

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>Adam Shapiro</td> <td>01/19/2009</td> </tr> <tr> <td>Conal McGarvey</td> <td>01/19/2009</td> </tr> <tr> <td>Vladimir A. Levin</td> <td>01/21/2009</td> </tr> <tr> <td>Jakob F. Lichtenberg</td> <td>01/19/2008</td> </tr> </tbody> </table>		Name	Execution Date	Adam Shapiro	01/19/2009	Conal McGarvey	01/19/2009	Vladimir A. Levin	01/21/2009	Jakob F. Lichtenberg	01/19/2008
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Adam Shapiro	01/19/2009										
Conal McGarvey	01/19/2009										
Vladimir A. Levin	01/21/2009										
Jakob F. Lichtenberg	01/19/2008										
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>12357583</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12357583						
Property Type	Number										
Application Number:	12357583										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Garyma Saksena										
Total Attachments: 2											

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**PATENT
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PATENT ASSIGNMENT


I/WE, Adam Shapiro, Conal McGarvey, Vladimir A. Levin, Jakob F. Lichtenberg ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Per Group Verification" ("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 01/22/2009 and was given Application No. 12/357,583;
- is filed concurrently herewith;

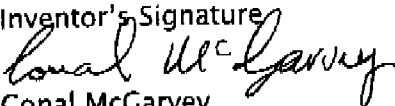
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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);

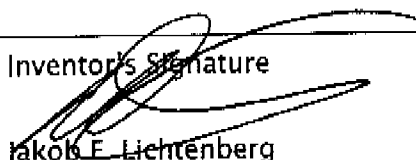
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature  Adam Shapiro	Date 01/19/2009
Printed Name in English	Printed Name in Native Language (if other than English)

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Inventor's Signature  Conal McGarvey	Date 01/19/2009
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature  Vladimir A. Levin	Date 01/21/2009
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature  Jakob F. Lichtenberg	Date 1/19/08
Printed Name in English	Printed Name in Native Language (if other than English)