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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Christian Gregory Allred	09/16/2010
Sarosh Cyrus Havewala	09/16/2010
Neal Robert Christiansen	09/16/2010
David Matthew Kruse	09/16/2010
Mathew George	09/16/2010
Matthew Stuart Garson	09/16/2010
Daniel Edward Lovinger	09/16/2010

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12884624

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ATTORNEY DOCKET NUMBER: 330615.01

REEL: 025018 FRAME: 0370

PATENT

NAME OF SUBMITTER:	Amandeep Kaur
Total Attachments: 6 source=330615-01-Exec-Assignment#page source=330615-01-Exec-Assignment#page source=330615-01-Exec-Assignment#page source=330615-01-Exec-Assignment#page source=330615-01-Exec-Assignment#page source=330615-01-Exec-Assignment#page	2.tif 3.tif 4.tif 5.tif

PATENT REEL: 025018 FRAME: 0371

		<u> PAT</u>	ENT ASSI	GNMENT		MS Doci	ket No.:	330615.01
I/WE,	Christian	Gregory	Allred,	Sarosh	Cyrus	Havewala,	Neal	Robert
Christiansen,	David Matt	hew Kruse	, Mathev	v George,	Matthe	w Stuart Gar	son and	d Daniel
Edward Lovin and/or claims which:	_			-				
×	hereby a the Law Microsof	authorizes, and Corpo it Way, Rec ir number	, and rec trate Affa imond, \ 69316, t	quests, A iirs Depa Vashingto o insert I	SSIGNEE rtment, on 9805 nere in p	ASSIGNMENTS legal reprint of the control of the con	resentat orporation associat Applicat	tives, of on, One ted with tion No.

□ was filed on _____ and was given Application No. _____;□ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

filing date, when known;

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR nereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

affe	9/16/200
Inventor's Signature	Date
Christian Gregory Allred	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 3

DATENT ASSICNMENT

PATENT ASSIGNMENT MS Docket No.: 3		
Slopenede	9	/ 16/10
ventor's Signature	Date	
arosh Cyrus Havewala		
rinted Name in English		lame in Native Language (if an English)
Coll Robert Ch eventor's Signature	restiansen Date	9/16/10
eal Robert Christiansen	· 	
rinted Name in English		Name in Native Language (if an English)
· · · · · · · · · · · · · · · · · · ·		
iventor's Signature	Date	
avid Matthew Kruse	· · · · · · · · · · · · · · · · · · ·	
rinted Name in English		Name in Native Language (if an English)

Page 2 of 3

Mathew George

Printed Name in English

Printed Name in Native Language (if

other than English)

MS Docket No.: <u>330615.01</u>

Malase	9/16/10
Inventor's Signature	Date
Matthew Stuart Garson	Matthew Strat busin
Printed Name in English	Printed Name in Native Language (if
	o <u>the</u> r than English)
<u> </u>	
	·
Inventor's Signature	Date
Daniel Edward Lovinger	·
Printed Name in English	Printed Name in Native Language (if
	other than English)

PATENT ASSIGNMENT MS Docket No.: 330615.01 I/WE, Christian Gregory Allred, Sarosh Cyrus Havewala, Neal Robert Christiansen, David Matthew Kruse, Mathew George, Matthew Stuart Garson and Daniel Edward Lovinger ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIRECTORY OPLOCK" ("APPLICATION"), which: will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known; was filed on ______ and was given Application No. _____; is filed concurrently herewith: Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES); ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Page 1 of 3

Date

Inventor's Signature

Christian Gregory Allred
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Printed Name in Native Language (if

other than English)

MS Docket No.: <u>330615.01</u>

Inventor's Signature	Date
Sarosh Cyrus Havewala	
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	other than English)
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Neal Robert Christiansen	
Printed Name in English	Printed Name in Native Language (if
	other than English)
Jan Mar Kra	- 9/16/2010
Hiventor's Signature	Date
<u>David</u> Matthew Kruse	
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	other than English)
- Time	9/16/2010
Inventor's Signature	Date
Mathew George	
Printed Name in English	Printed Name in Native Language (if
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MS Docket No.: 330615.01

nventor's Signature	Date
Matthew Stuart Garson	
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Inventor's Signature

Daniel Edward Lovinger

Printed Name in English

9/16/2000

Date

Printed Name in Native Language (if other than English)