

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tin Qian</td> <td>02/12/2009</td> </tr> <tr> <td>David Thaler</td> <td>02/12/2009</td> </tr> <tr> <td>Ari Pekka Niikkonen</td> <td>02/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tin Qian	02/12/2009	David Thaler	02/12/2009	Ari Pekka Niikkonen	02/12/2009
Name	Execution Date								
Tin Qian	02/12/2009								
David Thaler	02/12/2009								
Ari Pekka Niikkonen	02/12/2009								
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12371481</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12371481				
Property Type	Number								
Application Number:	12371481								
CORRESPONDENCE DATA									
Fax Number:	(617)646-8646								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	617-646-8000								
Email:	pmarchetti@wolfgreenfield.com								
Correspondent Name:	Wolf, Greenfield & Sacks, P.C.								
Address Line 1:	600 Atlantic Avenue								
Address Line 4:	Boston, MASSACHUSETTS 02210								
ATTORNEY DOCKET NUMBER:	M1103.70582US00								
NAME OF SUBMITTER:	Edmund J. Walsh								
Total Attachments: 2 source=MS#325932.01 Assignment#page1.tif source=MS#325932.01 Assignment#page2.tif									

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REEL: 022347 FRAME: 0676

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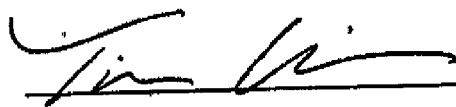
I/WE, Tin Qian; David Thaler; and Ari Pekka Niikkonen ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF HOME NETWORK CONFIGURATION PROBLEMS" ("APPLICATION"), which:


- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, who are associated with customer number 45840, to insert here in parenthesis (Application No. 12/371481, filed Feb. 13, 2009) this APPLICATION's Application No. and filing date, when known;
- was filed on and was given Application No. Not Yet Assigned;
- 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"));

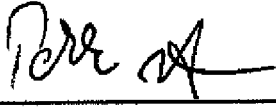
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

 2/12/2009 Tin Qian
Inventor's Signature Date Printed Name in Native Language

 2/12/2009 David Thaler
Inventor's Signature Date Printed Name in Native Language

PATENT ASSIGNMENT



2/12/09

Ari Pekka Niikkonen

Inventor's Signature

Date

Printed Name in Native Language