

**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>David Kruse</td> <td>03/23/2007</td> </tr> <tr> <td>Ramanathan Ganapathy</td> <td>03/20/2007</td> </tr> <tr> <td>Jeffrey C. Fuller</td> <td>05/01/2007</td> </tr> <tr> <td>Mathew George</td> <td>05/01/2007</td> </tr> </tbody> </table>		Name	Execution Date	David Kruse	03/23/2007	Ramanathan Ganapathy	03/20/2007	Jeffrey C. Fuller	05/01/2007	Mathew George	05/01/2007
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David Kruse	03/23/2007										
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Mathew George	05/01/2007										
<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>11690962</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11690962						
Property Type	Number										
Application Number:	11690962										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(312)474-0448										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	3124746300										
<b>Email:</b>	docket@marshallip.com										
<b>Correspondent Name:</b>	William J. Kramer										
<b>Address Line 1:</b>	233 S. Wacker Drive										
<b>Address Line 2:</b>	6300 Sears Tower										
<b>Address Line 4:</b>	Chicago, ILLINOIS 60606-6357										
<b>ATTORNEY DOCKET NUMBER:</b>	30835/319097										
<b>NAME OF SUBMITTER:</b>	William J. Kramer										

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Total Attachments: 4

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**PATENT ASSIGNMENT**

We, David Kruse, Ramanathan Ganapathy, Jeffrey C. Fuller, Matthew George ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "File Server Pipeline with Denial of Service Mitigation" ("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. 11/690,962, filed MARCH 26, 2007 ) this APPLICATION's U.S. Serial Number and filing date, when known;
- 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).

3/23/2007  
DATE

  
\_\_\_\_\_  
David Kruse

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Ramanathan Ganapathy

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Jeffrey C. Fuller

\_\_\_\_\_  
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David Kruse

  
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MS Docket No. 319097.01  
(OC Docket No. 30835/319097)

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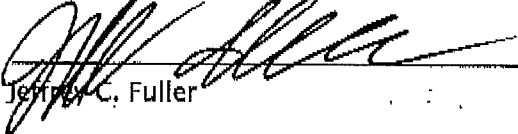
\_\_\_\_\_  
DATE

\_\_\_\_\_  
David Kruse

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Ramanathan Ganapathy

May 1, 2007  
DATE

  
Jeffrey C. Fuller

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Jeffrey C. Fuller

\_\_\_\_\_  
DATE

*1 May 2007*

\_\_\_\_\_  
Matthew George

*Mathew George*