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DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
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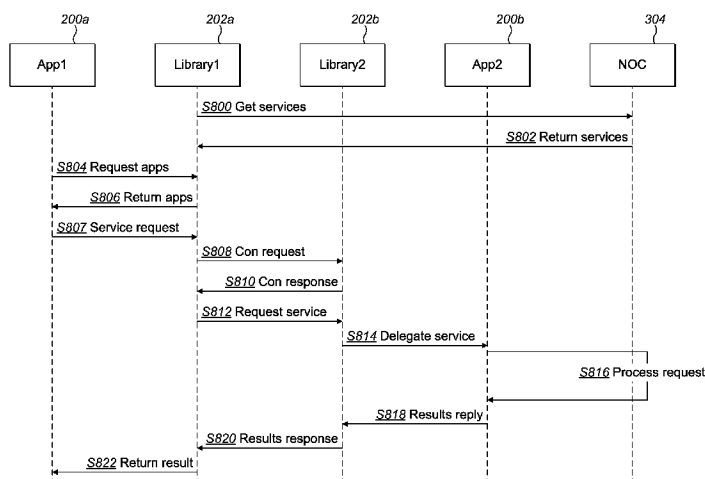


FIG. 8

- (57) Abstract: Embodiments of the invention are concerned with facilitating service provision between software applications. In embodiments of the invention, a first user terminal includes an application which causes the first user terminal to delegate execution of a first service to a different application. In response to determining that the first service is to be executed on behalf of the first service, a request message is sent to a data store including an identifier of the first service. The data store comprising entries indicating applications held on one or more user terminals, and indicating one or more services that may be executed, on request, by a corresponding application. The first user terminal receives a response message from the data store identifying one or more applications to which execution of the first service may be delegated.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/50632

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.: 4-24 and 34-38
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 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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/05632

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 15/173 (2013.01)

USPC - 709/226

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)

USPC: 709/226

IPC(8): G06F 15/173 (2013.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 709/203, 225, 226 (Keyword limited; terms below)

IPC(8): G06F 15/173 (2013.01) (Keyword limited; terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase; Google (Scholar, Patents, Web); PubWEST(PGPB,USPT,EPAB,JPAB)

Terms used: delegate execution first service id process program request data store response second external application terminal mobile enterprise server

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2011/0088011 A1 (Ouali), 14 April 2011 (14.04.2011), entire document, especially Abstract; para [0104], [0115], [0117], [0121], [0869], [0871], [0923], [1130], [1136], [1449], [1486]	1-3, 25-27, 29/(26-27) 43-46 28, 29/28, 30-33, 39-42, 47-50
Y	US 2011/0251992 A1 (Bethlehem et al.), 13 October 2011 (13.10.2011), entire document, especially Abstract; para [0007], [0030], [0050], [0116], [0118]-[0120], [0125], [0127], [0150], [0180], [0217], [0222], [0224]-[0225], [0268]	28, 29/28, 30-33, 39-42, 47-50
A	US 7,680,797 B1 (Singh et al.), 16 March 2010 (16.03.2010), entire document	1-3, 25-30, 31-33, 39-50
A	US 2005/0038829 A1 (Chidambaram et al.), 17 February 2005 (17.02.2005), entire document	1-3, 25-30, 31-33, 39-50
A	US 2006/0010234 A1 (Reedy et al.), 12 January 2006 (12.01.2006), entire document	1-3, 25-30, 31-33, 39-50
A	US 2007/0156897 A1 (Lim), 05 July 2007 (05.07.2007), entire document	1-3, 25-30, 31-33, 39-50

☐ Further documents are listed in the continuation of Box C.

* 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

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