

## PATENT ASSIGNMENT COVER SHEET

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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>ANAND AGRAWAL</td> <td>10/15/2013</td> </tr> <tr> <td>KETAN SHAH</td> <td>10/15/2013</td> </tr> <tr> <td>DINESH KUMAR</td> <td>10/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	ANAND AGRAWAL	10/15/2013	KETAN SHAH	10/15/2013	DINESH KUMAR	10/15/2013
Name	Execution Date								
ANAND AGRAWAL	10/15/2013								
KETAN SHAH	10/15/2013								
DINESH KUMAR	10/15/2013								
RECEIVING PARTY DATA									
Name:	SAP AG								
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Internal Address:	SAP GLOBAL INTELLECTUAL PROPERTY								
City:	WALLDORF								
State/Country:	GERMANY								
Postal Code:	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>14054855</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14054855				
Property Type	Number								
Application Number:	14054855								
CORRESPONDENCE DATA									
Fax Number:	(650)494-5620								
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NAME OF SUBMITTER:	ELITSA RANGELOVA								

Signature:	/Elitsa Rangelova/
Date:	01/29/2014
Total Attachments: 2 source=Assignment_130177US#page1.tif source=Assignment_130177US#page2.tif	

**ASSIGNMENT**

For valuable consideration, WE, ANAND AGRAWAL, KETAN SHAH, DINESH KUMAR hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

**RECOMMENDING APPLICATIONS TO PORTABLE ELECTRONIC DEVICES**

which is found in

U.S. patent application filed on Oct. 16, 2013  
 under Application No. 14/054,855  
 with Express Mail No. \_\_\_\_\_ (Application Number not yet known)

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature *AT* \_\_\_\_\_ Date 15/10/2013  
Print Name ANAND AGRAWAL

Witnessed by: \_\_\_\_\_ Date \_\_\_\_\_  
Signature \_\_\_\_\_  
Print Name \_\_\_\_\_

Inventor's Signature *Ketan Shah* Date 15-OCT-2013  
Print Name KETAN SHAH

Witnessed by: \_\_\_\_\_  
Signature  
\_\_\_\_\_  
Print Name

Inventor's Signature *Dinesh Kumar* Date 15-OCT-2013  
Print Name DINESH KUMAR

Witnessed by: \_\_\_\_\_  
Signature Date \_\_\_\_\_  
\_\_\_\_\_  
Print Name