CORRECTED VERSION*

9902606-4

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
G07F 19/00, G06F 17/60, G07F 7/08

A3

(11) International Publication Number: WO 98/26385

(43) International Publication Date: 18 June 1998 (18.06.98)

(21) International Application Number: PCT/US97/22136

(22) International Filing Date: 11 December 1997 (11.12.97)

(30) Priority Data:
08/767,257 13 December 1996 (13.12.96) US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application
US 08/767,257 (CON)
Filed on 13 December 1996 (13.12.96)

(71) Applicant *(for all designated States except US)*: CERTCO, LLC [US/US]; 280 Park Avenue, New York, NY 10017 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: ASAY, Alan [US/US]; 252 Douglas Street, Salt Lake City, UT 84102 (US). TURNER, Paul, A. [US/US]; 1586 East Stanley Drive, Sandy, UT 84093 (US). SUDIA, Frank, W. [US/US]; 4 Warren Terrace, Newtron Centre, MA 02159 (US). ANKNEY, Richard [US/US]; 13506 King Charles Drive, Chantilly, VA 22021 (US).

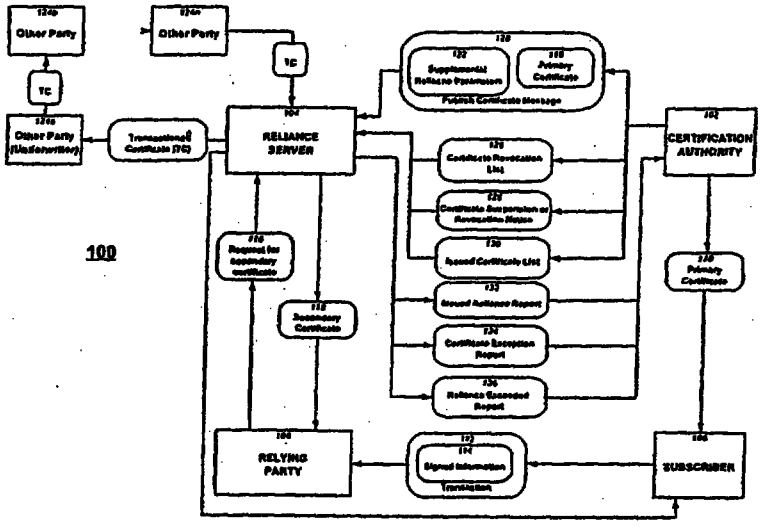
(74) Agents: LAZAR, Dale, S. et al.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

**Published**
*With international search report.*
*Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*

(88) Date of publication of the international search report:
27 August 1998 (27.08.98)

(54) Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM




(57) Abstract

Managing reliance in an electronic transaction system includes a certification authority issuing to a subscriber an attestation of a binding of at least one public key of the subscriber to at least one attribute, and forwarding to a reliance server, information about the issued attestation. The reliance server maintains the forwarded information about issued attestation. The subscriber forms a transaction and then provides the transaction to a relying party. The transaction includes the attestation or a reference thereto. The relying party sends to the reliance server a request for assurance based on the transaction received from the subscriber. The reliance server determines whether to provide the requested assurance based on the information about the issued attestation and on the requested assurance. Based on the determining, the reliance server issues to the relying party an authorization message providing the assurance to the relying party.

*(Referred to in PCT Gazette No. 38/1998, Section II)