

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Clifford Paul Strom</td><td>10/28/2004</td></tr><tr><td>Brian Patrick Evans</td><td>10/28/2004</td></tr><tr><td>Michael Yiu-Kwan Siu</td><td>10/28/2004</td></tr></tbody></table>		Name	Execution Date	Clifford Paul Strom	10/28/2004	Brian Patrick Evans	10/28/2004	Michael Yiu-Kwan Siu	10/28/2004
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Clifford Paul Strom	10/28/2004								
Brian Patrick Evans	10/28/2004								
Michael Yiu-Kwan Siu	10/28/2004								
RECEIVING PARTY DATA									
Name:	Microsoft Corporation								
Street Address:	One Microsoft Way								
City:	Redmond								
State/Country:	WASHINGTON								
Postal Code:	98052								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10976463</td></tr></tbody></table>		Property Type	Number	Application Number:	10976463				
Property Type	Number								
Application Number:	10976463								
CORRESPONDENCE DATA									
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Total Attachments: 3 source=23697 Assignment#page1.tif source=23697 Assignment#page2.tif source=23697 Assignment#page3.tif									

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PATENT
REEL: 015353 FRAME: 0563

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Clifford Paul Strom et al.
Assignee..... Microsoft Corporation
Attorney's Docket No. 305447.01/MSFTI123697
MS Docket No..... 305447.01
Title: HASHED DATA STORES

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignors:

Clifford Paul Strom
4316 - 212th Avenue NE
Sammamish, Washington 98074

Brian Patrick Evans
20210 NE 116th Street
Redmond, Washington 98053

Michael Yiu-Kwan Siu
16711 NE 22nd Street
Bellevue, Washington 98008

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are inventors of an invention entitled "MULTI-LEVEL NESTED OPEN HASHED DATA STORES," as described and claimed in the specification forming part of an application for United States Letters Patent, and hereby authorize ASSIGNEE's attorneys of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, to insert here in parentheses

(Application Number 10/976,463, filed October 29, 2004) the application number and filing date of said application when known; and

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, Washington 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 therefor 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, ASSIGNORS 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 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 ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Director of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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 therefor.

10/28/2004
Date

Clifford P. Strom
Clifford Paul Strom

10/28/2004
Date

Brian Evans
Brian Patrick Evans

OCT 28/2004
Date

Michael Yiu-Kwan Siu
Michael Yiu-Kwan Siu

PBH/md