### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Xing Xie	09/15/2009
Yuki Arase	09/16/2009

#### **RECEIVING PARTY DATA**

Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	WA	
Postal Code:	98052-6399	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12560872

#### **CORRESPONDENCE DATA**

Fax Number: (509)944-4692

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 509-324-9256

Email: Lynne@leehayes.com

Correspondent Name: Lee & Hayes, PLLC

Address Line 1: 601 W. Riverside Ave, Suite 1400
Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: MS1-4848US

NAME OF SUBMITTER: Lynne H. Mahan

Total Attachments: 2 source=JN4082#page1.tif source=JN4082#page2.tif OP \$40.00 12

PATENT REEL: 023241 FRAME: 0287

## <u>PATENT ASSIGNMENT</u>

MS Docket No.: <u>327765.01</u> (OC Docket No.: <u>MS1-4848US</u>)

matter ("INVENTION") dis "CONSTRUCTION OF PHO ("APPLICATION"), which:  will be hereby Lee & I- Washin 22801, filed \( \frac{1}{2} \) No. and was file is filed Microsoft C Its successors and assign entire and exclusive right (and all other application applications, in and for th ("APPLICATION DERIVATIV For good ar acknowledged by the ASS the ASSIGNEE, the entire the APPLICATION (and AP ASSIGNORS	filed without this execu authorizes, and request layes, PLLC, 601 W. Rive gton 99201, who are as to insert here in parent be of the concurrently herewith; orporation, a Washingtons ("ASSIGNEE"), is entitled states, its terrores and patents derived the United States, its terrores"); and valuable considerations (SGNORS, the ASSIGNORS and exclusive rights, title agree to execute all instances.	Application No; on Corporation, on behalf of itself and ed to, and is desirous of acquiring, the ne INVENTION and the APPLICATION perefrom, such as continuing itories, and all foreign countries on, the receipt of which is hereby is hereby sell, assign and transfer to e and interest in the INVENTION and so; truments and documents required for
the making and prosecut	ion of the APPLICATION s patent derived therefr	(and APPLICATION DERIVATIVES), for om, and for the purpose of protecting
Ning Xie Inventor's Signature	Sep. 15. 200 }	Xing Xie Printed Name in Native Language
Inventor's Signature	Date	Yuki Arase Printed Name in Native Language

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MS Docket No.: <u>327765.01</u> (OC Docket No.: <u>MS1-4848US)</u>

- · ·	ie, and Yuki Arase,( ASS		
matter ("INVENTION") disc	losed and/or claimed in	a patent application e	ntitled
"CONSTRUCTION OF PHOT	O TRIP PATTERNS BASED	ON GEOGRAPHICAL IN	FORMATION"
("APPLICATION"), which:			
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	ton 99201, who are ass		
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("APPLICATION DERIVATIV	'ES"));		
For good an	d valuable consideration	, the receipt of which	is hereby
acknowledged by the ASS	IGNORS, the ASSIGNORS	hereby sell, assign and	d transfer to
the ASSIGNEE, the entire a	and exclusive rights, title	and interest in the IN	VENTION and
the APPLICATION (and API			
ASSIGNORS a	agree to execute all inst	ruments and documen	ts required for
the making and prosecuti		•	
litigation regarding letters	•	***	
and perfecting title to the	APPLICATION (and APPL	ICATION DERIVATIVES	).
			Xing Xie
Inventor's Signature	Date	Printed Name in N	ative Language
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Juhi Crase	Sep. 16th ,2009		Yuki Arase
Inventor's Signature	Date	Printed Name in N	The state of the s
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PATENT REEL: 023241 FRAME: 0289

RECORDED: 09/16/2009