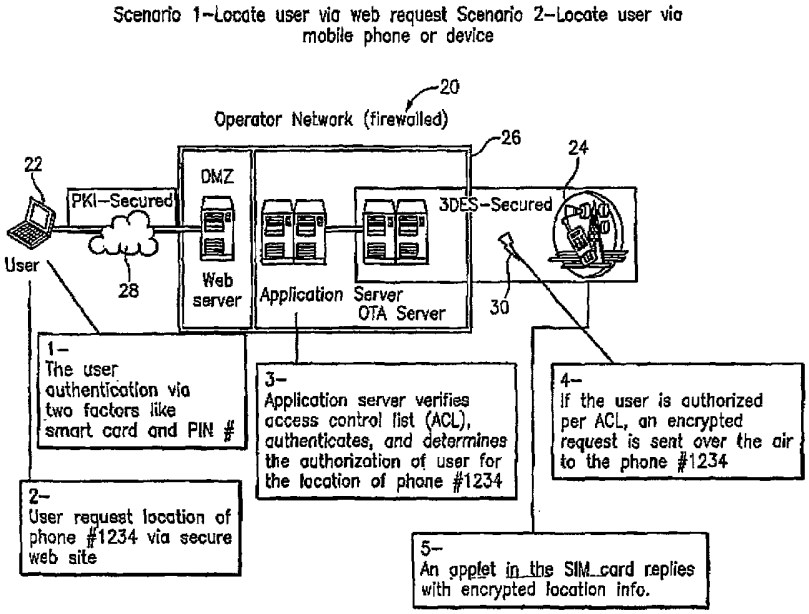
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVED PERSONAL COMMUNICATION DEVICES FOR SECURE COMMUNICATION AND LOCATING SYSTEM



(57) Abstract: A secure communication and locating system (20) includes a mobile communication device (24) adapted to communicate with a global positioning system and a cell triangulation system, a monitoring system (22) communicated with the mobile communication device and adapted for: determining authorization of a user (1, 3), determining location of the mobile communication device (2, 4) and providing location to a user determined to be authorized.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/17329

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **H04Q 7/20**(2006.01)

USPC: 455/456.1
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. : 455/456.1, 456.2, 456.3, 421, 411, 410, 406, 404.2; 342/450; 340/989

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. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P --- Y,P	US 2003/0117316 A1 (TISCHER) 26 June 2003 (26.06.2003), abstract, Figure 1, paragraphs 0011-0017.	1 --- 2-47
X,E --- Y,E	US 6,778,837 B2 (BADE et al) 17 August 2004 (17.08.2004), abstract, Figure 3, column 4.	1 --- 2-47
Y,P	US 2003/0139190 A1 (STEELBERG et al) 24 July 2003 (24.07.2003), abstract, Figure 2, paragraphs 0038-0048.	2-47
A,E	US 6,996,387 B2 (CHAN) 07 February 2006 (07.02.2006), abstract, Figures 3A, 7, 8B.	1-47
A,P	US 6,675,017 B1 (ZELLNER et al) 06 January 2004 (06.01.2004), abstract, Figure 3.	1-47

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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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
Eliseo Ramos-Feliciano

Telephone No. 571-272-6950

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INTERNATIONAL SEARCH REPORT

International application No.
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Continuation of B. FIELDS SEARCHED Item 3:
EAST text search.
Search Terms: triangulation, global positioning, GPS, location, tracking, secure, authentication