

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 April 2010 (22.04.2010)

(10) International Publication Number
WO 2010/045122 A3

- (51) **International Patent Classification:**
G06Q 10/00 (2006.01)
- (21) **International Application Number:**
PCT/US2009/060226
- (22) **International Filing Date:**
9 October 2009 (09.10.2009)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
12/252,265 15 October 2008 (15.10.2008) US
- (71) **Applicant (for all designated States except US):**
VERISAE, INC. [US/US]; 100 North Sixth Street, Suite 710A, Minneapolis, Minnesota 55403 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **MCCONNELL, Robert S.** [US/US]; 2363 Mathias Road, Shakopee, Minnesota 55379 (US). **HEPPERLA, Paul** [US/US]; 321 Bluff Road, Carver, Minnesota 55315 (US). **JOHNSON, Daniel T.** [US/US]; 2505 Willow Drive, Medina, Minnesota 55340 (US).
- (74) **Agents:** **SOLBERG, Sean** et al.; 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, Minnesota 55402-3901 (US).
- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- Published:**
- 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))
- (88) **Date of publication of the international search report:**
2 September 2010

(54) **Title:** METHOD AND SYSTEM FOR TRACKING AND MANAGING DESTRUCTION, RECONSTITUTION, OR RECLAMATION OF REGULATED SUBSTANCES

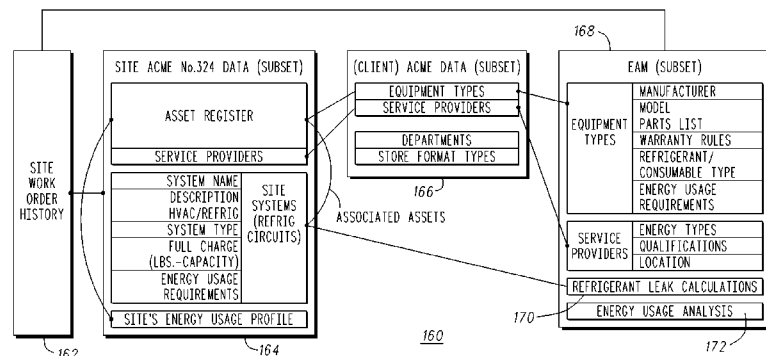


Fig. 8

(57) **Abstract:** Various embodiments of methods and systems described herein relate to tracking and/or managing the destruction, reconstitution, or reclamation of regulated substances, including, in certain embodiments, tracking the associated GHG emissions and carbon valuation.

WO 2010/045122 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 09/60226

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06Q 10/00 (2010.01)

USPC - 705/308

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)

IPC: G06Q 10/00 (2010.01)

USPC: 705/308

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IPC: G06Q 10/00 (2010.01); USPC: 705/7; 705/1.1; 705/308; 707/999.01; 707/E17.009; 707/E17.01; 707/E17.032 (keyword limited; terms below)Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
pubWEST(USPT,PGPB,EPAB,JPAB,USOCR); Google(Web); Search terms used: energy emission carbon tracking regulating monitoring audit management substance material hazardous chemical toxic waste destruction disposal enterprise business federal agency verification transportation handling report impact reduce conserve optimize policy rule compliance

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0260405 A1 (McConnell et al.) 08 November 2007 (09.11.2007), entire document especially Fig. 3; para [0018]-[0031], [0053]-[0062], [0073], [0075], [0081]-[0093]	1-19
Y	US 2008/0040390 A1 (Oves et al.) 14 February 2008 (14.02.2008), para [0037], [0038], [0050]-[0052][0025], [0051]	1-19
Y	US 2008/0177605 A1 (Zimmerman) 24 July 2008 (25.07.2008), para [0023], [0030]	6, 7, 12-14, 18

 Further documents are listed in the continuation of Box C.

* 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

25 June 2010 (25.06.2010)

Date of mailing of the international search report

12 JUL 2010

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:

Lee W. Young

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774