

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Aman Kansal</td> <td>12/22/2011</td> </tr> <tr> <td>Ranveer Chandra</td> <td>12/27/2011</td> </tr> <tr> <td>Jie Liu</td> <td>12/27/2011</td> </tr> <tr> <td>Paramvir Bahl</td> <td>12/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Aman Kansal	12/22/2011	Ranveer Chandra	12/27/2011	Jie Liu	12/27/2011	Paramvir Bahl	12/22/2011
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052-6399</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052-6399
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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>13339358</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13339358						
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CORRESPONDENCE DATA											
<p>Fax Number: (509)944-4692</p> <p>Phone: 509-324-9256</p> <p>Email: pam@leehayes.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Lee & Hayes, PLLC</p> <p>Address Line 1: 601 W. Riverside Ave, Suite 1400</p> <p>Address Line 4: Spokane, WASHINGTON 99201</p>											
ATTORNEY DOCKET NUMBER:	MS1-5248US										
NAME OF SUBMITTER:	Pam Prellwitz										
Total Attachments: 6											

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PATENT ASSIGNMENT

MS Docket No.: 334458.01

Attorney Docket No.: MS1-5248US

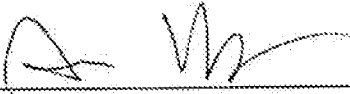
I/WE, Aman Kansal, Ranveer Chandra, Jie Liu, and Paramvir Bahl, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Estimating Application Energy Usage in a Target Device" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 22801, to insert here in parenthesis (Application No. 13/339,358, filed December 28, 2011) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on _____ and was given Application No. ____;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

	<u>12/22/2011</u>
Inventor's Signature	Date
<u>Aman Kansal</u>	<u>अमन कंसल</u>
Printed Name in English	Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Ranveer Chandra</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Jie Liu</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Paramvir Bahl</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 334458.01

Attorney Docket No.: MS1-5248US

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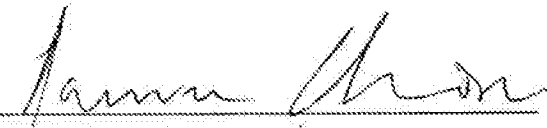
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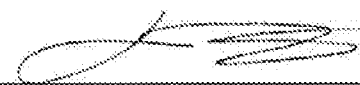
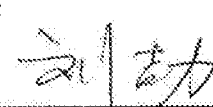
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<u>Ranveer Chandra</u>	
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<u>Inventor's Signature</u>	<u>Date</u>
<u>Jie Liu</u>	
<u>Printed Name in English</u>	<u>Printed Name in Native Language (if other than English)</u>

<u></u>	<u>December 22, 2011</u>
<u>Inventor's Signature</u>	<u>Date</u>
<u>Paramvir Bahl</u>	
<u>Printed Name in English</u>	<u>Printed Name in Native Language (if other than English)</u>