### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Yutong (Jeffrey) Wang	06/10/2011
Marius Dumitru	06/10/2011

#### **RECEIVING PARTY DATA**

Name:	Microsoft Corporation	
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City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13160982

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ATTORNEY DOCKET NUMBER: 332811.01

NAME OF SUBMITTER: Girija Lourembam

Total Attachments: 2

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PATENT ASSIGNMENT

I/WE, Yutong (Jeffrey) Wang and Marius Dumitru ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUERY OPTIMIZATION TECHNIQUES FOR BUSINESS INTELLIGENCE SYSTEMS" ("APPLICATION"), which:

X	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
annous .	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.
	13/160,982 filed 06/15/2011 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 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).

MS Docket No.: 332811.01

## PATENT ASSIGNMENT

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Antro Wang	6/10/2011
Inventor's Signature	Date
Yutong (Jeffrey) Wang	·
Printed Name in English	Printed Name in Native Language (if other than English)
· ·	
Litanis	6/10/2011
Inventor's Signature	Date

Printed Name in Native Language (if

othe<u>r than English)</u>

Marius Dumitru

Printed Name in English