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11-24-1999



Docket No.: 14984.16

U.S. DEPARTMENT OF COMMERCE

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d Trademarks: Please record th	e attached	original	documents or	copy there	•

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To the Honorable Commissioner of Patents and Trademarks 1. Name of conveying party(ies): Claude Betrisey Bodin Dresevic	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: Microsoft Corporation Address: One Microsoft Way				
	Address: One Microsoft Way				
Additional names(s) of conveying party(ies) attached?					
3. Nature of conveyance:					
★ Assignment					
☐ Security Agreement ☐ Change of Name	City: Redmond	State/Prov.: WA			
_	Country: USA	ZIP: 94043			
☐ Other	Country. Ossia	Διι			
Execution Date: 11/4/99; 11/5/99	Additional name(s) & address(es) attached?	□ Yes 🗷 No			
 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application Patent Application No. Filing date 09/364,364 July 30, 1999 	on, the execution date of the application B. Patent No.(s)	n is:			
1/23/1999 STEFERRA 00000075 09364364 ,					
05 FC:581 \ \40.00 OF					
	attached? ☐ Yes 🗷 No				
	attached? I fes & 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: RICK D. NYDEGGER	7. Total fee (37 CFR 3.41):\$ 40.00				
Registration No. 28,651	■ Enclosed - Any excess or insufficiency should be				
Address: WORKMAN, NYDEGGER & SEELEY	credited or debited to deposit	account			
1000 Eagle Gate Tower	Authorized to be charged to deposit account				
60 East South Temple	9 Deposit account number:				
City: Salt Lake City State/Prov.: UT	8. Deposit account number: 23-3178				
Country: USA ZIP: 84111					
DO NOT	USE THIS SPACE	1			
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. RICK D. NYDEGGER Name of Person Signing	Signature 3	ched copy is a true copy ou . /8, /99 Date			
Total number of pages including	cover sheet, attachments, and document:				

PATENT

REEL: 010390 FRAME: 0049

PATENT APPLICATION
Docket No: 14984.16

Express Mailing Label No. EL 358714278 US

Workman, Nydegger & Seeley 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

ASSIGNMENT

WHEREAS, we Claude Betrisey and Bodin Dresevic (hereinafter referred to as ASSIGNORS), having post office addresses of 6725 134th Court NE, Redmond WA 98052, and 1039 145th Place SE, Bellevue, WA 98007; respectively, are the joint inventors of an invention entitled "METHODS, APPARATUS AND DATA STRUCTURES FOR MAINTAINING THE WIDTH OF CHARACTERS HAVING THEIR RESOLUTION ENHANCED AND FOR ADJUSTING HORIZONTAL GLYPH METRICS OF SUCH CHARACTERS" as described and claimed in the specification forming part of an application for United States letters patent;

Said invention being disclosed in a United States patent application executed heretofore and now identified as File No. 14984.16 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 09/364,364 on July 30, 1999.

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, 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 letter 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 therefore.

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Dated this 4th day of Morenber, 1999. STATE OF WASHINGTON) COUNTY OF WKING): ss. On November 4th, 1999 before me personally appeared CLAUDE BETRISEY, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein. Stacy a. gray NOTARY PUBLIC Residing at: Redmond, WA My Commission Expires: 5/15/02 Dated this 5th day of NOVEMBOR, 1999. Bodin Dreson COUNTY OF King): ss. On November 5, 1997, before me personally appeared BODIN DRESEVIC,

STATE OF WASHINGTON)

known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

Stack a. May NOTARY PUBLIC Residing at: Redmond, WA

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RECORDED: 11/19/1999

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PATENT REEL: 010390 FRAME: 0051