		V COVER CHEET	U.S. DEPARTMENT OF COMMERCE	
Form PTO-1595 (Rev. 10/02)	RECORDATION FOR		U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp.	PATERIS	ONLI	Attorney Docket No. MS1-2145US	
6/30/2005)			Attorney Docket No. IIIS 1-214300	
To the Honorable Commissioner of	Patents and Trademarks: Ple	ease record the attached	original documents or copy thereof,	
Name of conveying party(les):		2. Name and address		
Daniania A Lolo	•	2. Name and address Name: <u>Microsoft</u>	Corporation	
Benjamin A. Leis Brian D. Andrew				
Daniel W.H. Chan		Internal Address:		
Mark J. Zbikowski Vishal V. Ghotge		, 120, 5551		
Thomas J. Miller				
		_		
Additional name(s) of conveying party(ies	s) attached? Yes No	Street Address: Q i	<u>ne Microsoft Way</u>	
Nature of conveyance:	*			
	Merger		18/8 7: 14488	
	Change of Name	City: <u>Redmond</u> St	ate: WA Zip: <u>98052</u>	
☐ Other .				
Execution Date: 1/04/05; 1/10/05; 1/5/	05.	Additional name(s)	& address(es) attached? Yes No	
 Application number(s) or patent numb If this document is being filed together 	er(s): r with a new application, the :	execution date of the app	plication is: .	
A. Patent Application No.(s)		B. Patent Registration	n No.(s)	
10/954,664, filed 9/3	30/2004			
15/55/1,554 11/55				
	Additional number(s) atta			
Name and address of party to whom of concerning document should be maile		6. Total number of app	lications and patents Involved 1	
•				
Name: Lee & Hayes, PLLC		7. Total fee (37 CFR 3	3.41) \$40.00	
2		☐ Enclosed		
Internal Address:		Authorized to be	e charged to deposit account	
		24 / (da folized to 5)		
421 W. Riverside, Suite 500 Spokane, WA 99201, 509-324-93	neė	8. Deposit account nu	mber:	
Spokane, 44A 99201, 308-324-82	250			
City: Spokane State: WA Zip 992	201		12-0769	
		(Attach duplicate copy	of this page if paying by deposit account)	
DO NOT USE 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.				
Nathan R. Rieth, Reg# 44302	11.11-1	1-1	01/12/2005	
Name of Person Signing		ifeells	Date	
	0/3/10/0			
Total n	umber of pages including cover s	sheet, attachments, and docu	ment: [10]	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

700145362

Attorney Docket No. MS1-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954,664

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	10/954,664
Tiling Date	9/30/200 4
Inventorship	Benjamin A. Leis
A policant	Microsoft Corporation
Attorney's Docket No.	MS1-2145US
MSDocket No	
Title: Real-Time File System Repairs	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Benjamin A. Leis 6307 22nd Ave NE Seattle, WA 98115

Brian D. Andrew 7706 146th Ave NE Redmond, WA 98052

Daniel W.H. Chan 17017 NE 108th Way Redmond, WA 98052

Mark J. Zbikowski 15817 NE 178th Place Woodinville, WA 98072

Vishal V. Ghotge 14623 NE 43rd PL, #1507 Bellevue, WA 98007

Thomas J. Miller 9015 NE 47TH St Bellevue, WA 98004

Assignee:

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

> PATENT REEL: 015588 FRAME: 0982

Attorney Docket No. MSI-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954,664

AGREEMENT

WHEREAS, ASSIGNOR(S	5) (listed a	bove) ar	e inventor(s) of a	n inventi	on entitl e	d "Real-
Time File System Repairs," for wh	ich:					
a provisional applicat	ion for Ur	nited Sta	tes Letters Paten	t was file	d on	ınd was
given U.S. Serial Noand/or						
a non-provisional application for United States Letters Patent was:						
\boxtimes	filed	on	09/30/2004	and	was	given
U.S. Serial No. 10/954,664; or filed concurrently 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, 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 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 PATENT

REEL: 015588 FRAME: 0983

Page 2 of 3

Attorney Ducket No. MS1-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954.664

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.

