

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Sarosh Cyrus Havewala</td> <td>11/24/2004</td> </tr> <tr> <td>Ravinder S. Thind</td> <td>11/24/2004</td> </tr> <tr> <td>Neal R. Christiansen</td> <td>11/24/2004</td> </tr> <tr> <td>Ran Kalach</td> <td>11/24/2004</td> </tr> <tr> <td>James R. Benton</td> <td>11/24/2004</td> </tr> </tbody> </table>		Name	Execution Date	Sarosh Cyrus Havewala	11/24/2004	Ravinder S. Thind	11/24/2004	Neal R. Christiansen	11/24/2004	Ran Kalach	11/24/2004	James R. Benton	11/24/2004
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James R. Benton	11/24/2004												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Microsoft Corporation												
<b>Street Address:</b>	One Microsoft Way												
<b>City:</b>	Redmond												
<b>State/Country:</b>	WASHINGTON												
<b>Postal Code:</b>	98052												
<b>PROPERTY NUMBERS Total: 1</b>													
<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>11000180</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11000180								
Property Type	Number												
Application Number:	11000180												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(425)836-8957												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Email:</b>	v-melp@microsoft.com												
<b>Correspondent Name:</b>	Albert S. Michalik												
<b>Address Line 1:</b>	704 228th Ave NE Suite 193												
<b>Address Line 4:</b>	Sammamish, WASHINGTON 98074												
<b>NAME OF SUBMITTER:</b>	Albert S. Michalik												
<b>Total Attachments: 2</b> source=4780 assignment#page1.tif source=4780 assignment#page2.tif													

OP \$40.00 11000180

MS Docket No. 310045.01  
OC Docket No. 4780

**PATENT ASSIGNMENT**

We, Sarosh Cyrus Havewala, Ravinder S. Thind, Neal R. Christiansen, Ran Kalach, and James R. Benton ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled **Method and System of Detecting File System Namespace Changes and Restoring Consistency** ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Law Offices of Albert S. Michalik, 704 - 228th Avenue NE, Suite 193, Sammamish, Washington 98074, who are associated with customer number 000039254, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_ filed \_\_\_\_\_) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on ..... and was given U.S. Serial 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).

11 / 24 / 2004  
DATE

*S. Havewala*  
Sarosh Cyrus Havewala

MS Docket No. 310045.01  
OC Docket No. 4780


Nov 24<sup>th</sup> 2004  
DATE

  
Ravinder S. Thind

Nov 24, 2004  
DATE

Neal R. Christiansen  
Neal R. Christiansen

Nov 24 2004  
DATE

  
Ran Kalach

Nov 24 2004  
DATE

  
James R. Benton