PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aleksandras Surna	03/17/2010
Per-Ake Larson	03/17/2010
Srikumar Rangarajan	03/17/2010

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:	12727235

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Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	328664.01
NAME OF SUBMITTER:	G.Nisha

Total Attachments: 2

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PATENT REEL: 024143 FRAME: 0289 **ICH \$40.00**

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PATENT REEL: 024143 FRAME: 0290

PATENT ASSIGNMENT

	n and Srikumar Rangarajan ("ASSIGNOR"),			
have invented subject matter ("INVENTION")				
application entitled "ADAPTIVE ROW-BATCH	PROCESSING OF DATABASE DATA"			
("APPLICATION"), which:				
hereby authorizes, and required the Law and Corporate Affair Microsoft Way, Redmond, Way customer number 69316, to, filed	cuted PATENT ASSIGNMENT. ASSIGNOR ests, ASSIGNEE'S legal representatives, of rs Department, Microsoft Corporation, One ashington 98052, who are associated with insert here in parenthesis (Application No. this APPLICATION's Application No. and was given Application No. 12/727,235			
is filed concurrently herewich	14			
	Corporation, on behalf of itself and its			
successors and assigns ("ASSIGNEE"), is entit				
entire and exclusive rights, title and interest				
(and all other applications and patents deriv				
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 DERIVA				
	iments and documents required for the			
making and prosecution of the APPLICATION				
litigation regarding letters patent derived th				
and perfecting title to the APPLICATION (and	APPLICATION DERIVATIVES).			
Adun -	3/17/2010			
Aleksandras Surna Signature	Date			
ALEKSANDRAS SURNA	ALEKSANDRAS SURNA			
Printed Name in English	Printed Name in Native Language (if other			

Page 1 of 2

than English)

MS Docket No.: 328664.01

PATENT ASSIGNMENT

MS Docket No.: 328664.01

Per-Ake Larson Signature

Per-Ake Larson Signature

Printed Name in English

Printed Name in Native Language (if other than English)

Printed Name Rangarajan Signature

SRIKUMAR RANGARAJAN

Printed Name in English

Printed Name in Native Language (if other

than English)

Page 2 of 2

RECORDED: 03/25/2010