

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>John Joseph Duffy</td> <td>08/04/2006</td> </tr> <tr> <td>Michael M Magruder</td> <td>08/04/2006</td> </tr> <tr> <td>Goetz Graefe</td> <td>08/04/2006</td> </tr> <tr> <td>David Detlefs</td> <td>08/04/2006</td> </tr> <tr> <td>Vinod K Grover</td> <td>08/04/2006</td> </tr> </tbody> </table> | | Name | Execution Date | John Joseph Duffy | 08/04/2006 | Michael M Magruder | 08/04/2006 | Goetz Graefe | 08/04/2006 | David Detlefs | 08/04/2006 | Vinod K Grover | 08/04/2006 |
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| David Detlefs | 08/04/2006 | | | | | | | | | | | | |
| Vinod K Grover | 08/04/2006 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
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| 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>11499091</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11499091 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 11499091 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 317739.01 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Steven Spellman | | | | | | | | | | | | |

CH \$40.00 11499091

Total Attachments: 4

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PATENT ASSIGNMENT

I/WE, John Joseph Duffy, Michael M. Magruder, Goetz Graefe, David Detlefs and Vinod K. Grover ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Combined Pessimistic and Optimistic Concurrency Control" ("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 22971, to insert here in parenthesis (Application No. 11/499,091 filed 8/4/06) this APPLICATION's Application No. and filing date, when known;

was filed on _____ and was given Application 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).

8/4/06

Date



John Joseph Duffy

8-4-2006

Date



Michael M. Magruder

Aug 4, 2006

Date



Goetz Graefe

Date

David Detlefs

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

8/4/06

Date

Vinod K Grover

Vinod K. Grover

MS Docket No. 317739.01

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John Joseph Duffy

Date

Michael M. Magruder

Date

Goetz Graefe

8/4/2006
Date



David Detlefs

Date

David Detlefs

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(Continued from page 1 to list additional inventors)

Date

Vinod K. Grover