PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasuyuki Matsushita	10/28/2011
Joon-Young Lee	10/27/2011

RECEIVING PARTY DATA

Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052-6399	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13308233

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MS1-5204US
NAME OF SUBMITTER:	Cherri A. Simon

Total Attachments: 2 source=SN1347-Fully Executed Assignment tbf#page1.tif source=SN1347-Fully Executed Assignment tbf#page2.tif

PATENT

REEL: 027300 FRAME: 0265 501739961

PATENT ASSIGNMENT MS Docket No.: 333949.01

Attorney Docket No.: MS1-5204US

I/WE, Joon-Young Lee, Yasuyuki Matsushita, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RESPONSE FUNCTION DETERMINATION BY RANK MINIMIZATION" ("APPLICATION"), which:

\boxtimes	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 22801 , to insert here in parenthesis (Application No. $\frac{13/308,233}{}$, filed $\frac{\text{November }30,\ 2011}{}$) 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).

0123	October 27, 2011
Inventor's Signature	Date
Joon-Young Lee	이준영
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>333949.01</u>

Attorney Docket No.: MS1-5204US

Inventor's Signature Date

松下康之 Yasuyuki Matsushita

Printed Name in English Printed Name in Native Language (if other than English)