

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mohan Marar</td> <td>03/05/2013</td> </tr> <tr> <td>Aswin Kumar Jayaraman</td> <td>03/05/2013</td> </tr> <tr> <td>Mohammed Naveed B</td> <td>03/05/2013</td> </tr> <tr> <td>Raghavendra Rao M G</td> <td>03/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mohan Marar	03/05/2013	Aswin Kumar Jayaraman	03/05/2013	Mohammed Naveed B	03/05/2013	Raghavendra Rao M G	03/05/2013
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Aswin Kumar Jayaraman	03/05/2013										
Mohammed Naveed B	03/05/2013										
Raghavendra Rao M G	03/05/2013										
RECEIVING PARTY DATA											
Name:	SAP AG										
Street Address:	Dietmar-Hopp-Allee 16										
City:	Walldorf										
State/Country:	GERMANY										
Postal Code:	D-69190										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13787166</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13787166						
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Application Number:	13787166										
CORRESPONDENCE DATA											
Fax Number:	6123393061										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	612-373-6900										
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Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER/SAP										
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ATTORNEY DOCKET NUMBER:	2058.817US1										
NAME OF SUBMITTER:	Dawn R. Shaw										
<p>Total Attachments: 6 source=2058_817US1assign#page1.tif</p>											

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ASSIGNMENT

WHEREAS, Mohan Marar, Aswin Kumar Jayaraman, Mohammed Naveed B and Raghavendra Rao M G (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on _____, which application was assigned US patent application serial number _____, and which is titled UPLOAD/DOWNLOAD OF MOBILE APPLICATIONS USING A MIME REPOSITORY; which are described in a patent application filed on November 12, 2012, which application was assigned IN application serial number 4744CHE2012, and which is titled Over-The-Air Installation and Download and Upload of Mobile Applications.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to SAP AG (the "Assignee"), a corporation of the Country of Germany, having a place of business at Dietmar-Hopp-Allee 16, Walldorf D-69190, Germany, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;
such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 50400 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

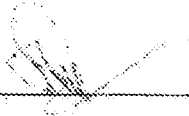
AGREED as of the date of my signature below:

Assignment
Assignors: Mohan Marar et al.
Title: UPLOAD/DOWNLOAD OF MOBILE APPLICATIONS USING A MIME REPOSITORY
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Docket No: 2008, R17051
Client Ref. No: 120612US01

Assignor:

(Signature):

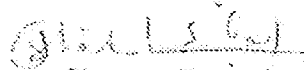


Name: Mohan Marar

City/State: Kerala, India

Date: 14 APR 2012

Witness:


Signature/Date

14 APR 2012

ENHAR BLOAL PEER MOHAMMED
Full Name (Printed)

Assignment

Assignors: Mohan Jayaram et al

Title: UPLOAD/DOWNLOAD OF MOBILE APPLICATIONS USING A MIME REPOSITORY

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Docket No: 2058.817081
Client Ref. No: 120613US01

Assignor:

(Signature): Aswin Kumar Jayaraman

Name: Aswin Kumar Jayaraman

City/State: Chennai, India

Date: 09 - March - 2013

Witness:

Sheela Devi 4 MAR 2013
Signature/Date

SHEELA DEVI PERI MOHAMMED
Full Name (Printed)

Assignor:

(Signature):

Name: Mohammed Naveed B

City/State: Bangalore, India

Date: 2-18-2017

Witness:

[Signature]
Signature/Date

2-18-2017

SHEIKH QALB PEER MOHAMMED
Full Name (Printed)

Assignment

Assignors: Mohan Marar et al

Title: UPLOAD/DOWNLOAD OF MOBILE APPLICATIONS USING A MIME REPOSITORY

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Docket No: 2008.017183
Client Ref. No. 120612US01

Assignor:

(Signature):

Rag Rao M G

Name: Raghavendra Rao M G

City/State: Bangalore, India

Date:

03/06/2013

Witness:

Bilal Peer Mohammed

03/06/2013

Signature/Date

KHADE BILAL PEER MOHAMMED

Full Name (Printed)