

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
11 January 2007 (11.01.2007)

PCT

(10) International Publication Number  
**WO 2007/004068 A3**

(51) International Patent Classification:  
**G06Q 40/00** (2006.01)

(21) International Application Number:  
PCT/IB2006/002425

(22) International Filing Date: 23 June 2006 (23.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/693,864 24 June 2005 (24.06.2005) US  
11/425,927 22 June 2006 (22.06.2006) US

(71) Applicant and

(72) Inventor: MC ATAMNEY, Pauline [NZ/NZ]; Waimarie  
No. 21 R.d., Geraldine (NZ).

(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, HN, HR, HU, ID, IL, IN, IS, JP,  
KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,  
LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA,  
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC,  
SD, SE, SG, SK, SL, SM, 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, HU, IE, IS, IT, LT, LU, LV, 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).

Published:

— with international search report

(88) Date of publication of the international search report:  
16 April 2009

(54) Title: INTERACTIVE ASSET DATA VISUALIZATION GUIDE

(57) Abstract: A data visualization method for guiding investment based on market data involves graphically displaying market-related information by arranging a plurality of regions, each representing a component of a universe, in one of multiple interrelated areas, and selecting a reference position based upon a user preference for indicating to a user the advantageousness of investing in a particular component of the universe based upon position of the region corresponding to the particular component relative to the reference position.



WO 2007/004068 A3

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB06/02425

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G06Q 40/00( 2006.01)

USPC: 705/35,36R

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. : 705/35,36R

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)  
JSTOR, Google, ProQuest

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,601,044 B1 (WALLMAN) 29 July 2003 (29.07.2003), figures 1, 4-5, 13, column 29 line 58 - column 30 line 26, column 13 line 62 - column 14 line 28).	1, 6-14, 29-34, 36, 37, 39
X	US Patent Application Publication No. 2005/0027632 A1 (ZEITOUN et al.) 3 February 2005 (3.02.2005), figures 8, 10, paragraphs 45 and 102.	1, 6-14, 29-34, 36, 37, 39



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"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

21 June 2008 (21.06.2008)

Date of mailing of the international search report

08 AUG 2008

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

Alexander Kalinowski

Telephone No. 571-272-3600

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB06/02425

Continuation of Box II Reason 2:

Claim 38 is objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because claim 38 is indefinite for the following reason(s): it is not clear what a Type A wheel is, and therefore no reasonable search could be conducted because all claim limitations depend on the Type A wheel.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB06/02425

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 38  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
Please See Continuation Sheet
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.