

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>Jackie Chang</td> <td>05/03/2012</td> </tr> <tr> <td>Sharlene Yuan</td> <td>05/09/2012</td> </tr> <tr> <td>Buddha Wang</td> <td>05/03/2012</td> </tr> <tr> <td>Esther Tsai</td> <td>05/03/2012</td> </tr> <tr> <td>April Jiang</td> <td>05/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jackie Chang	05/03/2012	Sharlene Yuan	05/09/2012	Buddha Wang	05/03/2012	Esther Tsai	05/03/2012	April Jiang	05/03/2012
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Jackie Chang	05/03/2012												
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Esther Tsai	05/03/2012												
April Jiang	05/03/2012												
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>13468329</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13468329								
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Application Number:	13468329												
CORRESPONDENCE DATA													
Fax Number:	(425)936-7329												
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<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:	335959.01												
NAME OF SUBMITTER:	Amandeep Kaur												
Total Attachments: 3 source=335959-01-Exec-Assignment#page1.tif source=335959-01-Exec-Assignment#page2.tif source=335959-01-Exec-Assignment#page3.tif													

CH \$40.00 13468329

PATENT

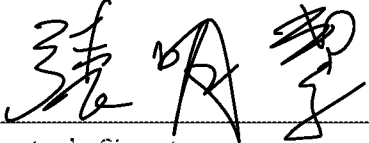
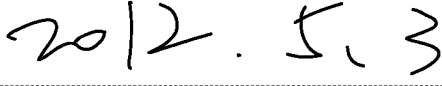
I/WE, Jackie Chang, Sharlene Yuan, Buddha Wang, Esther Tsai, and April Jiang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PREDICTING AND RETRIEVING DATA FOR PRELOADING ON CLIENT DEVICE" ("APPLICATION"), which:

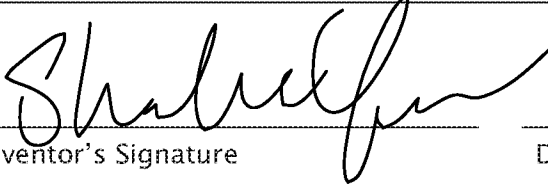
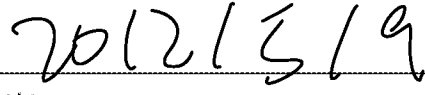
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/468,329, filed May 10, 2012) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

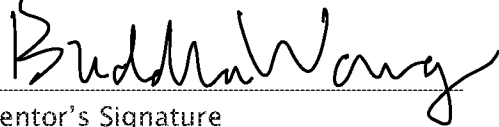
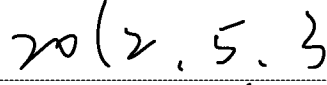
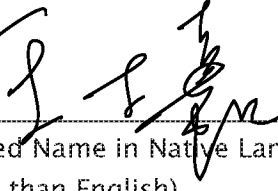
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

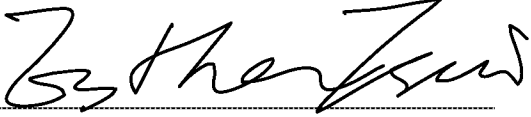

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

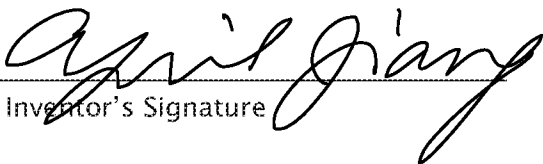
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

	
Inventor's Signature	Date
Jackie Chang	張明絜
Printed Name in English	Printed Name in Native Language (if other than English)

	
Inventor's Signature	Date
Sharlene Yuan	阮相霖
Printed Name in English	Printed Name in Native Language (if other than English)

	
Inventor's Signature	Date
Buddha Wang	
Printed Name in English	Printed Name in Native Language (if other than English)

	
Inventor's Signature	Date
Esther Tsai	蔡序真
Printed Name in English	Printed Name in Native Language (if other than English)

	<u>2012/5/3</u>
Inventor's Signature	Date
<u>April Jiang</u>	<u>江衍致</u>
Printed Name in English	Printed Name in Native Language (if other than English)