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— of inventorship (Rule 4.17(iv))

(54) Title: THE METHOD FOR EXECUTING A DIGITAL VALUE TRANSFER TRANSACTION AND THE DIGITAL VALUE TRANSFER SYSTEM FOR ITS IMPLEMENTATION

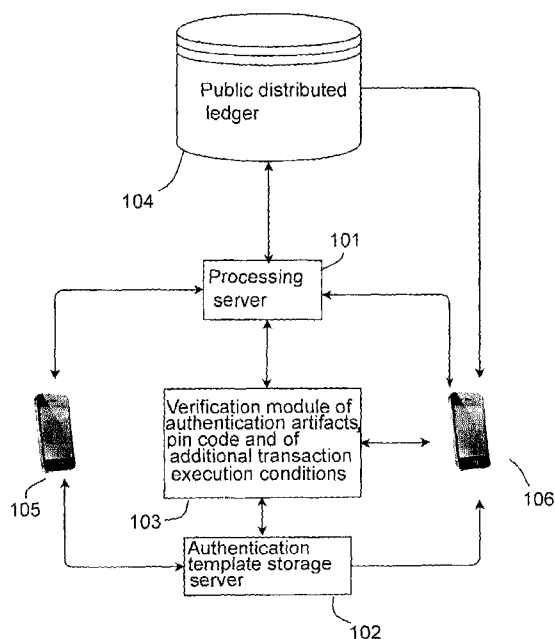


Fig. 1

(57) Abstract: The method for executing a digital value transfer transaction foresees entering (230, 430) by the payer the primary and secondary authentication artifacts specified by him/her and additional transaction execution conditions in the system. The primary authentication artifacts are created using a physical object. To complete the transaction, the recipient should enter (320, 520) the primary and secondary authentication artifacts specified by the payer and fulfill additional transaction execution conditions specified by the payer. The system for the method's implementation contains the processing server (101), authentication template storage server (102), verification module of authentication artifacts (103), and the public distributed ledger of transaction data (104).



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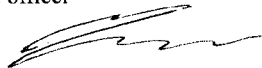
- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC: G06Q20/38; G06Q20/40; G06Q20/32 CPC: G06Q20/385, G06Q20/405, G06Q20/4012, G06Q20/4016 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) EPOQUE Net		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2016071097 A1 (SILOUET INC [US]) 10 March 2016 (2016-03-10)	1-19
Y	WO 2016186869 A1 (MASTERCARD INTERNATIONAL INC [US]) 24 November 2016 (2016-11-24)	1-19
Y	WO 2017066002 A1 (BANQU INC [US]) 20 April 2017 (2017-04-20)	1-19
Y	US 2008140531 A1 (WESTERN UNION CO [US] ET AL) 12 June 2008 (2008-06-12)	1-19
Y	US 2016162873 A1 (ZHOU DYLAN T X [US] ET AL) 09 June 2016 (2016-06-09)	1-19
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 07 November 2017 (07.11.2017)		Date of mailing of the international search report 16 November 2017 (16.11.2017)
Name and mailing address of the ISA/ UA The State Enterprise "Ukrainian Intellectual Property Institute" 1 Hlazunova Str., Kyiv-42, 01601, Ukraine Facsimile No. +380 (44) 494-05-06		Authorized officer  I. BOITSOVA Telephone No. +380 (44) 494-05-72

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Information on patent family members

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Patent document, cited in the search report	Publication date	Patent family member(s)	Publication date
US 2016071097 A1	2016-03-10	None	
WO 2016186869 A1	2016-11-24	US 2016342978 A1	2016-11-24
WO 2017066002 A1	2017-04-20	None	
US 2008140531 A1	2008-06-12	AU2002254293 A1	2002-10-15
		CA 2443220 A1	2002-10-10
		EP 1629426 A2	2006-03-01
		EP 1700259 A2	2006-09-13
		US 2002143566 A1	2002-10-03
		US 7092916 B2	2006-08-15
		WO 02079926 A2	2002-10-10
		WO 02079939 A2	2002-10-10
		WO 2004107096 A2	2004-12-09
US 2016162873 A1	2016-06-09	CN 104781841 A	2015-07-15
		CN 104995545 A	2015-10-21
		EP 2896001 A1	2015-07-22
		IN 3115DEN2015 A	2015-10-02
		US D799374 S	2017-10-10
		WO 2013064986 A1	2013-05-10
		WO 2014064549 A1	2014-05-01
		WO 2015170253 A1	2015-11-12
		WO 2017137888 A1	2017-08-17