

## 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>Sandeep Rangarajan</td> <td>03/14/2013</td> </tr> <tr> <td>Yogesh Sreenivasan</td> <td>03/12/2013</td> </tr> <tr> <td>Shai Guday</td> <td>03/11/2013</td> </tr> <tr> <td>Bama Ramarathnam</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sandeep Rangarajan	03/14/2013	Yogesh Sreenivasan	03/12/2013	Shai Guday	03/11/2013	Bama Ramarathnam	03/12/2013
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Shai Guday	03/11/2013										
Bama Ramarathnam	03/12/2013										
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</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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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>13832342</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13832342						
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CORRESPONDENCE DATA											
<p>Fax Number: 4259367329  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 425-707-9382        Email: vffiling@microsoft.com</p> <p>Correspondent Name: Assal Meftahi        Address Line 1: One Microsoft Way        Address Line 2: Patent Group Docketing Dept        Address Line 4: Redmond, WASHINGTON 98052</p>											
ATTORNEY DOCKET NUMBER:	338462.01										
NAME OF SUBMITTER:	Mohammad Adil										
Total Attachments: 8											

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I, Sandeep Rangarajan ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Fingerprint-Based, Intelligent, Content Pre-Fetching" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 15-MAR-2013 and given Application No. 13/832342 by the following Office US Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office " \_\_\_\_\_ ",

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"));


ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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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, ASSIGNOR's 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	<u>3/14/2013</u> Date
<u>Sandeep Rangarajan</u> Printed Name in English	 Printed Name in Native Language (if other than English)

MS Docket No.: 338462.01

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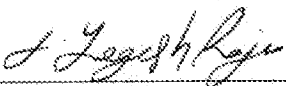
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	<u>03/12/2013</u>
Inventor's Signature	Date
<u>Yogesh Sreenivasan</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>Mar 11, 2013</u> _____ Date
<u>Shai Guday</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I, Bama Ramarathnam ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Fingerprint-Based, Intelligent, Content Pre-Fetching" ("APPLICATION"), which:

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_____ Inventor's Signature	_____ 3/12/2013 Date
_____ <u>Bama Ramarathnam</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)