PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chesong Lee	11/14/2011
Thomas J. Miller	11/14/2011
Neal R. Christiansen	11/14/2011
Matthew S. Garson	11/14/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13303170	

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ATTORNEY DOCKET NUMBER: 334165.02

NAME OF SUBMITTER: Ruchika Kapoor

Total Attachments: 2

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\$40.00

PATENT REEL: 027283 FRAME: 0939

PATENT ASSIGNMENT

We, Chesong Lee, Thomas J. Mille	r, Neal R. Christiansen, and Matthew S.
Garson ("ASSIGNOR"), have invented subject ma	ILLE (INVERTION) OBCIOSCO GIO, VI
claimed in a patent application entitled "Query	ing and kepairing Data (Arrucanon),
which:	A C C I C B I C I C I C B I C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C I C B I C C
will be filed without this exec	uted PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and reque	ests, ASSIGNEE'S legal representatives, of
the Law and Corporate Affair	s Department, Microsoft Corporation,
One Microsoft Way, Redmond	i, Washington 98052, who are
	mber 69316, to insert here in
APPLICATION's Application N	lo. and filing date, when known;
was filed on and	was given Application No:
is filed concurrently herewith	
Microsoft Corporation, a Washing	gton Corporation, on behalf of itself and
its successors and assigns ("ASSIGNEE"), is ent	itled to, and is desirous of acquiring, the
entire and exclusive rights, title and interest ir	the INVENTION and the APPLICATION
(and all other applications and patents derived	
applications, in and for the United States, its to	
("APPLICATION DERIVATIVES"));	
For good and valuable considera	tion, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIGNO	R hereby sells, assigns and transfers to
the ASSIGNEE, the entire and exclusive rights,	
the APPLICATION (and APPLICATION DERIVATION	
	nstruments and documents required for
the making and prosecution of the APPLICATION	
litigation regarding letters patent derived ther	
and perfecting title to the APPLICATION (and A	
	·
	11/14/11
	11/14/11
Inventor's Signature	Date
	可利台
Chesong Lee	VI // O
Printed Name in English	Printed Name in Native Language
	(If other than English)
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PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

Inventor's Signature	11/14/2011 Date
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Neal R. Christiansen Printed Name in English	Printed Name in Native Language (if other than English)
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Matthew S. Garson Printed Name in English	Printed Name in Native Language (if other than English)

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