

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 May 2006 (26.05.2006)

PCT

(10) International Publication Number
WO 2006/055046 A3

- (51) International Patent Classification:
G06Q 40/00 (2006.01)
- (21) International Application Number:
PCT/US2005/021328
- (22) International Filing Date: 16 June 2005 (16.06.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/989,956 16 November 2004 (16.11.2004) US
- (71) Applicant (for all designated States except US): SUP-
PLYSCAPE CORPORATION [US/US]; 201 Broadway,
Third Floor, Cambridge, MA 02139 (US).

- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SPELLMAN, Peter
[US/US]; 41 Tilden Commons Drive, Quincy, MA 02171
(US). DAHOD, Shabbir [US/US]; 19 Pipers Glen, An-
dover, MA 01810 (US). DEUS, Lucia [US/US]; 15 Saran
Avenue, Bedford, MA 01730 (US). LECKBAND, Craig
[US/US]; 56 Wildwood Drive, Bedford, MA 01730 (US).
WELLINGTON, Sean [US/US]; 43 River Avenue, New-
ton, MA 02464 (US).

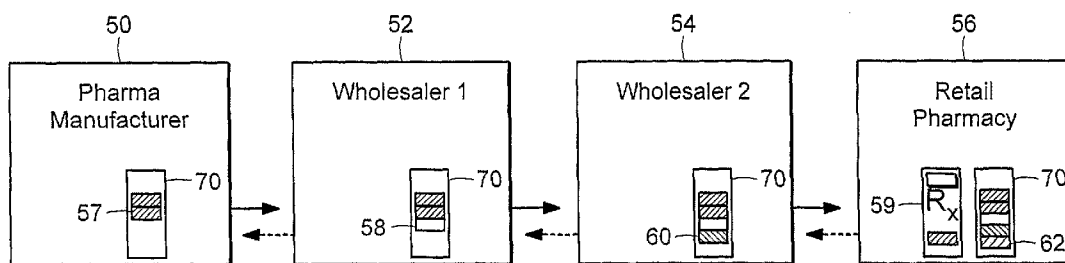
- Published:**
- with international search report
 - before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

- (88) Date of publication of the international search report:
12 April 2007

- (74) Agents: VALLABH, Rajesh et al.; Wilmer Cutler Picker-
ing Hale and Dorr LLP, 60 State Street, Boston, MA 02109
(US).

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ELECTRONIC CHAIN OF CUSTODY METHOD AND SYSTEM



- (57) Abstract: Methods and systems are provided for maintaining a chain of custody record for the handling of an item transferred among a plurality of custodians. A system in accordance with one or more embodiments can include a plurality of computers operable by the custodians. The system also includes an electronic form transferable among the computers. The form is transferred from a computer operated by one custodian to a computer operated by another in correspondence with the transfer of the item from the custodian to the other. The form identifies the item and includes space for entry of information by each custodian handling the item. The information entered by the custodians includes an identification of the custodian and a digital signature of the custodian authenticating the item. At least some of the information entered by a custodian is unalterable by another custodian.

WO 2006/055046 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/21328

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G06Q 40/00(2006.01)**

USPC: 705/28,35;707/10
 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. : 705/28, 35; 707/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,584,466 B1 (SERBINIS et al) 24 June 2003 (24.06.2003), column 4, line 17 thru column 19, line 44.	1-42
Y	US 6,496,806 B1 (HORWITZ et al) 17 December 2002 (17.12.2002), column 6, line 9 thru column 13, line 7.	1-42
Y	US 6,778,872 B2 (JORGENSEN et al) 17 August 2004 (17.08.2004), column 3, line 27 thru column 13, line 39.	1-42

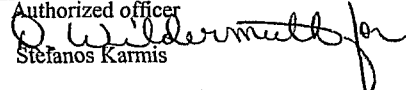
Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T"
"A" document defining the general state of the art which is not considered to be of particular relevance	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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
 18 September 2006 (18.09.2006)

Date of mailing of the international search report
21 FEB 2007

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

 Stefanos Karmis
 Telephone No. (571) 272-6744