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(54) Title: SECURITY FOR ELECTRONIC WAGER TRANSACTIONS

(57) Abstract: A method is provided for detecting when tampering has occurred on a wager or transaction by using a digital signature created using the transaction details while including one or more previous transactions and an optional control or marker transaction. The pattern of selecting previous transactions can be static or dynamically modifiable and control transactions may occur in a random or pre-determined scheme to create a known baseline for previous and future transactions.

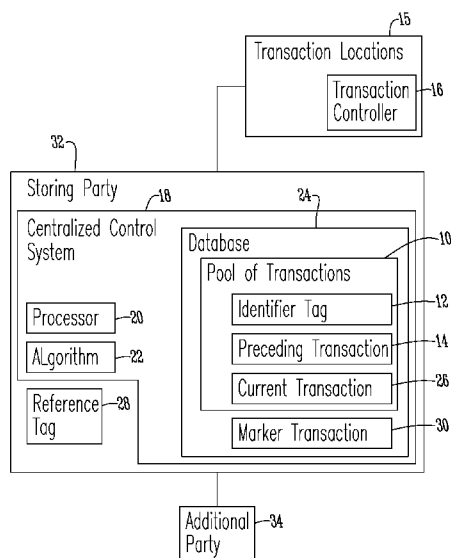


Fig. 3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 14/51980

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 11/30 (2014.01) CPC - G06F 21/86 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: 713/194; IPC(8): G06F 11/30 (2014.01); CPC: G06F 21/86 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 713/194; 705/64; 726/26 (Keyword limited; terms below); IPC(8): G06F 11/30 (2014.01) (Keyword limited; terms below); CPC: G06F 21/86; G06F 21/10; G06F 21/72 (Keyword limited; terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatBase; Google (Scholar, Patents, Web) identify detect tampering transaction pool group bundle plurality batch identifier tag verify reference tag compare hash signature symmetric asymmetric algorithm cryptography marker timestamp metadata benchmark sales period beginning end		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0299885 A1 (PAREEK et al.), 27 December 2007 (27.12.2007), entire document, especially Abstract; para [0008], [0031]-[0040], [0057], [0068], [0072], [0075]	1-5
Y	US 7,698,230 B1 (BROWN et al.), 13 April 2010 (13.04.2010), entire document, especially Abstract; col 12, ln 64 to col 13, ln 21; col 14, ln 26-45; col 16, ln 17 to col 17, ln 6	1-5
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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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: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774