

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Marc Seinfeld</td> <td>04/03/2012</td> </tr> <tr> <td>Chengi Jimmy Kuo</td> <td>06/13/2011</td> </tr> <tr> <td>Aaron Putnam</td> <td>08/15/2012</td> </tr> <tr> <td>Jeff Williams</td> <td>04/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marc Seinfeld	04/03/2012	Chengi Jimmy Kuo	06/13/2011	Aaron Putnam	08/15/2012	Jeff Williams	04/06/2012
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Marc Seinfeld	04/03/2012										
Chengi Jimmy Kuo	06/13/2011										
Aaron Putnam	08/15/2012										
Jeff Williams	04/06/2012										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
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>13162133</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13162133						
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Application Number:	13162133										
CORRESPONDENCE DATA											
Fax Number:	4259367329										
Phone:	425-707-9382										
Email:	vfiling@microsoft.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Assal Meftahi										
Address Line 1:	One Microsoft Way										
Address Line 2:	Patent Group Docketing Dept										
Address Line 4:	Redmond, WASHINGTON 98052										
ATTORNEY DOCKET NUMBER:	332717.01										
NAME OF SUBMITTER:	Harendra Rana										

CH \$40.00 13162133

Total Attachments: 12

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PATENT ASSIGNMENT

MS Docket No.: 332717.01

I/WE, Marc Seinfeld, Chengji Jimmy Kuo, Aaron Putnam and Jeff Williams ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MOBILE DEVICE OPERATIONS WITH BATTERY OPTIMIZATION" ("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 69316, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known;
- was filed on 06-16-2011 and was given Application No. 13/162,133;
- 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).

_____ Inventor's Signature	_____ Date
_____ Jeff Williams Printed Name in English	_____ Printed Name in Native Language (if other than English)

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_____ Inventor's Signature	_____ Date
Marc Seinfeld Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	13 JUN 11 Date
Chengi Jimmy Kuo Printed Name in English	_____ Printed Name in Native Language (if other than English)

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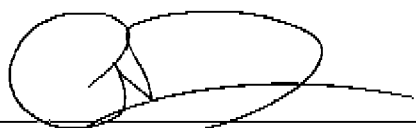
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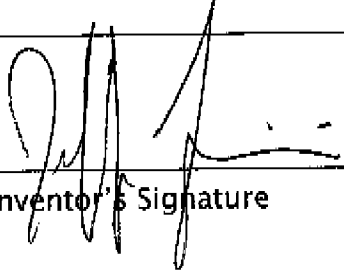
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<u>Aaron Putnam</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>April 6, 2012</u> _____ Date
<u>Jeff Williams</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)