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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
N	ame	Execution Date	
VISWANATH VADLAMANI	03	3/04/2010	
ABHINAI SRIVASTAVA	02	2/10/2010	
TAREK NAJM	02	2/15/2010	
ARUNGUNRAM CHANDRASEKARAN SU	RENDRAN	3/12/2010	
Name: MICROSOFT CORP	PORATION		
Street Address: ONE MICROSOFT V	WAY		
City: REDMOND	REDMOND		
State/Country: WASHINGTON	WASHINGTON		
Postal Code: 98052			
PROPERTY NUMBERS Total: 1			
Property Type Application Number: 127013	Number 338		
CORRESPONDENCE DATA			
Fax Number: (816)421-5547	hen the fax attemnt is unsuccessful		
Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 816-474-6550			
Email: cschurle@shb.com			
Correspondent Name: SHOOK, HARDY & BACON L.L.P. (MICROSOFT C			
Address Line 1: INTELLECTUAL PROPERTY DEPARTMENT			
Address Line 2:2555 GRAND BOULEVARDAddress Line 4:KANSAS CITY, MISSOURI 64108-2613			
ATTORNEY DOCKET NUMBER: 328614.01/MFCP.153201			
NAME OF SUBMITTER:	John S. Golian		
·			

PATENT REEL: 024106 FRAME: 0447

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I/WE, VISWANATH VADLAMANI, ABHINAI SRIVASTAVA, TAREK NAJM, and ARUNGUNRAM CHANDRASEKARAN SURENDRAN ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC TABLE OF CONTENTS FOR SEARCH RESULTS" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P. 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with customer number 45809, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known;
- was filed on February 5, 2010 and was given Application No. 12/701.338:

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).

Maral	<u>ostatio</u>	Viswanara VARAMAN
VISWANATH VADLAMANÎ	Date	Printed Name in Native Language
ABHINAI SRIVASTAVA	Date	Printed Name in Native Language
TAREK NAJM	Date	Printed Name in Native Language

PATENT REEL: 024106 FRAME: 0449

3858318 v1

I/WE, VISWANATH VADLAMANI, ABHINAI SRIVASTAVA, TAREK NAJM, and ARUNGUNRAM CHANDRASEKARAN SURENDRAN ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC TABLE OF CONTENTS FOR SEARCH RESULTS" ("APPLICATION"), which:

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3858318 v1

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VISWANATH VADLAMANI	Date	Printed Name in Native Language
Athinai Juwastava	2/10/2010	उनमिन्छ भीवास्त्रव
ABHINAI SRIVASTAVA	Date	Printed Name in Native Language
TADEV NA184	Date	Orintad Namo in Nativa Languago
TAREK NAJM	Date	Printed Name in Native Language

PATENT REEL: 024106 FRAME: 0450

MS Docket No. 328614.01 (OC Docket No.) MFCP.153201

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PATENT ASSIGNMENT

ARUNGUNRAM CHANDRASEKARAN SURENDRAN Date

Printed Name in Native Language

3858318 vI

I/WE, VISWANATH VADLAMANI, ABHINA! SRIVASTAVA, TAREK NAJM, and ARUNGUNRAM CHANDRASEKARAN SURENDRAN ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC TABLE OF CONTENTS FOR SEARCH RESULTS" ("APPLICATION"), which:

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VISWANATH VADLAMANI	Date	Printed Name in Native Language
ABHINAFSRIVASTAVA	Date	Printed Name in Native Language
TAREK WAJM	2.15.10 Date	Printed Name in Native Language
3858318 V1		PATENT REEL: 024106 FRAME: 0452

ARUNGUNRAM CHANDRASEKARAN SURENDRAN

Date

Printed Name in Native Language

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VISWANATH VADLAMANI	Date	Printed Name in Native Language
ABHINAI SRIVASTAVA	Date	Printed Name in Native Language
TAREK NAJM	Date	Printed Name in Native Language

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PATENT REEL: 024106 FRAME: 0454

MS Docket No. 328614.01 (OC Docket No.) MFCP.153201

PATENT ASSIGNMENT

3-12-2010

SURENDRAN

ARUNGUNRĂN CHANDRASEKĂRAN SURENDRAN Date

Printed Name in Native Language

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RECORDED: 03/19/2010