

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<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>Matthew Kerner</td> <td>03/02/2006</td> </tr> <tr> <td>Swetha Narayanaswamy</td> <td>03/11/2006</td> </tr> <tr> <td>Barbara Kess</td> <td>08/21/2006</td> </tr> <tr> <td>Yi Ming</td> <td>03/17/2006</td> </tr> <tr> <td>Weijuan Shi</td> <td>03/02/2006</td> </tr> <tr> <td>Michael Ryan Berg</td> <td>08/18/2006</td> </tr> <tr> <td>Randall K. Winjum</td> <td>02/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Matthew Kerner	03/02/2006	Swetha Narayanaswamy	03/11/2006	Barbara Kess	08/21/2006	Yi Ming	03/17/2006	Weijuan Shi	03/02/2006	Michael Ryan Berg	08/18/2006	Randall K. Winjum	02/28/2006
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Randall K. Winjum	02/28/2006																
<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>11494659</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11494659												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(312)474-0448																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	3124746300																
Email:	docket@marshallip.com																
Correspondent Name:	William J. Kramer																
Address Line 1:	233 S. Wacker Drive																
Address Line 2:	6300 Sears Tower																
Address Line 4:	Chicago, ILLINOIS 60606-6357																
<b>ATTORNEY DOCKET NUMBER:</b>	30835/308525																

CH \$40.00 11494659

**PATENT**

**500201659**

**REEL: 018701 FRAME: 0907**

NAME OF SUBMITTER:

William J. Kramer

**Total Attachments: 7**

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**PATENT ASSIGNMENT**

We, Matthew Kerner, Swetha Narayanaswamy, Barbara Kess, Yi Ming, Weijuan Shi, Michael Ryan Berg, Randall K. Winjum ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Method and Apparatus to Detect and Mitigate Disk Failures" ("APPLICATION"), which:

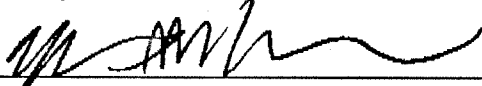
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Marshall, Gerstein & Borun LLP, who are associated with customer number 45373, to insert here in parenthesis (U.S. Serial No. 11/494,659, filed JULY 27, 2006 this APPLICATION's 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).

3/2/2006  
DATE

  
Matthew Kerner

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DATE

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Swetha Narayanaswamy

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DATE

\_\_\_\_\_  
Barbara Kess

\_\_\_\_\_  
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DATE

11 MARCH 2006

DATE

Matthew Kerner



Swetha Narayanaswamy

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Barbara Kess

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Yi Ming

DATE

Weijuan Shi

DATE

Michael Ryan Berg

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_____ DATE	_____ Matthew Kerner
_____ DATE	_____ Swetha Narayanaswamy
<u>August 21, 2006</u> DATE	<u>Barbara Kess</u> _____ Barbara Kess
_____ DATE	_____ Yi Ming
_____ DATE	_____ Weijuan Shi
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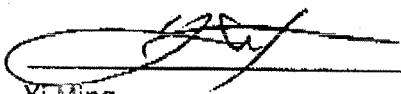
\_\_\_\_\_  
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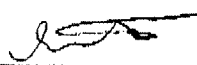
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Weijuan Shi

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Michael Ryan Berg



MS Docket No. 308525.01  
(OC Docket No. 30835/308525)

2-28-06

DATE

  
Randall K. Winjum