



(43) International Publication Date
12 December 2013 (12.12.2013)

- (51) International Patent Classification:
G06Q 50/20 (2012.01) *G06F 21/62* (2013.01)
G06F 17/30 (2006.01)
- (21) International Application Number:
PCT/US2013/030106
- (22) International Filing Date:
11 March 2013 (11.03.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/489,002 5 June 2012 (05.06.2012) US
- (71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3m Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) Inventor: **MOORE, Matthew, D.**; 3m Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) Agents: **VAN VLIET, Emily, M.** et al.; 3m Center Office Of Intellectual, Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (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, BN, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, 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(ii))

[Continued on next page]

(54) Title: IN-LIBRARY LENDING ACTIVATION

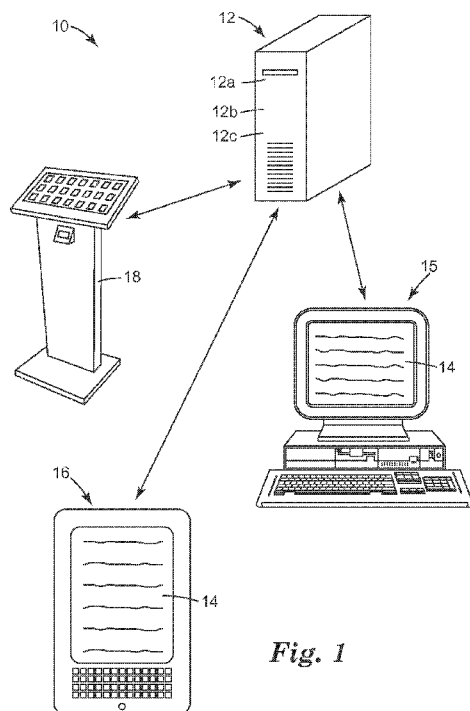


Fig. 1

(57) Abstract: An electronic book (ebook) lending system for requiring at-library book activation. The lending system includes a central system for managing and hosting ebooks, the central system including a storage device and a processor to control a user interface that enables a user to interact with the central system. The central system also includes an access device for activating ebooks at the library. A user may reserve an ebook through the user interface accessed by a remote user device or a library device. The content of the ebook is inaccessible to the user until the ebook is activated, wherein a user may activate the ebook by providing user identification information to the access device, and after the ebook is activated, the user may access the content of the ebook remotely. The present disclosure further includes an ebook lending system for incentivizing library visits by patrons and a digital content lending system for requiring at-library digital content activation.



— as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))

— 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))

Published:

— with international search report (Art. 21(3))

(88) Date of publication of the international search report:

15 May 2014

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2013/030106

A. CLASSIFICATION OF SUBJECT MATTER

G06Q 50/20 (2012.01) G06F 17/30 (2006.01) G06F 21/62 (2013.01)

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)

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)

Google Scholar, Google Web, WPI, IPC G06Q, G06F with keywords: (ebook, electronic book, digital content, magazine, newspaper, user, patron, library, archive, repository, loan, borrow, lend, download, server, activate, authorize, decrypt, check out, permit, scan, tag, swipe, card, barcode, presence, gps, physical, visit, on-site, proximity, radius, range, kiosk, vend, vicinity, incentive, inducement, loyalty, prize, reward, earn, acquire, receive, obtain, collect, credit, point) & like terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Documents are listed in the continuation of Box C	

☒ 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 but 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 13 March 2014	Date of mailing of the international search report 13 March 2014
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Facsimile No.: +61 2 6283 7999	Authorised officer Olutope Omogbenigun AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. 0262832876

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/US2013/030106
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y L	Why you may have to visit a library to borrow an eBook [retrieved on 28 February 2014]. Retrieved from Internet <URL: http://web.archive.org/web/20110210225643/http://gonedigital.net/2010/11/23/libraries-and-ebooks > published on 10 February 2011 as per Wayback Machine See the whole document See the whole document	1-21,26,27 22-25
L	WILLIAMS, C. et al., 'PA moves to calm unease over e-book lending', The Bookseller, published 22 October 2010, [online], [retrieved on 28 February 2014]. Retrieved from Internet <URL: http://www.thebookseller.com/news/pa-moves-calm-unease-over-e-book-lending.html > referred explicitly by hyperlinking in document D1's disclosure	
A	US 2009/0053992 A1 (BUTLER) 26 February 2009 See the whole document, in particular abstract, paragraphs [0021],[0037],[0061],[0063],[0065],[0067],[0068],[0070]	1-27
A	WO 2009/049352 A1 (E-BOX PTY LTD) 23 April 2009 See the whole document, in particular abstract, page 1 lines 4-6, page 3 lines 19-23, page 5 line 30 – page 6 line 3, page 8 lines 1-3,14-22, page 9 lines 3-9	1-27
Y	US 2005/0096938 A1 (SLOMKOWSKI et al.) 05 May 2005 See the whole document, in particular abstract, paragraphs [0054],[0073],[0074]	22-25
Form PCT/ISA/210 (fifth sheet) (July 2009)		

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/US2013/030106	
This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.			
Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
US 2009/0053992 A1	26 Feb 2009	US 2009013359 A1	08 Jan 2009
		US 8626668 B2	07 Jan 2014
		US 2006224517 A1	05 Oct 2006
		US 2006249576 A1	09 Nov 2006
		US 2006265280 A1	23 Nov 2006
		US 2008004748 A1	03 Jan 2008
		US 2009009600 A1	08 Jan 2009
		US 2009012873 A1	08 Jan 2009
		US 2009053992 A1	26 Feb 2009
		WO 2009006564 A2	08 Jan 2009
WO 2009/049352 A1	23 Apr 2009	AU 2008314487 B2	25 Jul 2013
		NZ 584056 A	30 Nov 2012
		TW 200917782 A	16 Apr 2009
		WO 2009049352 A1	23 Apr 2009
US 2005/0096938 A1	05 May 2005	BR PI0517944 A	21 Oct 2008
		CA 2586133 A1	11 May 2006
		CN 101124577 A	13 Feb 2008
		EP 1820127 A2	22 Aug 2007
		JP 2008519329 A	05 Jun 2008
		KR 20070088669 A	29 Aug 2007
		RU 2007120472 A	10 Dec 2008
		US 2005096938 A1	05 May 2005
		WO 2006050027 A2	11 May 2006
End of Annex			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			