



(51) International Patent Classification:
G06F 9/45 (2006.01)

(21) International Application Number:
PCT/IN2012/000712

(22) International Filing Date:
29 October 2012 (29.10.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
3129/MUM/2011 4 November 2011 (04.11.2011) IN

(71) Applicant: **VSERV DIGITAL SERVICES PVT.LTD.**
[IN/IN]; 605, Eco House, Vishweshwar Nagar, Off. Aarey
Road, Goregaon (East), Mumbai 400063 (IN).

(72) Inventors: **ASHAY, Vinayak Padwal**; 16/1, Dadachandji
Building, St. Mary Road, Mazgaon, Mumbai 400010 (IN).
ASHOK, Ramchandra Patel; 35/273 Motilal Nagar 3,
Near Azad Maidan, M.G Road, Goregaon West, Mumbai
400062 (IN).

(74) Agent: **STRATEGIC INTELLECTUAL PROPERTY
SOLUTIONS**; 001, Prestige Langleigh Phase 2, E.C.C.
road, Next to GR Tech Park, Whitefield, Bangalore
560066, Karnataka (IN).

(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:

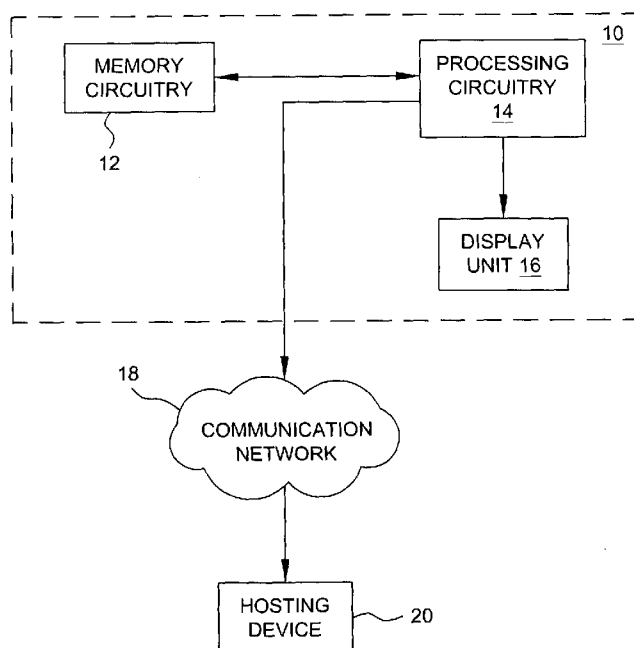
— of inventorship (Rule 4.17(iv))

Published:

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

[Continued on next page]

(54) Title: SYSTEM FOR INSERTING SERVICES IN A SOFTWARE APPLICATION



(57) Abstract: A system for inserting one or more ser-
vices within a software application is provided. The sys-
tem comprises memory circuitry configured to receive
and store a software application and a service module.
The software application is defined by a first set of in-
structions and the service module defined by a second
set of instructions. The system further comprises pro-
cessing circuitry configured to execute the service mod-
ule with the software application to generate a service in-
tegrated software application. The service module is con-
figured to enable one or more online services on the soft-
ware application by inserting a third set of instructions
at pre-defined locations within the first set of instructions
of the software application.



— *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))*

(88) **Date of publication of the international search report:**
19 September 2013

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IN2012/000712

A. CLASSIFICATION OF SUBJECT MATTER

G06F 9/45 (2006.01) i

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)

IPC: G06F 9/-

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)

CNABS, DWPI, CNKI: software, application, services, insert+, instruction, storage, online

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/0022409 A1 (LEVENSHTEYN, R) 25 January 2007 (25.01.2007) description, paragraphs [0009], [0031], [0065], [0067], [0126] and claim 19	1-15
A	WO 2005/096139 A1 (YOUNG SOFT PRIVATE LIMITED) 13 October 2005 (13.10.2005) see the whole document	1-15

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:	“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
“A” document defining the general state of the art which is not considered to be of particular relevance	“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
“E” earlier application or patent but published on or after the international filing date	“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
“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)	“&” document member of the same patent family
“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	

Date of the actual completion of the international search
02 July 2013 (02.07.2013)Date of mailing of the international search report
25 Jul. 2013 (25.07.2013)Name and mailing address of the ISA/CN
The State Intellectual Property Office, the P.R.China
6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China
100088
Facsimile No. 86-10-62019451Authorized officer
WANG, Yan
Telephone No. (86-10)62411649

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/IN2012/000712

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US 2007/0022409 A1	25.01.2007	EP 1941353 A1	09.07.2008
		WO 2007025588 A1	08.03.2007
		US 7810082 B2	05.10.2010
WO 2005/096139 A1	13.10.2005	EP 1735696 A1	27.12.2006
		JP 2007531147 A	01.11.2007
		IN 200603497 P4	15.06.2007
		US 7685230 B2	23.03.2010
		CN 1938679 A	28.03.2007
		IN 254790 B	21.12.2012
		US 2005223356 A1	06.10.2005