1.	Name of conveying parties:Danpo ZhangJosh CohenRajeev DujariE. Castedo Ellerman	01139128 Name and address of receiving party Name: Microsoft Corporation
	litional name(s) of conveying party(ies) attached?  Yes INo	Internal Address:
3.	Nature of conveyance:         Image: Assignment       Image: Merger         Image: Security Agreement       Image: Change of Name         Image: Other Image: Other Image: Security Agreement       Image: Security Agreement	Street Address: One Microsoft Way City: Redmond State: Washington Zip:98052
Exe	ecution Dates: 8/3/99, 8/2/99, 8/3/99, 8/2/99	Additional name(s) & address(es) attached? □ Yes ⊠ No
4. A.	Application number(s) or patent number(s): If this document is being filed together with a new applicat Patent Application No.(s)	tion, the execution date of the application is: B. Patent No.(s)
	09/350,331	mbers attached? □ Yes ⊠ No
5.	Name and address of party to whom correspondence concer document should be mailed: Name: Albert S. Michalik Internal Address: 1840/130707.1	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total Fee (37 CFR 3.41)\$40.00</li> </ul>
	Company Name: Michalik & Wylie, PLLC	<ul> <li>Enclosed with filing fee</li> <li>Authorized to be charged to deposit account</li> </ul>
	Street Address:       14645 Bel-Red Road Suite 103         City: Bellevue       State: WA       ZIP: 98007	<ol> <li>Deposit account number: 500463</li> </ol>
9.	Statement and signature. To the best of my knowledge and belief, the foregoing infor document. <u>Albert S. Michalik</u> Printed Name of Person Signing	Tor USE THIS SPACE mation is true and correct and any attached copy is a true copy of the original <u>top Michael</u> Signature Date: August 24, 1999 Signature of pages including cover sheet, attachments, and document: 4

Michalik & Wylie, PLLC 14645 Bel-Red Road Suite 103 Bellevue, WA 98053

## ASSIGNMENT

WHEREAS, we, Danpo Zhang, Josh Cohen, Rajeev Dujari, and E. Castedo Ellerman, (hereinafter referred to as ASSIGNORS), having post office addresses of 5808 NW Lac Leman Dr, Issaquah, Washington 98027, 745 Summit Ave East, Apt. 205, Seattle, Washington 98102, 442 3rd Ave South, Kirkland, Washington 98033, and 1200 Western Avenue, Apartment 1308, Seattle, Washington 98101, respectively, are the joint inventors of an invention entitled "**Background Cache Synchronization**," as described and claimed in the specification forming part of an application for United States letters patent as filed on July 9, 1999, and assigned Serial No. 09/350,331;

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 said 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 Commissioner 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.

In witness whereof, we have set our hands on the dates shown below.

Date 3 August ref Danjo Zhang STATE OF Washington ) SS: COUNTY OF

On this <u>3rd</u> day of <u>here</u>, <u>before</u>, <u>before</u>, <u>before</u>, <u>before</u>, <u>before</u>, <u>a</u> Notary Public in and for said county, appeared Danpo Zhang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.



Notary Public

\_\_\_\_\_

My Commission Expires: 10/15/02

Date 3 Sugast 1999 Rajeev Dujari STATE OF Windwitch ) ) SS: COUNTY OF King On this 32 day of August, 1997, before me, a Notary Public in and for said county, appeared Rajeev Dujari, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth. Mariah J St Clair Notary Public My Commission Expires: 10/15/02 alf her Date 2 August E. Castedo Ellerman STATE OF Walk yor ) ) SS: COUNTY OF \_ King On this  $2_{\nu}\lambda$  day of  $A_{\nu}\alpha_{\mu}\lambda$ ,  $A_{\nu}\alpha_{\mu}\lambda$ , before me, a Notary Public in and for said county, appeared E. Castedo Ellerman, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment

document, and acknowledged that he signed and delivered the document as his free and

voluntary act for the uses and purposes therein set forth.

Marish Q & Chi-Notary Public

My Commission Expires: 1015/02

1840 Assignment