PATENT ASSIGNMENT

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Long Jiang	03/16/2009
Shiquan Yang	03/16/2009
Ming Zhou	03/17/2009
Xiaohua Liu	03/16/2009

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:	12406722

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MS1-3869US

NAME OF SUBMITTER:	Lynne Mahan

Total Attachments: 4
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WE, Long Jiang, Shiquan Yang, Ming Zhou, and Xiaohua Liu, ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE PATTERN LEARNING FOR BILINGUAL DATA MINING" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 601 W. Riverside Avenue, Suite 1400, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (Application No. 12|40 6,722, filed March 18, 2009____) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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).

Long Jiang	3/16/2009	Long Jiang
Inventor's Signature	Date	Printed Name in Native Language

		Shiquan Yang
Inventor's Signature	Date	Printed Name in Native Language

M. Zhou	3/17/2009	Ming Zhou
Inventor's Signature	Date	Printed Name in Native Language

Xiaohua Liu   3/16 2009   _Xiaohua Liu_

Inventor's Signature   Date   Printed Name in Native Language

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		Long Jiang
Inventor's Signature	Date	Printed Name In Native Language

Yang Shiquon	3/16/2004	Shiquan Yang
Inventor's Signature	Date	Printed Name in Native Language

		Ming Zhou
Inventor's Signature	Date	Printed Name In Native Language

MS Docket No.: 326246.01
(OC Docket No.: MS1-3869US)

Page 2 of 2

_____   Xiaohua Liu
Inventor's Signature   Date   Printed Name in Native Language

PATENT

RECORDED: 03/18/2009

REEL: 022415 FRAME: 0702