08-15-2003

		10-2000			
FOR	M PTO-1595 RECORD2		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		
То	To the Honorable Commissioner for Patents: 102525529				
Please record the attached original document or copy thereof.					
l.	Name of conveying party(ies): Bjorn C. Rettig Hwi-sung Im Xiaofeng Zang Rerkboon Suwanasuk Shenghua Ye Yong Guo Michael Edward Lindell tional name(s) of conveying party(ies) attached? YES NO	Name and address of recondenses Name: Microsoft Corporate Internal Address: Street Address: One Microsoft Way City: Redmon	03916 U.S. PTO 10/633578		
3.	Nature of conveyance:	State: WA Zip Code			
		Additional name(s) &	address(es) attached? TYES NO		
	☐ Security Agreement ☐ Change of Name				
	Other				
	Execution Date: August 5, 2003				
	If this document is being filed together with a new application, the execution Section 1. A. Patent Application No.(s): (include series code or filing date) Additional application or patent numbers attached? YES NO	B. Patent No.(s):	gust 5, 200 <i>3</i>		
5.	Name and address of party to whom correspondence concerning	6. Total number of application	s and patents involved:		
	Name: Banner & Witcoff, Ltd. Address: 1001 G Street, N.W., 11th Floor	☐ Enclosed	\$ 40.00 Deposit Account 19-0733		
	City: Washington State: D.C. Zip: 20001-4597		ment be necessary to effect proper recordation, - Deposit Account No. <u>19-0733</u> , as necessary.		
DO I	NOT USE THIS SPACE				
9.	Statement and signature.				
	Christopher R. Glehidocki, Reg. 140. 38,800	mation is true and correct a	nd any attached copy August 5, 2003 Date		
r	Name of Person Signing Signature Atty. Docket No.: 003797.00557	Total number of pages includir	og cover sheet, attachments and document: 7		
<u> —</u>	ARMONIC ARRAGACO 400222 40/22020				

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PATENT

REEL: 014376 FRAME: 0594

IN THE UNITED STATES PATENTIAND TRADEMARK OFFICE

Filing Date	Currently Herewith
Inventorship	
Applicant	
Attorney's Docket No	
MS Docket No.	
Title: CROSS LANGUAGE MIGRATION	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignors:

Bjorn C. Rettig 4761 162nd Avenue NE Redmond, WA 98052

Hwi-sung Im 16536 NE 27th Street Bellevue, WA 98008

Xiaofeng Zang 6123 149 Court, NE Redmond, WA 98052

Rerkboon Suwanasuk 9009 Avondale Rd, NE, Unit M225 Redmond, WA 98052

Shenghua Ye 830 197th PI, SE Sammamish, WA 98075

Yong Guo 4577 160th Ave SE Issaquah, WA 98027

Michael Edward Lindell 12606 NE 180th St. Apt. AA302 Bothell, Wa. 98011

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "CROSS LANGUAGE MIGRATION" 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 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, 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 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 therefor.

Date	Bjorn C. Rettig
8/5/2003 Date	Hwi-sung Im
8/5/2N3 Date	Xiaofeng Zang
8/5/2003 Date 8/5/2003	Rerkboon Suwanasuk Shenghua Ye
8/5/2003 Date 8-5-03 Date	Yong Gho Michael Edward Lindell
	WWW. DELICET

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: CROSS LANGUAGE MIGRATION

PATENT SSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignors:

Bjorn C. Rettig 4761 162nd Avenue NE Redmond, WA 98052

Hwi-sung Im 16536 NE 27th Street Bellevue, WA 98008

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Michael Edward Lindell 12606 NE 180th St. Apt. AA302 Bothell, Wa. 98011

Assignee:

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

> PATENT REEL: 014376 FRAME: 0598

AGREEMENT

· inventor(s) of an invention entitled "CROSS WHEREAS, ASSIGNOR(S) (listed above) LANGUAGE MIGRATION" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinal 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 thereforen the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good a assigns as fully and entirely as the same wo protecting title to said invention or letters patent therefor.

d valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) heret sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said evention, 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 fore in countries, and in any and all divisions, reissues and continuations thereof, including the right of file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriting 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 parent 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 d have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not en made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and rademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) after 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 regulating said letters patent, or for the purpose of

> PATENT REEL: 014376 FRAME: 0599

RECORDED: 08/05/2003

8/5/03 Day:	Fon C. Lettig Bjorn C. Rettig
Date	Hwi-sur /m
Date	Xiaofeng Pang
Date	Rerkboo Suwanasuk
Date	Shenghe Ye
Date	Yong G
Date	Michael dward Lindell

PATENT REEL: 014376 FRAME: 0600