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(71) Applicant (for all designated States except US): CID-WAY TECHNOLOGIES LTD. [GB/GB]; Brentmead House, Britania Road, London N12 9RU (GB).

- (72) Inventor; and
- Inventor/Applicant (for US only): LABATON, Isaac, J. [IL/IL]; 955 Har Hargaman Str., 71908 Macabim (IL).
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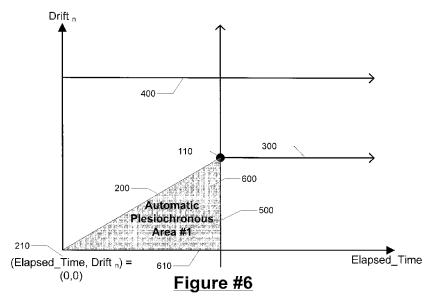
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(54) Title: A METHOD FOR MAINTAINING PLESIOCHRONOUS ENTITIES



(57) Abstract: Methods and system are provided such that a Client device can send a synchronization signal to a Server device, and the Server can make the necessary adjustments to maintain the two devices plesiochronous. Further, the server is provided with the capabilities to calculate the Client time. That is, the server is configured to perform the necessary steps, as per the methods of this invention, in order to be able to compute the Client's CTclient at any given opportunity. The system and methods that are provided allow the Server to distinguish between one particular client True-Client and a different entity pretending to be such client False-Client. The identification may be dynamic in order to avoid the possibility of impersonation of the True-Client by an eavesdropper.



INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04L 7/00 (2009.01)			
USPC - 375/356 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)			
USPC - 375/356			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 375/356, 364 (keyword limited, see terms below)			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(PGPB,USPT,EPAB,JPAB); Google. Search Terms Used: time, clock, synchronize, plesiochronous, plesiochronize drift, delay, deviate, offset, derivate, authentication, ID, identification, password, client, wireless, mobile, cell, cellular, PDA, portable, slave, reject, deny, server, zone, one time password, signal, segment, range, maximum			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
X	US 7,058,814 B1 (Zimmerman) 06 June 2006 (06.06.2006), entire document, especially; Fig. 1, 3, col. 4, ln 60-62, col. 5, ln 12-28, 57-66, col. 6, ln 31-37, col. 7, ln 11-29, col. 8, ln 12-67, col. 9, ln 4-23		1 - 10
А	US 6,295,541 B1 (Bodnar et al.) 25 September 2001 (25.09.2001), entire document		1 - 10
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Further documents are listed in the continuation of Box C.			
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to be of	to be of particular relevance the principle or theory underlying the invention		
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