	FORM PTO-1595 RECORDATION	07-01-1999 ARTMENT OF COMMERCE Patent and Trademark Office
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}-	To The Honorable Commissioner of Patents and Trademarks: Please r	теоf.
	Name of conveying parties:	101080874
	Roger F. Grambihler Gopal Parupudi Chao-Chia Liu Daniel Plastina Murthy Srinivas Robert E. Corrington	Name: Microsoft Corporation Internal Address:
	Susan E. Strom	300
メン	Additional name(s) of conveying party(ies) attached? Yes No	85
	3. Nature of conveyance:	
8	☑ Assignment ☐ Merger	
4	☐ Security Agreement ☐ Change of Name	Street Address: One Microsoft Way
١,	, ,	City: Bellevue State: Washington Zip:98052
3	□ Other	
1/K	Execution Dates: June 21, 1999	Additional name(s) & address(es) attached? □ Yes ☒ No
	4. Application number(s) or patent number(s):	
	If this document is being filed together with a new application, the executitle: "Synchronization Manager for Synchronizing Data"; Exp. Mail N	eution date of the application is: Declaration executed on June 21, 1999; o. EJ660777561US; GRAMBIHLER et al., filed on June 22, 1999.
	A. Patent Application No.(s)	B. Patent No.(s)
	New Application Filed Herewith – Express Mail No. EJ660777561US Additional numbers a	ttached? □ Yes ⊠ No
-	5. Name and address of party to whom correspondence concerning	
	document should be mailed:	6. Total number of applications and patents involved: 1
	Name: Albert S. Michalik	
		7. Total Fee (37 CFR 3.41)\$40.00
	Internal Address: 1640/79456	
	Company Name: Michalik & Wylie, PLLC	
	Street Address: 14645 Bel-Red Road	8. Deposit account number:
	Suite 103	500463
	City: Bellevue State: WA ZIP: 98007	500463
		E THIS SPACE
	9. Statement and signature. To the best of my knowledge and belief, the foregoing information	is true and correct and any attached copy is a true copy of the original
	document.	
	Albert S. Michalik albert S	Date: June 22, 1999
	Printed Name of Person Signing S	signature
17/41	/1999 NTHAI1 00000100 500463 09338352 Total number of pages	including cover sheet, attachments, and document: 6
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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

1640 Assignment Recordation

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PATENT REEL: 010056 FRAME: 0440

Michalik & Wylie, PLLC 14645 Bel-Red Road Suite 103 Bellevue, WA 98007

ASSIGNMENT

WHEREAS, we, Roger F. Grambihler, Chao-Chia Liu, Murthy Srinivas, Susan E. Strom, Gopal Parupudi, Daniel Plastina and Robert E. Corrington, (hereinafter referred to as ASSIGNORS), having post office addresses of 14150 176th Avenue NE, Redmond, Washington 98053, 15720 SE 44th Place, Bellevue, Washington 98066, 9611 213th Avenue NE, Redmond, Washington 98053, 413 239th Avenue NE, Redmond, Washington 98053, 4221 255th Place S.E., Issaquah, Washington 98029, 4409 229th Place S.E., Issaquah, Washington 98029 and 17771 NE 90th Street, Apt. G239, Redmond, Washington 98052, respectively, are the joint inventors of an invention entitled "Synchronization Manager for Synchronizing Data," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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.

PATENT REEL: 010056 FRAME: 0441 In witness whereof, we have set our hands on the dates shown below.

Date _	6/21/99	AF In
STAT	e of <u>W</u> A	Roger F. Grambihler) SS: 534-56-830.5
COUN	ITY OF <u>king</u>)
Notary known docum	On this 2/5 day of Public in and for said county, to me to be the same person when the same person where the same person where the same person where the sam	appeared Roger F. Grambihler, who is personally hose name is subscribed to the foregoing assignment signed and delivered the document as his free and herein set forth.
{SEAI	NOTARY PE	Notary Public My Commission Expires: 10/15/02
	OF WASHINGTON	
	June >1, 1999	Chao-Chia Liu
STATI	E OF)) \$5:
COUN	TTY OF King	Chao-Chia Liu)) SS:) Mure
NT 4 .	On this day of	June, 1997, before me, a
me to and ac	be the same person whose name	is subscribed to the foregoing assignment document, delivered the document as her free and voluntary act
{SEAI	TOA DIEGINE	Notary Public My Commission Expires: 10/15/02
(SEA	PUBLIC	My Commission Expires: / 0/15/v 2
	OF WASHIT-	

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Date $\frac{6/21/99}{}$	
STATE OF WA	Murth Srinivas) SS:
COUNTY OF King)
me to be the same person whose name is and acknowledged that he signed and delive the uses and purposes therein set forth.) SS:) June 1977, before me, a pared Murthy Srinivas, who is personally known to subscribed to the foregoing assignment document, wered the document as his free and voluntary act for
SEAL SION EL PUBLIC PUBLIC OF WASHINGTON	McLinda Wiesen Notary Public My Commission Expires: 10/15/02
Date 6/2/99 STATE OF 6/A COUNTY OF King	Susan E. Strom) SS:
me to be the same person whose name is	deared Susan E. Strom, who is personally known to subscribed to the foregoing assignment document, livered the document as her free and voluntary act
SEAL) SONE TO THE SEAL	Notary Public My Commission Expires: 10/15/02

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Date	6/21/99	my)		
STATE O	F WA	Gopal Parupadi		
COUNTY	OF King this 218th day of) SS:)		
Notary Pul me to be the	blic in and for said county, he same person whose name			
{SEAL}	PUBLIC OF WASHING OF WASHING	Notary Public My Commission Expires: 1415/02		
	6/21/99 2 44	Daniel Plastina		
STATEO	F WA)) SS:		
On this				
{SEAL}	NOA DIEGONETO NOTARY ES PUBLIC 15 02 05 15 02 05 15 02 05 15 02 05 15 02 05 15 02 05 15 02 05 15 02 05 15 02 05 05 15 02 05 05 05 05 05 05 05 05 05 05 05 05 05	Melunda Bresen Notary Public My Commission Expires: 10/15/02		

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Date $\frac{\sqrt{21/99}}{}$	KORZI UKE ORIZINE (
STATE OF WA	Robert E. Corrington
	ŚSS:
COUNTY OF IEMS	
On this $2/5^{+}$ day of) SS:) June 1999, before me, a sy, appeared Robert E. Corrington, who is personally
Notary Public in and for said count	y, appeared Robert E. Corrington, who is personally
document, and acknowledged that he	whose name is subscribed to the foregoing assignment e signed and delivered the document as his free and
voluntary act for the uses and purpose	s therein set forth.
	Melinda Diesen
NOA DIE	Notary Public
(SEAL)	My Commission Expires: $10/15/02$
NOTARY	wy Commission Expires. 70/15/02
1640 assignment	
TOF WASHING	
1860000000	

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RECORDED: 06/22/1999