

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
17 July 2008 (17.07.2008)

PCT

(10) International Publication Number  
**WO 2008/085677 A3**

(51) International Patent Classification:  
G06T 11/60 (2006.01) G06F 17/30 (2006.01)

(21) International Application Number:  
PCT/US2007/088105

(22) International Filing Date:  
19 December 2007 (19.12.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
11/620,887 8 January 2007 (08.01.2007) US

(71) Applicant (for all designated States except US):  
RAYTHEON COMPANY [US/US]; 870 Winter Street,  
Waltham, MA 02451-1449 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOSHAK, Richard, L.** [US/US]; 6513 Dewitt Road, Sachse, TX 75048 (US). **CAMP, Christopher, M.** [US/US]; 6643 Shady Hill Circle, Princeton, TX 75407 (US).

(74) Agent: **WILLIAMS, Bradley, P.;** Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

**Declarations under Rule 4.17:**

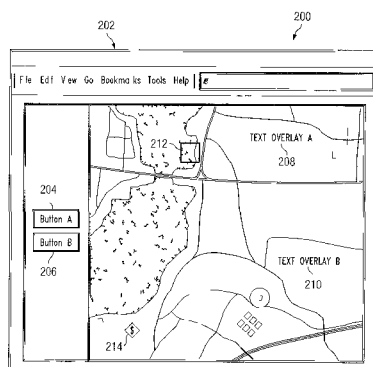
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

**Published:**

- with international search report

(88) Date of publication of the international search report:  
25 September 2008

(54) Title: METHOD AND SYSTEM FOR MANIPULATING GRAPHICAL IMAGES



(57) Abstract: According to one embodiment of the disclosure, a method for manipulating graphical images includes providing a browser that renders a graphical image on a display. The browser includes a JavaScript engine that uses one or more Asynchronous JavaScript and XML requests to interact with a graphical image manager. The graphical image manager retrieves the graphical image from a database. The method also includes adding one or more annotations to the graphical image. The method further includes storing the one or more annotations and the graphical image in the database.

WO 2008/085677 A3

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2007/088105

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. G06T11/60 G06F17/30

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)  
G06T G06F

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 practical, search terms used)

EPO-Internal , INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2006/125271 A (DAMIT AUSTRALIA PTY LTD [AU]; FLYNN ASHLEY JOHN [AU]; READ BRENDAN ALE) 30 November 2006 (2006-11-30)	1,3-8, 10-15, 17-22
X	pages 4-6,13-14	2,9,16
Y	ADOBE SYSTEMS INC.: "Adobe Photoshop CS User Guide" 1 October 2003 (2003-10-01), ADOBE SYSTEMS INC. , XP002484279 pages 22,33,40-48,137-144	1,3-8, 10-15, 17-22
Y	US 2005/270311 A1 (RASMUSSEN JENS E. [US] ET AL RASMUSSEN JENS EILSTRUP [US] ET AL) 8 December 2005 (2005-12-08) pages 3-8,10; figure 27	1-22
	-/--	

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
- "E<sup>1</sup>" earlier document 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<sup>1</sup>" 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<sup>1</sup>" 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.
- "&<sup>1</sup>" document member of the same patent family

Date of the actual completion of the international search

17 June 2008

Date of mailing of the international search report

08/07/2008

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Krawczyk, Grzegorz

INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/088105

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/161586 A1 (TIERNEY TIMOTHY [US]) 20 July 2006 (2006-07-20) pages 1-2	1-22
P, X	EICK S G ET AL: "GeoBoost(TM): an AJAX web 2.0 collaborative geospatial visualization framework" 2007 IEEE AEROSPACE CONFERENCE IEEE PISCATAWAY, NJ, USA, 2007, pages 1-10, XP002484278 ISBN: 1-4244-0525-4 pages 1-3; figure 1	1-22
A	SAYAR A ET AL: "Integrating AJAX Approach into GIS Visualization Web Services" TELECOMMUNICATIONS, 2005. AICT-ICIW '06. INTERNATIONAL CONFERENCE ON INTERNET AND WEB APPLICATIONS AND SERVICES/ADVANCED INTERNATIONAL CONFERENCE ON GUADELOPE, FRENCH CARIBBEAN 19-25 FEB. 2006, PISCATAWAY, NJ, USA, IEEE, 19 February 2006 (2006-02-19), pages 169-169, XP010898492 ISBN: 978-0-7695-2522-8 the whole document	1-22
A	US 2005/104894 A1 (SANBORN FRANK G [US] ET AL SANBORN FRANK G [US] ET AL) 19 May 2005 (2005-05-19) the whole document	1-22

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No <b>PCT/US2007/088105</b>
--

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2006125271 A	30-11-2006	NONE	
<hr/>			
us 2005270311 A1	08-12-2005	US 2006206264 A1	14-09-2006
		US 2006139375 A1	29-06-2006
		US 2007096945 A1	03-05-2007
<hr/>			
us 2006161586 A1	20-07-2006	US 2006167937 A1	27-07-2006
		WO 2006078565 A2	27-07-2006
<hr/>			
us 2005104894 A1	19-05-2005	US 2005146533 A1	07-07-2005
		US 6999101 B1	14-02-2006
<hr/>			