

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

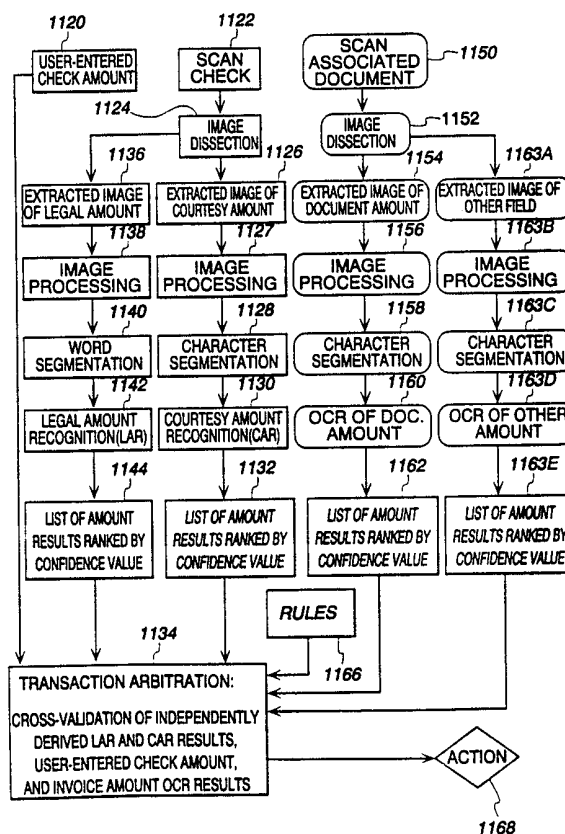
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(21) International Application Number: PCT/US99/15446 (22) International Filing Date: 8 July 1999 (08.07.99) (30) Priority Data: 09/113,913 10 July 1998 (10.07.98) US (71) Applicant: CAPITAL SECURITY SYSTEMS, INC. [US/US]; 6171 North Sheridan Road, Chicago, IL 60660 (US). (72) Inventors: GUSTIN, Robin, Haley; 6171 North Sheridan Road, Chicago, IL 60660 (US). LIVINGSTON, Troy, W.; 501 Pfingsten, Northbrook, IL 60062 (US). PARK, Namsoo; 2232 Kensington Drive, Schaumburg, IL 60194 (US). SHEKOORY, Nabil; 6811 North Lakewood 2E, Chicago, IL 60626 (US). (74) Agents: SAMPLES, Kenneth, H. et al.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 S. LaSalle Street, Chicago, IL 60603-3406 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 27 April 2000 (27.04.00)	

(54) Title: AUTOMATED DOCUMENT CASHING SYSTEM

(57) Abstract

An automated document cashing system is provided with an automated machine that cashes monetary transaction documents such as checks, money orders, and that makes deposit entries into the bank account of the user after validation of the user and monetary transaction document, without the aid of a bank teller. Validation of the document involves validating the presence of a signature; validating (1134) the amount of the monetary transaction including a manual entry of the amount by the user; validating character amount recognition (1130) against the legal amount recognition (1144); and validating the banking system parameters and rules for the customer and/or the transaction.

Detail of LAR and CAR Arbitration Procedures



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/15446

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : G06F 17/60

US CL : 705/43

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)

U.S. : Please See Continuation Sheet

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3,648,020 A (TATEISI et al.) 07 MARCH 1972 see Abstract	1-102
A	US 4,023,013 A (KINKER) 10 MAY 1977 see Abstract	1-102
A	US 4,134,537 A (GLASER et al.) 16 JANUARY 1979 see Abstract; Figs. 3-4	1-102
A	US 4,617,457 A (GRANZOW et al.) 14 OCTOBER 1986 see Abstract; Figs. 1, 4, 5; cols. 5-7	1-102
A	US 4,729,128 A (GRIMES et al.) 01 MARCH 1988 see Abstract	1-102
A	US 5,233,547 A (KAPP et al.) 03 AUGUST 1993 see Abstract; Figs. 2, 4; 5B; cols. 6-7	1-102

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/15446

Continuation of B. FIELDS SEARCHED Item 1: U.S. 705/30, 33, 34, 35, 39, 40, 41, 42, 43, 45; U.S. 235/379, 380; U.S. 382/112, 119, 135, 137, 138, 139, 140; U.S. 109/24.1; U.S. 194/206; U.S. 379/93.12

Continuation of B. FIELDS SEARCHED Item 3: APS
search terms: legal amount recognition, character amount recognition, LAR, CAR, signature, check, cheque, cheque