1/04/2005	Mar A. L.
Date	Benjamin A. Leis
Date	Brian D. Andrew
Date	Daniel W.H. Chan
Date	Mark J. Zbikowski
Date	Vishal V. Ghotge
Date	Thomas J. Miller

Attorney Docket No. MS1-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954,664

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	10/954,664
Senai Number	9/30/2004
Filing Date	Benjamin A. Leis
Inventorship	Missoret Corneration
A	
Attorney's Docket No	And the same of th
MSDocket No	160288.02
The State of the Property of the State of Th	

Title: Real-Time File System Repairs

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Benjamin A. Leis 6307 22nd Ave NE Seattle, WA 98115

Brian D. Andrew 7706 146th Ave NE Redmond, WA 98052

Daniel W.H. Chan 17017 NE 108th Way Redmond, WA 98052

Mark J. Zbikowski 15817 NE 178th Place Woodinville, WA 98072

Vishal V. Ghotge 14623 NE 43rd PL, #1507 Bellevue, WA 98007

Thomas J. Miller 9015 NE 47th St Bellevue, WA 98004

Assignee:

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

> PATENT REEL: 015588 FRAME: 0985

Attorney Docket No. MS1-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954,664

<u>AGREEMENT</u>

WHEREAS, A	ASSIGNOR(S)	(listed abo	ove) are	inventor(s) of an	invention	n entitled	"Real-
Time File System Rep	airs," for whic	h:					
a provisio	mal applicatio	n for Uni	ted State	s Letters Patent	was filed	onan	id was
given U.S. Serial No.	and/or						
a non-prov	visional applic	ation for U	United S	tates Letters Pate	nt was:		
	×	filed	on	09/30/2004	and	was	given
U.S. Serial No. 10/95	4,664; or filed o	concurren	tly herev	vith.			

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 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 PATENT

Page 2 of 3

REEL: 015588 FRAME: 0986

Date

Attorney Docket No. MSI-2145US MS Docket No. 160288.02 Serial No. (if known) 10/954,664

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.

Date	Benjamin A. Leis
1/10/05	Brus D. Olde
Date	Brian D. Andrew
1/10/05	= auril Oh
Date	Daniel W.H. Chan
1/10/05	make & nechoword
Date	Mark J. Zbikowski
1/10/05	
Date	Vishal V. Ghotge

Thomas J. Miller ...

PATENT REEL: 015588-FRAME: 0987.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	10/954,664
Serial Number	9/30/2004
Filing Date	Reniamin A. Lets
Inventorship	Microsoft Corporation
Applicant	MS1-2145U5
Applicant	160288.02
MSDocket No	
Title: Real-Time File System Repairs	

Title: Keal-Time File System Kepairs

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Benjamin A. Leis 6307 22nd Ave NE Seattle, WA 98115

Brian D. Andrew 7706 146th Ave NE Redmond, WA 98052

Daniel W.H. Chan 17017 NE 108th Way Redmond, WA 98052

Mark J. Zbikowski 15817 NE 178th Place Woodinville, WA 98072

Vishal V. Ghotge 14623 NE 43rd PL, #1507 Bellevue, WA 98007

Thomas J. Miller 9015 NE 47TH St Bellevue, WA 98004

Assignee:

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

PATENT

REEL: 015588 FRAME: 0988

<u>AGREEMENT</u> WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Real-Time File System Repairs," for which: a provisional application for United States Letters Patent was filed on.....and was given U.S. Serial No. ...and/or a non-provisional application for United States Letters Patent was: given was 09/30/2004 and filed on \boxtimes U.S. Serial No. 10/954,664; or filed concurrently 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, 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 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

PATENT REEL: 015588 FRAME: 0989

Attorney Docket No. NO1-24 MS Docket No. 160288.02

Serial No. (if known) 10/954,664

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.

Date Date Date Date

RECORDED: 01/12/2005

Benjamin A. Leis

Brian D. Andrew

Daniel W.H. Chan

Mark J. Zbikowski

Vishal V. Chotge

Page 3 of 3

PATENT REEL: 015588 FRAME: 0990***