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(71) Applicant: **VISA INTERNATIONAL SERVICE ASSOCIATION** [US/US]; P.O. Box 8999, San Francisco, California 94128-8999 (US).

(72) Inventors: **LAVENDER, Phillip**; 1111 Lord Nelson Ln., Foster City, California 94404 (US). **MODI, Vikram**; 3723 Crestmont Pl., Lafayette, CA 94549 (US). **POWELL,**

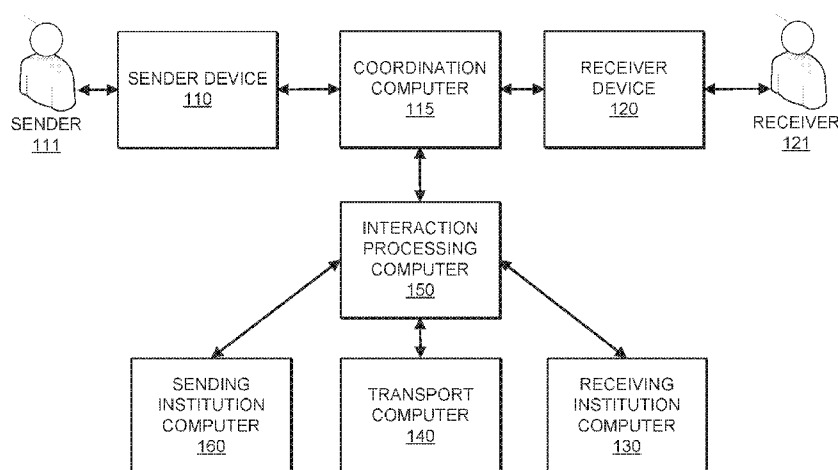
Glenn Leon; 47830 Maya Street, Fremont, California 94539 (US).

(74) Agent: **MILLER, Patrick B.** et al.; KILPATRICK, TOWNSEND & STOCKTON LLP, Mailstop: IP Docketing - 22, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia 30309 (US).

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(54) Title: VALIDATION CRYPTOGRAM FOR INTERACTION



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FIG. 1

(57) Abstract: A method for validating an interaction is disclosed. A first interaction cryptogram can be generated by a first device using information about a first party to the interaction and a second party to the interaction. A second interaction cryptogram can be generated by a second device also using information about the first party to the interaction and the second party to the interaction. Verifying each cryptogram can validate that the interaction details have not been changed, and that both the first party and second party legitimately authorized the interaction.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
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A. CLASSIFICATION OF SUBJECT MATTER**G06F 21/60(2013.01)i, H04L 9/08(2006.01)i**

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)

G06F 21/60; G06Q 20/36; G06Q 20/40; G06Q 20/20; G06Q 30/00; G07F 19/00; G06Q 20/32; G06Q 40/00; G06Q 20/00; H04L 9/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: receiver information, interaction details, first cryptogram, verify, interaction request, server, coordinator, interaction confirmation request, interaction confirmation response

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2016-0019533 A1 (MASTERCARD ASIA PACIFIC PTE. LTD.) 21 January 2016 See paragraphs [0030]-[0050], [0074]-[0080]; claims 1, 8, 11; and figures 1, 4.	1, 2, 6, 7, 11, 12, 16, 17
A		3-5, 8-10, 13-15, 18-20
Y	US 2013-0132283 A1 (ROBERT HAYHOW et al.) 23 May 2013 See paragraphs [0050]-[0095]; and figures 5-7.	1, 2, 6, 7
Y	US 2008-0189186 A1 (JUN-WON CHOI et al.) 07 August 2008 See paragraphs [0060]-[0131]; and figures 3-5.	11, 12, 16, 17
A	US 2007-0228148 A1 (GREG RABLE) 04 October 2007 See paragraphs [0024], [0043]-[0047]; and figures 1, 5A.	1-20
A	US 2014-0089205 A1 (SHASHI KAPUR et al.) 27 March 2014 See paragraphs [0064]-[0066]; and figure 4.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

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International Application Division

Korean Intellectual Property Office

189 Cheongsa-ro, Seo-gu, Daejeon, 35208, Republic of Korea

Facsimile No. +82-42-481-8578

Authorized officer

CHIN, Sang Bum

Telephone No. +82-42-481-8398



INTERNATIONAL SEARCH REPORT

Information on patent family members

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