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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joseph M. Joy	08/11/2008
Tanuja Abhay Joshi	08/04/2008
Udayan Khurana	08/05/2008
Arumugam Kumaran	08/05/2008
Vibhuti Singh Sengar	08/06/2008
Tobias W. M. Kellner	08/10/2008

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:	12145615

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ATTORNEY DOCKET NUMBER: 323328.01

NAME OF SUBMITTER: Steven Spellman

500622902 PATENT REEL: 021399 FRAME: 0592)U 12145(

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Total Attachments: 15 source=323328_01_Executed_Assignment#page1.tif source=323328_01_Executed_Assignment#page2.tif source=323328_01_Executed_Assignment#page3.tif source=323328_01_Executed_Assignment#page4.tif source=323328_01_Executed_Assignment#page5.tif source=323328_01_Executed_Assignment#page6.tif source=323328_01_Executed_Assignment#page7.tif source=323328_01_Executed_Assignment#page8.tif source=323328_01_Executed_Assignment#page9.tif source=323328_01_Executed_Assignment#page10.tif source=323328_01_Executed_Assignment#page11.tif source=323328_01_Executed_Assignment#page12.tif source=323328_01_Executed_Assignment#page13.tif source=323328_01_Executed_Assignment#page14.tif source=323328_01_Executed_Assignment#page15.tif

> PATENT REEL: 021399 FRAME: 0593

I/WE, Joseph M. Joy, Tanuja Abhay Joshi, Udayan Khurana, Arumugam Kumaran, Vibhuti Singh Sengar and Tobias W. M. Kellner ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CROSS LINGUAL LOCATION SEARCH" ("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;
$\overline{\mathbf{V}}$	was filed on $06/25/2008$ and was given Application No. $12/145,615$;
	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).

Josephan	August 11, 2008
Inventor's Signature	Date
Joseph M. Joy	
Printed Name in English	Printed Name in Native Language (if
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MS Docket No.: 323328.01

Inventor's Signature	Date
Tanuja Abhay Joshi	
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Inventor's Signature	Date
Udayan Khurana	
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Inventor's Signature	Date
Arumugam Kumaran	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Vibhuti Singh Sengar	
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Page 2 of 3

other than English)

PATENT ASSIGNMENT MS Docket No.: 323328.01

Inventor's Signature	Date
Tobias W. M. Kellner	
Printed Name in English	Printed Name in Native Language (if other than English)

Vibhuti Singh matter ("INVEN	Sengar and Tobias W. M. k	oshi, Udayan Khurana, Arumugam Kumaran, Cellner ("ASSIGNOR"), have invented subject med in a patent application entitled "CROSS N"), which:
	hereby authorizes, and rec the Law and Corporate Affa Microsoft Way, Redmond, V customer number 69316, t	executed PATENT ASSIGNMENT. ASSIGNOR quests, ASSIGNEE'S legal representatives, of airs Department, Microsoft Corporation, One Washington 98052, who are associated with o insert here in parenthesis (Application No) this APPLICATION's Application No. and
.∡	_	and was river Application No. 12/145 C15.
_		nd was given Application No. <u>12/145,615;</u>
Ц	is filed concurrently herewi	th;
successors and exclentire and exclend all other applications, in ("APPLICATION For good acknowledged the ASSIGNEE, the APPLICATION ASSIGNOMAKING and plitigation regares	I assigns ("ASSIGNEE"), is enclusive rights, title and interest applications and patents and for the United State DERIVATIVES")); and and valuable consider by the ASSIGNOR, the ASSIGNOR and APPLICATION DERIVATION DERIVATION DERIVATION OF the APPLICATION of the APPLICATION derived the desired the patent derived the pat	on Corporation, on behalf of itself and its ntitled to, and is desirous of acquiring, the lest in the INVENTION and the APPLICATION of derived therefrom, such as continuing so, its territories, and all foreign countries ration, the receipt of which is hereby SNOR hereby sells, assigns and transfers to hts, title and interest in the INVENTION and ATIVES); struments and documents required for the TION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting displacements.
Inventor's Si	gnature	
Joseph M. Jo	у	

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Printed Name in Native Language (if

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MS Docket No.: 323328.01

Torres Marine	Aug 4th 2008
inventor's Signature	Date (C)
Tanuja Abhay Joshi	
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
Jdayan Khurana	
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	other than English)
nventor's Signature	Date
Arumugam Kumaran	
Printed Name in English	Printed Name in Native Language (if
	other than English)
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nventor's Signature	Date
nventor's Signature /ibhuti Sinoh Senoar	Date
nventor's Signature /ibhuti Singh Sengar Printed Name in English	

PATENT ASSIGNMENT MS Docket No.: 323328.01

	
Inventor's Signature	Date
Tobias W. M. Kellner	
Printed Name in English	Printed Name in Native Language (if
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Joseph M. Joy

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Lancarda d'a Cianadana	Date
Inventor's Signature	Date
Tanuja Abhay Joshi	
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	other than English)
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Inventor's Signature	Date ()
Udayan Khurana	32211 242111
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	other than English)
	<u> </u>
Inventor's Signature	 Date
inventor 3 signature	Date
Arumugam Kumaran	
Printed Name in English	Printed Name in Native Language (if
	other than English)
Inventor's Signature	 Date
Vibhuti Singh Sengar	
Printed Name in English	Printed Name in Native Language (if

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Inventor's Signature	Date
Tobias W. M. Kellner	
Printed Name in English	Printed Name in Native Language (if
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Page 1 of 3

Joseph M. Joy

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other than English)

nventor's Signature	Date
Гапија Abhay Joshi	
Printed Name in English	Printed Name in Native Language (if other than English)
avantan's Cinnatura	Date
nventor's Signature	Date
Jdayan Khurana	
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John John Marin	5 August 2008
nventor's Signature	Date
Arumugam Kumaran	
Printed Name in English	Printed Name in Native Language (if other than English)

Mar 1	
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<i>V</i>	6 August 2008
Inventor's Signature	Date
Vibhuti Singh Sengar	
Printed Name in English	Printed Name in Native Language (if
	other than English)
	, , , , , , , , , , , , , , , , , , ,
Inventor's Signature	Date
inventor's signature	Date
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Tobias W. M. Kellner	
Printed Name in English	Printed Name in Native Language (if

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Page 1 of 3

PATENT ASSIGNMENT MS Docket No.: <u>323328.01</u> Inventor's Signature Date Tanuja Abhay Joshi Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Udayan Khurana Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Arumugam Kumaran Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date

Page 2 of 3

Vibhuti Singh Sengar Printed Name in English

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MS Docket No.: <u>323328.01</u>

Inventor's Signature

Tobias W. M. Kellner

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