

**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>Geoffrey Outhred</td> <td>11/26/2002</td> </tr> <tr> <td>Yan-David Erlich</td> <td>11/26/2002</td> </tr> <tr> <td>William G. Burton</td> <td>11/26/2002</td> </tr> </tbody> </table>		Name	Execution Date	Geoffrey Outhred	11/26/2002	Yan-David Erlich	11/26/2002	William G. Burton	11/26/2002
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Geoffrey Outhred	11/26/2002								
Yan-David Erlich	11/26/2002								
William G. Burton	11/26/2002								
<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>11188333</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11188333				
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Application Number:	11188333								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(216)696-8731								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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<b>NAME OF SUBMITTER:</b>	Himanshu S. Amin								
<b>Total Attachments: 3</b> source=MS302106.02 - Assignment#page1.tif source=MS302106.02 - Assignment#page2.tif source=MS302106.02 - Assignment#page3.tif									

OP \$40.00 11188333

**PATENT**

**500044047**

**REEL: 016372 FRAME: 0312**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship: Geoffrey Outhred, *et al.*

Applicant: Microsoft Corporation

Attorney's Docket No.: MSFTP374US

MS Docket No.: MS302106.1

Title: THE USE OF A SET BASED APPROACH TO CONSTRUCTING  
COMPLEX QUERIES FOR MANAGING RESOURCES BUILT  
FROM A SET OF SIMPLE UNDERLYING OPERATIONS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Geoffrey Outhred  
4028 Bagley Avenue, North  
Seattle, Washington 98103

Yan-David Erlich  
2440 Western Avenue, Apt. No. 401  
Seattle, Washington 98121

William G. Burton  
10116 NE 144<sup>th</sup> Court  
Bothell, WA 98011

Assignee:

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number:

Filing Date:

Inventorship: Geoffrey Outhred, *et al.*

Applicant: Microsoft Corporation

Attorney's Docket No.: MSFTP374US

MS Docket No.: MS302106.1

Title: **THE USE OF A SET BASED APPROACH TO CONSTRUCTING  
COMPLEX QUERIES FOR MANAGING RESOURCES BUILT  
FROM A SET OF SIMPLE UNDERLYING OPERATIONS**

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "THE USE OF A SET BASED APPROACH TO CONSTRUCTING COMPLEX QUERIES FOR MANAGING RESOURCES BUILT FROM A SET OF SIMPLE UNDERLYING OPERATIONS " as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Title: THE USE OF A SET BASED APPROACH TO CONSTRUCTING  
COMPLEX QUERIES FOR MANAGING RESOURCES BUILT  
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ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

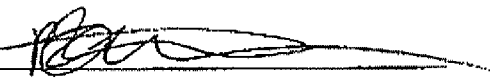
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