## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Jeremy de Souza	06/09/2009
Charlie R. Chung	06/08/2009
Wilbert De Graaf	06/09/2009
Shubhankar Sanyal	06/08/2009

#### **RECEIVING PARTY DATA**

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City:	Redmond
State/Country:	WASHINGTON
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## PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12483246	

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NAME OF SUBMITTER: Medha Kajla

PATENT REEL: 023025 FRAME: 0193 0.00 12483246

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Total Attachments: 2

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PATENT REEL: 023025 FRAME: 0194

# PATENT ASSIGNMENT

("ASSIGNOR"), have invented subject mate	nung, Wilbert De Graaf and Shubhankar Sanyal ter ("INVENTION") disclosed and/or claimed in APHING FOR DATA HANDLING AND DELIVERY"
hereby authorizes, and rethe Law and Corporate At Microsoft Way, Redmond, customer number 69316, filed filing date, when known;	executed PATENT ASSIGNMENT. ASSIGNOR equests, ASSIGNEE'S legal representatives, of ffairs Department, Microsoft Corporation, One, Washington 98052, who are associated with to insert here in parenthesis (Application No. ) thiS APPLICATION's Application No. and and was given Application No. 12/483246 with;
successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and intermediate (and all other applications and patents deapplications, in and for the United States, ("APPLICATION DERIVATIVES"));  For good and valuable consideration acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVACION DERIVACION ASSIGNOR agrees to execute all instanting and prosecution of the APPLICATION.	its territories, and all foreign countries on, the receipt of which is hereby GNOR hereby sells, assigns and transfers to this, title and interest in the INVENTION and VATIVES); struments and documents required for the ON (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting
Sum sum sum	61912009
Jeremy de Souza Signature	Date
DE BOURA	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 327200.01

/ LLICA	6/8/2009
Charlie R. Chung Signature	Date
CHARUE CHUNG	
Printed Name in English	Printed Name in Native Language (if other than English)
and	6/9/2009
Wilbert De Graaf Signature	Date
Wilbert De Graat	
Printed Name in English	Printed Name in Native Language (if other than English)
Surread	06/08/2009
Shubhankar Sanyal Signature	Date
SHUBHANKAR SANYAL	
Printed Name in English	Printed Name in Native Language (if other

**RECORDED: 07/30/2009** 

than English)

MS Docket No.: 327200,01