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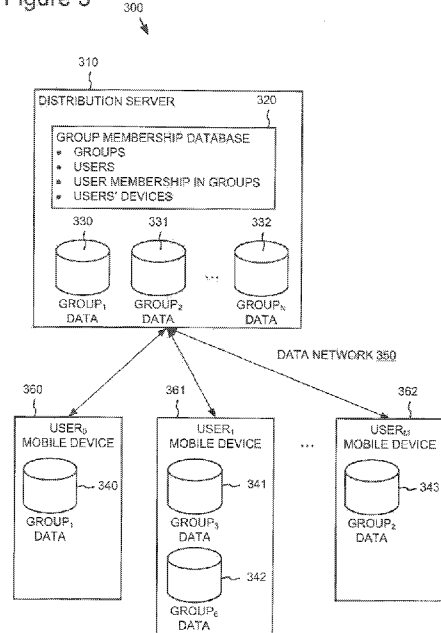
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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: MOBILE GROUP DATA DISTRIBUTION

Figure 3



(57) Abstract: A mobile collaborative community system (300) provides distribution of shared data (e.g., media, preference, calendar, contacts, tasks, etc.) for a group of individuals (e.g., families, business organization, team, project, etc.) to the mobile devices (360, 361, 362) of the group members. The system maintains a central repository or database of shared data for groups (330, 331, 332), as well as information defining the groups (320), user membership in the groups, and the mobile devices associated with the users. The system distributes the shared data for a group to the mobile devices of the user who are members of the group. The users can make changes to shared group data on their mobile devices, which changes are returned to the central repository and re-distributed to update the shared data on the mobile devices of all group members.



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

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19 August 2010

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- *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2008/076508

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04L29/08 H04L29/06 H04L12/18 H04W4/06
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)

H04L H04W

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, WPI Data, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/031708 A (VODAFONE PLC [GB]; WOLAK STEPHEN [GB]; THOMPSON PETER [GB]) 22 March 2007 (2007-03-22) figures 1,8,10 page 1, lines 4-6 page 4, lines 5-27 page 8, line 2 - page 9, line 19 page 17, line 4 - page 20, line 18 page 21, line 28 - page 23, line 12	1,2,4-7, 9,10
X	US 2005/262530 A1 (RUETSCHI JOHANNES [US] ET AL) 24 November 2005 (2005-11-24) figures 1-4 paragraphs [0019] - [0021] paragraphs [0024] - [0026] paragraphs [0029], [0030] paragraphs [0033] - [0036] paragraphs [0038] - [0043]	1,2,4-7, 9,10
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☒ 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 document but published on or after the international filing date

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"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

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"&" document member of the same patent family

Date of the actual completion of the international search

22 June 2010

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06/07/2010

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2008/076508

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/050448 A1 (GONEN EDWARD [IL] ET AL) 1 March 2007 (2007-03-01) figures 1-3,5 paragraphs [0024], [0025] paragraphs [0028] - [0030] paragraph [0032] paragraph [0035] paragraphs [0037] - [0039] paragraph [0045] paragraph [0047] paragraph [0049] paragraph [0052] paragraphs [0055], [0056] paragraphs [0077] - [0083]	1,2,4-7, 9,10
X	WO 01/33362 A (ATTIVO SOFTWARE INC [US]; KHEDRO TAHA [US]) 10 May 2001 (2001-05-10) figures 3-9C,11A,12A,12B,15A,15C,15E page 8, lines 7-20 page 9, lines 3-22 page 10, line 8 - page 14, line 16 page 15, line 11 - page 17, line 21 page 18, lines 9-18 page 19, line 3 - page 21, line 9	1,2,4-7, 9,10
X	US 2002/103935 A1 (FISHMAN NEIL [US] ET AL) 1 August 2002 (2002-08-01) figures 2-4,5a,5b paragraphs [0011] - [0013] paragraphs [0033] - [0037] paragraphs [0040] - [0042] paragraph [0047] paragraphs [0050] - [0051]	3,8, 11-15
X	WO 2005/038609 A2 (LMP MEDIA LLC [US]) 28 April 2005 (2005-04-28) figures 1,2 paragraph [0001] paragraphs [0006] - [0007] paragraphs [0009] - [0014] paragraph [0018]	3,8, 11-15
X	US 2005/226166 A1 (AGRAWAL ANURAAG [US] ET AL) 13 October 2005 (2005-10-13) figures 1-3,6,7 * abstract paragraphs [0024] - [0028] paragraph [0033] paragraphs [0038] - [0040] paragraphs [0048] - [0053] paragraphs [0061] - [0062] paragraphs [0069] - [0071]	3,8, 11-15

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/076508

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.:

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, 2, 4-7, 9, 10

Group 1 solves the problem of collaboratively processing the shared data. The problem is solved by storing the distributed shared data on the mobile devices, returning information from the mobile devices of changes made to the shared data on the mobile devices, updating the central copy of the shared data with the changes and distributing information of the changes to the shared data to the mobile devices of the users belonging to the particular group.

2. claims: 3, 8, 11-15

Group 2 solves the problem of filtering the distribution of the shared data to save the resources of the network and the mobile devices. The problem is solved in that the group membership information further defines applications available on the individual mobile devices and the distribution of the shared data is to only those of the mobile devices of the users of the particular group that have an application for the shared data available.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/076508

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