

(43) International Publication Date
13 December 2012 (13.12.2012)

(51) International Patent Classification:

G06F 9/44 (2006.01) H04L 12/58 (2006.01)
G06F 3/041 (2006.01)

(21) International Application Number:

PCT/US2012/040962

(22) International Filing Date:

5 June 2012 (05.06.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/493,470 5 June 2011 (05.06.2011) US

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(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, 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).

[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR DISPLAYING NOTIFICATIONS RECEIVED FROM MULTIPLE APPLICATIONS

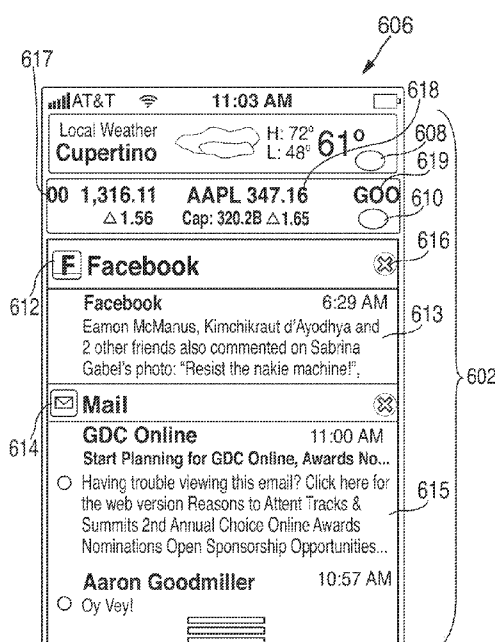


FIG. 6B

(57) Abstract: Systems and methods are disclosed for displaying notifications received from multiple applications. In some embodiments, an electronic device can monitor notifications that are received from the multiple applications. Responsive to receiving the notifications, the electronic device can control the manner in which the notifications are displayed while the device is operating in a locked or an unlocked state. In some embodiments, the electronic device can allow users to customize how notifications are to be displayed while the device is in the locked and/or unlocked states.

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

28 February 2013

- *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))*

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2012/040962

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F9/44 G06F3/041 H04L12/58
ADD.

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)
G06F H04L

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)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 708 464 A2 (SAMSUNG ELECTRONICS CO LTD [KR]) 4 October 2006 (2006-10-04)	1-5,
Y	abstract; figures 3,4 paragraphs [0019], [0028], [0031], [0033], [0043], [0044] paragraphs [0053], [0054]	8-13,15 6,7,14
Y	US 2010/269040 A1 (LEE SANG-MIN [KR]) 21 October 2010 (2010-10-21) figures 6,7 paragraphs [0105] - [0136]	6,7,14
A	US 2011/047368 A1 (SUNDARAMURTHY PALANI [US] ET AL) 24 February 2011 (2011-02-24) the whole document	1-15



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" 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

13 September 2012

Date of mailing of the international search report

03/01/2013

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/040962

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.:
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:
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:

see additional sheet

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 an additional fees, this Authority did not invite payment of 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.:

1-15

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-15

System and method for displaying notifications when an electronic device is in a locked state, wherein the user is displayed a browsable list with the notifications.

2. claims: 16-36

System and method for displaying notifications when an electronic device is in an unlocked state, wherein a notification center is displayed which comprises a plurality of panes for displaying the notifications.

3. claims: 37-43

Apparatus for displaying notifications when an electronic device is in an unlocked state, wherein a banner associated with the notification is provided.

4. claims: 44-52

A method for displaying notifications when an electronic device is in a locked state, initially displaying a notification in a large format and re-displaying it in a small format.

5. claims: 53-78

A method and device for providing an option for modifying notification settings, including settings to arrange the notifications manually or by time.

6. claims: 79-88

System and method for receiving notifications from a calendar application and displaying them in a calendar pane in a notification center.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2012/040962

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