10	R-20-99 Docket No.: 14984.2.1 DA
FORM PTO-1595 (Modified) (Rev. 6-93) 12-28-	1999 CU.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
MB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02	
Tab settings + + + V V	
To the Honorable Commissioner of Pater 10123	
1. Name of conveying party(ies): William Hill Michael Duggan Leroy B. Keely, Jr.	2. Name and address of receiving party(ies): Name: MICROSOFT CORPORATION
Gregory C. Hitchcock J. Turner Whitted	Internal Address:
Additional names(s) of conveying party(ies)	DE 1 1 1999 0
3. Nature of conveyance:	
🛛 Assignment 🗌 Merger	Street Address: One Microsoft Place TRADEMAN
Security Agreement Change of Name	
Other	City: <u>Redmond</u> State: <u>WA</u> ZIP: <u>98052</u>
Execution Date:	Additional name(s) & address(es) attached?
<ul><li>4. Application number(s) or registration numbers(s):</li><li>If this document is being filed together with a new application</li></ul>	, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/191,173	
Additional numbers attac 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: RICK D. NYDEGGER	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address:	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
	Authorized to be charged to deposit account
Street Address: 1000 Eagle Gate Tower	8. Deposit account number:
60 East South Temple	8
City: Salt Lake City State: UT ZIP: 84111	DA 23-3178
9. Statement and signature.     8       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.     8	
RICK D. NYDEGGER	N. Madeager 17 Du 1995
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:	
REEL: 010451 FRAME: 0757	

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

## ASSIGNMENT

WHEREAS, we William Hill, Michael Duggan, Leroy B. Keely, Jr., Gregory C. Hitchcock, and, J. Turner Whitted (hereinafter referred to as ASSIGNORS), having post office addresses of 5401 Lake Langlois Road, Carnation WA, 98014; 9903 NE 119<sup>th</sup> Courts, Apt. E, Kirkland, WA, 98034; 210 Gabarda Way, Portola Valley, CA 94028; 17828 159<sup>th</sup> Ave. NE, Woodinville, WA 98072-9236; and, 3440 Hanks Chapel Road, Pittsboro, NC 27312, respectively, are the joint inventors of an invention entitled "METHODS AND APPARATUS FOR DETECTING AND REDUCING COLOR ARTIFACTS IN IMAGES" 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. 14984.2.1 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. 09/191,173 on November 13, 1998.

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.

Dated this 13th day of AVGUSE, 1999.

WILLIAM HILL

STATE OF WASHINGTON )

COUNTY OF <u>KING</u>; ss.

On <u>Aubust</u> 1997, before me personally appeared WILLIAM HILL, 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.



Residing at: *KEDMIND*, *NA* My Commission Expires: <u>*APRIL* 15, 2002</u>

richael /m MICHAEL DUG

COUNTY OF  $\underline{k!...}$ ; ss.

On <u>Aub alt 12</u>, 1999 before me personally appeared MICHAEL DUGGAN, 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.



(four 1/4- Krygay) NOTARY PUBLIC Residing at : Resourd, wA My Commission Expires: AIRIL 15.7

LEROY B. KEE , JR

STATE OF WASHINGTON )

: ss. COUNTY OF <u>KING</u>)

On  $\underline{A4605712}$ , 19<u>99</u>, before me personally appeared LEROY B. KEELY, JR, 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.



NOTARY PUBLIC Residing at: KS AND, WA My Commission Expires: <u>APRIL 15, 2002</u>

COUNTY OF KING ) : SS.

On  $\underline{Aug}$ ,  $\underline{6^{42}}$ ,  $\underline{19^{42}}$ , before me personally appeared GREGORY C. HITCHCOCK, 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.



**J.C. Hirth** DHITCHCOCK

esiding at: REMAN, 1 Commission Expires:

STATE OF WASHINGTON )

: SS. COUNTY OF KING )

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On <u>Au6ust 13</u>, 1999, before me personally appeared J. TURNER WHITTED, 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.

Residing at: KEPman **Commission Expires** 

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

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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 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.

Dated this 13th day of AUGUSE, 1999.

WILLIAM HILL

STATE OF WASHINGTON )

COUNTY OF KING

On <u>Aubust</u> 19 the fore me personally appeared WILLIAM HILL, 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.



PUBLIC

NOTARY PUBLIC Residing at: *REDMIND*, WA My Commission Expires: <u>APRIL 15, 2002</u>

whael Jam MICHAEL DUG

COUNTY OF <u>*Klub</u>*; ss.</u>

On <u>Aubalt 12</u>, 1999; before me personally appeared MICHAEL DUGGAN, 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.



NOTARY PUBLIC Residing at : Residence, wA My Commission Expires: ALL 15.2

LEROY B. KEE . JR

STATE OF WASHINGTON )

: ss. COUNTY OF <u>*kivk*</u>)

On <u>Aubust 12</u>, 1999, before me personally appeared LEROY B. KEELY, JR, 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.



NOTARY PUBLIC Residing at: My Commission Expires: <u>APRIL (5, 2002</u>)

COUNTY OF KING ) : SS.

On  $A_{123}$ ,  $b^{12}$ , 19, before me personally appeared GREGORY C. HITCHCOCK, 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.



ч<u>с. Нішення</u> CHITCHCOCK

Residing at: REMAN, 1 Commission Expires:

STATE OF WASHINGTON )

COUNTY OF KING )

G:\DATA\WPDOCSR

On <u>Au6ust 13</u>, 1999, before me personally appeared J. TURNER WHITTED, 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.

ART PUBLIC siding at: (SPMWD, WA Evoires: APPLIL 15,2002 My Commission Expires:

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**RECORDED: 12/17/1999**