Form PTO-1595 RECORDATION FOR	
(Rev. 10/02) PATENTS	44 m
OMB No. 0651-0027 (exp. 6/30/2005)	
	Attorney Docket No. MS1-2313US
To the Honorable Commissioner of Patents and Trademarks: Pl	lease record the attached original documents or copy thereof.
Name of conveying party(ies):	
Manish V Tangri	Name and address of receiving party(ies)
David S Callahan	Name: Microsoft Corporation
David O Oplianan	
	Internal
<u> </u>	Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance:	1
W:	Street Address: One Microsoft Way
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	
<u> </u>	
Other.	City: Redmond State: WA _Zip: 98052
Execution Date: 02/04/2005	
	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	
A. Patent Application No.(s)	B. Patent Registration No.(s)
111000 001 PL 10141000F	
11/050,951, filed 2/4/2005	
	<u>l</u>
Additional number(s) att	ached 🗌 Yes 🗵 No
5. Name and address of party to whom correspondence	- Martin and an investigation and parameter investigation
concerning document should be mailed:	6. Total number of applications and patents involved 1
	7. Total fee (37 CFR 3.41) \$40.00
Name: Lee & Hayes, PLLC	7. Total 100 (5) Ot 11 0.71/
	☐ Enclosed
	_
Internal Address:	Authorized to be charged to deposit account
421 W. Riverside, Suite 500	
Spokane, WA 99201, 509-324-9256	8. Deposit account number:
City: Spokane State: WA Zip 99201	12-0769
• •	
	l
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT LISE T	110 00 10 00 00 00 00 00 00 00 00 00 00
DO NOT USE T	HIS SPACE
9. Statement and signature.	"
To the best of my knowledge and belief, the foregoing infor	mation is true and correct and any attached copy
is a true copy of the original document.	
14000 1 5 10 54 45949	
William J. Breen, III, Reg# 45313	5 H 3/9/5
Name of Person Signing Signatu	Date Date
i vi	~

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

> **PATENT REEL: 015869 FRAME: 0573**

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Attorney Docket No. MS1-2313US MS Docket No. 310785.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	11/050,951
Filing Date	2/4/2005
Inventorship	Manish V Tangri
Applicant	Microsoft Corporation
Attorney's Docket No	MS1-2313U9
MSDocket No	
Title: Relative Quality Value	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Manish V Tangri 6910 Old Redmond Road, #145 Redmond, WA 98052

David S Callahan 10849 53rd Place West Mukilteo, WA 98275

Assignee:

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

AGREEMENT

WF	IEREAS,	ASSIGNOR(S)	(listed	above) are	inventor(s) of	an	invention	entitled
"Relative C	∑ualit y Va	lue," for which:								
	a provisi	ional application	for Uni	ited St	ates I	etters Pate	ent wa	ıs fil	led on	and was
given U.S.	Serial No	and/or								
I a non-provisional application for United States Letters Patent was:										
			filed	on	2/4./	2005		an	d was	given
U.S. Şerial	No11.	/050., 95.1; or fi	iled cond	urren	tly her	rewith.				

PATENT REEL; 015869 FRAME: 0574 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 request the Commissioner of Patents and Trademarks to issue all letters patent on said ASSIGNOR(S) agree to execute all instruments and documents invention to ASSIGNEE. 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.

> PATENT REEL: 015869 FRAME: 0575

AJAGCECACT O

Date

Manish V Tangri

David S Callahan

PATENT

REEL: 015869 FRAME: 0576

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	11/050,951
Filipa Date	2/.4/.2005
Investoration	Vidiusii v karikii
Applicant	Microsoft Corporation
Attorney's Docket No.	MS1-2313US
MSDocket No	310755.01
Title: Relative Quality Value	

PLL

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Manish V Tangri 6910 Old Redmond Road, # 145 Redmond, WA 98052

David S Callahan 10849 53rd Place West Mukilteo, WA 98275

Assignee:

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

<u>AGREEMENT</u>

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י	WHEREAS,	ASSIGNOR(S)	(listed	above)	are invento	r(s) or	an mve	япцов (anuuea
Relative Quality Value," for which:									
a provisional application for United States Letters Patent was filed onand was									
given U	.S. Serial No	oand/or							
a non-provisional application for United States Letters Patent was:									
		X	filed	on	2/4/2005		and	was	given
J.S. Serial No. 11/950, 951; or filed concurrently herewith.									

Page 1 of 3

PATENT REEL: 015869 F<u>RAME</u>: 0577

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;

PLL

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 therefore.

Page 2 of 3

PATENT REEL: 015869 FRAME: 0578

2/4/2005	gratary?			
Date	Manish V Tangri			
Date	David S Callahan	_		