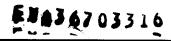
05-14-2004



Form PTO-1595 5.5114 (Rev. 03/01)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademar	4401 V V rks: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Natasa Milic-Frayling Rachel Jones	2. Name and address of receiving party(ies)
Samuel Gavin Smyth Alan Frank Blackwell Kerry Rodden Ralph Sommerer	Name: Microsoft Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Yes	10
3. Nature of conveyance:	
Assignment	One Microsoft Way
Security Agreement	Street Address: One Microsoft Way
Other	_
	City:RedmondState:_WA _Zip:_9805
Execution Date: 5/4/2004, 5/5/2004	Additional name(s) & address(es) attached?
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers	s attached? ◘ Yes ૄ No
5. Name and address of party to whom correspondence	
5. Name and address of party to whom correspondent concerning document should be mailed:	6. Total number of applications and patents involved:
Name and address of party to whom correspondent concerning document should be mailed: Name: Damon A. Rieth; 52,167	7. Total fee (37 CFR 3.41)\$ 40.00
Name and address of party to whom correspondent concerning document should be mailed: Name: Damon A. Rieth; 52,167	7. Total fee (37 CFR 3.41)\$ 40.00
Name and address of party to whom correspondence concerning document should be mailed: Name:Damon A. Rieth; 52,167 Internal Address:Lee & Hayes, PLLC	7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account
5. Name and address of party to whom correspondent concerning document should be mailed: Name:	7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-0769
5. Name and address of party to whom correspondent concerning document should be mailed: Name: Damon A. Rieth; 52,167 Internal Address: Lee & Hayes, PLLC Street Address: 421 West Riverside Avenue Suite 500 City: Spokane State: WA Zip: 99201	7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-0769
5. Name and address of party to whom correspondent concerning document should be mailed: Name:Damon A. Rieth; 52,167 Internal Address:Lee & Hayes, PLLC Street Address:421 West Riverside Avenue	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-0769 (Attach duplicate copy of this page if paying by deposit account
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40.00 DA

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Alexandria, VA 22313-1450

PATENT REEL: 015313 FRAME: 0314

Attorney Docket No.	MS1-1940US
MS Docket No.	307818.01
Serial No. (if known)	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Filing Date	
Inventorship	
Applicant	Microsoft Corporation
Attorney's Docket No	
MSDocket No	
Title: Intelligent Backward Resource Navigation	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Natasa Milic-Frayling 39 Highfield Avenue Cambridge, CB4 2AJ United Kingdom

Samuel Gavin Smyth 15 Haweswater Huntingdon, PE29 6TW United Kingdom

Kerry Rodden 1130 Palo Alto Avenue Palo Alto, CA 94301

Ralph Sommerer 62 Petersfield Mansions, Mill Road Cambridge, CB1 1BB United Kingdom

Rachel Jones 62 Kingston Street Cambridge, CB1 2NU United Kingdom

Alan Frank Blackwell 14 Victoria Park Cambridge, CB4 3EL United Kingdom

Assignee:

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

Page 1 of 3

Attorney Docket No. MS1-1940US
MS Docket No. 307818.01
Serial No. (if known)

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Intelligent Backward Resource Navigation," 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 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

Page 2 of 3

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Kay 4, 2004	Natasa Milic-Frayling Natasa Milic-Frayling
Date	Samuel Gavin Smyth
Date	Kerry Rodden
4-May-2004 Date 4 May 2004 Date	Ralph Sommerer Cachel Jones Rachel Jones

Date

Alan Frank Blackwell

Attorney Docket No	MS1-1940US
MS Docket No.	307818.01
Serial No. (if known)	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Tilia - Data	Executed Concurrently Herewith
Filing Date	Milic-Frayling et al.
Applicant	Microsoft Corporation
Applicant	MS1-1940US
Attorney's Docket No	307818.01
MSDocket No	
Title: Intelligent Backward Resource Navigation	

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Page 2 of 3

PATENT REEL: 015313 FRAME: 0319

Attorney Docket No.	MS1-1940US
MS Docket No.	307818.01
Serial No. (if known)	

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	Natasa Milic-Frayling
Date	Samuel Gavin Smyth
S/4/04 Date	Kerry Rodden
Date	Ralph Sommerer
Date	Rachel Jones
Date	Alan Frank Blackwell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Filing Date	Executed Concurrently Herewith
Inventorship	Milic-Frayling et al.
Applicant	
Attorney's Docket No	MS1-1940US
MSDocket No	307818.01
Title: Intelligent Backward Resource Navigation	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

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Page 1 of 3

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MS Docket No. <u>307818.01</u>
Serial No. (if known)

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Page 2 of 3

PATENT REEL: 015313 FRAME: 0322

Attorney Docket No	MS1-1940US
MS Docket No.	307818.01
Serial No. (if known)	

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·	
Date	Natasa Milic-Frayling
Date	Samuel Gavin Smyth
Date	Kerry Rodden
Date	Ralph Sommerer
Date	Rachel Jones
5 my 2004 Date	Alan Frank Blackwell