PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nicholas A. Allen	07/15/2010
John A. Taylor	07/15/2010
Kartik Paramasivam	07/15/2010
Dharma Shukla	07/15/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12843888

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

Phone: 425-707-2290

Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton
Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	329615.01
NAME OF SUBMITTER:	Garyma Saksena

Total Attachments: 4

PATENT REEL: 024743 FRAME: 0652 H \$40 00 1287

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> PATENT REEL: 024743 FRAME: 0653

PATENT ASSIGNMENT

I/WE, Nicholas A. Allen, John A. Taylor, Kartik Paramasivam, Dharma Shukla ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "APPLICATION INSTANCE AND QUERY STORES" ("APPLICATION"), which:

$\overline{\mathbf{V}}$	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.
	12/843888, filed $07/27/2010$) 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).

712-	7/15/2010
Inventor's Signature	Date
Nicholas A. Allen	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 2

MS Docket No.: 329615.01

PATENT ASSIGNMENT MS Docket No.: 329615.01

Inventor's Signature	Date
John A. Taylor	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Kartik Paramasivam	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Dharma Shukla	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

("ASSIGNOR"), have	iolas A. Allen, John A. Tayl ve invented subject matter (" cation entitled "APPLICATI which:	"INVENTION") disclosed a	nd/or claimed in
h th M cl — fi	vill be filed without this exercise ereby authorizes, and requence Law and Corporate Affairs dicrosoft Way, Redmond, Wastomer number 69316, to in 12/843888, filed 07/27/2010 illing date, when known;	ests, ASSIGNEE'S legal reg s Department, Microsoft C shington 98052, who are insert here in parenthesis this APPLICATION's App	presentatives, of Corporation, One associated with (Application No. lication No. and
	as filed on and v		
LJ is	filed concurrently herewith;	· •	
successors and a entire and exclusion (and all other applications, in a good acknowledged by the ASSIGNEE, the APPLICATION ASSIGNOR making and prolitigation regarding	Corporation, a Washington assigns ("ASSIGNEE"), is entitive rights, title and interest applications and patents (and for the United States, ERIVATIVES")); and valuable consideraty the ASSIGNOR, the ASSIGNOR entire and exclusive rights (and APPLICATION DERIVATION DERIVATION of the APPLICATION of the APPLICATION derived the tie to the APPLICATION (and a letters patent derived the tie to the APPLICATION (and a letter).	tled to, and is desirous of in the INVENTION and to derived therefrom, such its territories, and all follows, the receipt of word interest in the IVES); ruments and documents ON (and APPLICATION Derefrom, and for the purposers)	of acquiring, the he APPLICATION as continuing oreign countries hich is hereby and transfers to INVENTION and required for the ERIVATIVES), for ose of protecting
Inventor's Sigr	nature	Date	

Page 1 of 1

Nicholas A. Allen

Printed Name in English

Printed Name in Native Language (if

other than English)

MS Docket No.: <u>329615.01</u>

gogen.	7/15/2010
Inventor's Signature	Date
John A. Taylor	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	07/15/2010 Date
Kartik Paramasivam	
Printed Name in English	Printed Name in Native Language (if other than English)
10.	7/15/2010

Date

Page 2 of 2

Printed Name in Native Language (if

other than English)

Inventor's Signature

Printed Name in English

Dharma Shukla