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

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(54) **Title: ONE-ACTION URL BASED SERVICES AND USER INTERFACES**

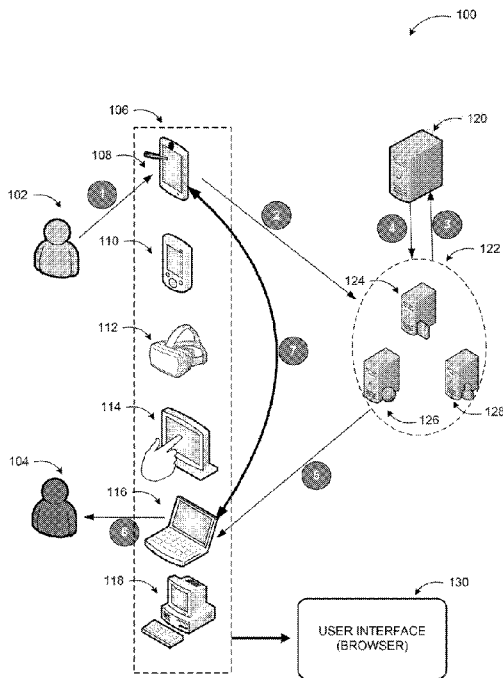


FIG. 1

(57) **Abstract:** One-action URL based communications and other services and management of such services through designated UIs are provided. In some examples, URL based calling may be enabled for different communication modes using existing web browsers, components, and protocols without requiring the end users to employ special hardware or software. Indeed, to initiate a communication session, a requestor may not even have to identify themselves, create a user account, or log in to a service. Subscribers of the service may be provided dashboard UIs to manage their communications, communication/profile configurations, and communicate with other service subscribers. In mobile environments, a mobile application may be used to automatically, without any user intervention, receive a request, activate a browser on the mobile device, and log the subscriber in such that the subscriber can receive the request, and accept the request or reject it and employ and benefit from other features of the service.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 18/53673

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 15/173 (2018.01)
CPC - H04L 61/2015

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)

See Search History Document

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

See Search History Document

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

See Search History Document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0133509 A1 (MCCOY et al.), 08 July 2004 (08.07.2004), entire document, especially Abstract; para [0074], [0159], [0173], [0255]	1-5
X ----- Y	WO 2015/125070 A1 (RHIZOME NETWORKS LTD.), 27 August 2015 (27.08.2015), entire document, especially Abstract; pg 3, ln 26-27; pg 4, ln 4 to pg 5, ln 9; pg 5, ln 5-13; pg 17, ln 1-4; pg 18, ln 4-17; pg 19, ln 25 to pg 20, ln 7; pg 45, ln 16 to pg 46, ln 2; pg 49, ln 9-16; pg 51, ln 10-27; pg 66, ln 30 to pg 67, ln 3; pg 79, ln 17-21; pg 101, ln 6-16; pg 104, ln 19-24pg 108, ln 20 to pg 109, ln 12	6-7, 9-16, 24, 27-29, 35-36, 38 ----- 8, 17-23, 25-26, 30-34, 37, 39, 57-60, 62, 80-82
X ----- Y	US 2008/0034040 A1 (WHERRY et al.), 07 February 2008 (07.02.2008), entire document, especially Abstract; para [0005]-[0006], [0026]-[0030], [0032], [0036], [0038], [0040], [0046], [0050], [0056]-[0057], [0062]-[0065], [0077], [0080]-[0081], [0104]	40-43, 50-56, 61, 63-64, 68-74, 76-79, 83 ----- 8, 17-18, 25-26, 30, 32-34, 39, 44-49, 57-60, 62, 65-67, 75, 80-82

 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

27 November 2018 (27.11.2018)

Date of mailing of the international search report

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Name and mailing address of the ISA/US

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International application No.

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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 2012/0290977 A1 (DEVECKA), 15 November 2012 (15.11.2012), entire document, especially Abstract; para [0017]-[0018], [0087], [0089], [0152]	19-23, 65-67
Y	US 2006/0026233 A1 (TENEMBAUM et al.), 02 February 2006 (02.02.2006), entire document, especially Abstract; para [0015]	31, 75
Y	US 2004/0107249 A1 (MOSER et al.), 03 June 2004 (03.06.2004), entire document, especially Abstract; para [0005], [0024]	37, 81
Y	US 2012/0102433 A1 (FALKENBURG), 26 April 2012 (26.04.2012), entire document, especially Abstract; para [0020]-[0021], [0024], [0034]	44-49

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 18/53673

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.: 84
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.