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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiao Li	12/16/2010
Jingjing Liu	12/16/2010
Alejandro Acero	12/16/2010
Ye-Yi Wang	12/16/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12970477

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ATTORNEY DOCKET NUMBER: 331048.01

NAME OF SUBMITTER: Geeta Nainwal

Total Attachments: 4

PATENT REEL: 025604 FRAME: 0020 CH \$40.00 1297

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> PATENT REEL: 025604 FRAME: 0021

MS Docket No.: 331048.01
Wang ("ASSIGNOR") have

I/WE, Xiao Li, Jingjing Liu, Alejandro Acero and Ye-Yi Wang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEARCH LEXICON EXPANSION" ("APPLICATION"), which:

X	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. 12/970,477
	12/970,477, filed 12/16/2010) this APPLICATION's Application No. and filing date, when known;
Ш	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).

li ba	12/16/10
Inventor's Signature	Date
Xiao Li	李荣
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>331048.01</u>

Signer	12/16/20/0	
Inventor's Signature	Date	
Jingjing Liu	Date 刘青菁	
Printed Name in English	Printed Name In Native Language (If other than English)	
	· · · · · · · · · · · · · · · · · · ·	
Inventor's Signature	Date	
Alejandro Acero	•	
Printed Name in English	Printed Name in Native Language (if other than English)	
Inventor's Signature	Date	
Ye-Yi Wang		
Printed Name in English	Printed Name In Native Language (If other than English)	

MS Docket No.: <u>331048.01</u>

Inventor's Signature	Date
inventor's signature	Date
Jingjing Liu	
Printed Name in English	Printed Name in Native Language (if other than English)
:	· · · · · · · · · · · · · · · · · · ·
Alcen	
	Dec 16th, 2010
Inventor's Signature	Date
Alejandro Acero	
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Inventor's Signature	Date
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MS Docket No.: <u>331048.01</u>

Inventor's Signature	Date
Jingjing Llu	·
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•	
Inventor's Signature	Date
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Printed Name in English	Printed Name in Native Language (if other than English)
PHONJON-	
· · · · · · · · · · · · · · · · · · ·	12/16/2010
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