Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMED MOINUDDIN	04/21/2011
JOSEPH FUTTY	04/27/2011
MATTHEW GRAHAM DYOR	04/25/2011
DAN E. WALTHER	04/22/2011
SREENIVAS GOLLAPUDI	04/21/2011
STELIOS PAPARIZOS	04/21/2011
JOHN C. SHAFER	04/21/2011

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:	13095504

CORRESPONDENCE DATA

Fax Number: (816)421-5547

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

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Correspondent Name: SHOOK, HARDY & BACON L.L.P. (MICROSOFT C Address Line 1: INTELLECTUAL PROPERTY DEPARTMENT

Address Line 2: 2555 GRAND BOULEVARD

Address Line 4: KANSAS CITY, MISSOURI 64108-2613

ATTORNEY DOCKET NUMBER: 332161.01/MFCP.160938

REEL: 026194 FRAME: 0624

PATENT

DP \$40.00 13095504

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NAME OF SUBMITTER:	John S. Golian
Total Attachments: 5 source=MFCP_160938_Executed_Assignm source=MFCP_160938_Executed_Assignm source=MFCP_160938_Executed_Assignm source=MFCP_160938_Executed_Assignm source=MFCP_160938_Executed_Assignm	ent#page2.tif ent#page3.tif ent#page4.tif

PATENT REEL: 026194 FRAME: 0625

I/WE, MOHAMMED MOINUD	DIN, JOSEPH FUTTY	, MATTHEW GRAHAM DYOR, DAN
E. WALTHER, SREENIVAS GOLLA	PUDI, STELIOS PAI	PARIZOS, and JOHN C. SHAFER
("ASSIGNOR"), have invented subje-	ect matter ("INVENT	ION") disclosed and/or claimed in
a patent application entitled "B		
("APPLICATION"), which:		
	out this avacuted D	PATENT ASSIGNMENT. ASSIGNOR
•	•	SIGNEE'S legal representatives, of
•		rand Blvd., Kansas City, Missouri
		stomer number 45809, to insert
here in parenthesi	s (Application No. $^{-1}$, filed 04/27/2011 this
APPLICATION's Ap	plication No. and fil	ing date, when known;
was filed on	and was give	n Application No;
is filed concurrent	ly herewith;	
Microsoft Corporation, a V	Vashington Corpora	ation, on behalf of itself and its
successors and assigns ("ASSIGNE		
entire and exclusive rights, title a		
(and all other applications and		
• •	·	
applications, in and for the Unit	ted States, its terri	tones, and all foreign countries
("APPLICATION DERIVATIVES"));		
_		e receipt of which is hereby
acknowledged by the ASSIGNOR,	the ASSIGNOR here	by sells, assigns and transfers to
the ASSIGNEE, the entire and excl	usive rights, title a	nd interest in the INVENTION and
the APPLICATION (and APPLICATIO	N DERIVATIVES);	
ASSIGNOR agrees to execu	ite all instruments	and documents required for the
making and prosecution of the	APPLICATION (and	APPLICATION DERIVATIVES), for
litigation regarding letters patent		
and perfecting title to the APPLICA		
and perfecting the to the Arreica	THON (and ATTERCA	TION BERRYATIVES).
	4/21/2011	MOHAMMED MOINUDDIN
COLC	- 1/21/2011	
MOHAMMED MOINUDDIN	Date ¹	Printed Name in Native Language
JOSEPH FUTTY	 Date	Printed Name in Native Language
JOSEF II FOTTT	Date	Timed Name in Native Language
MATTHEW GRAHAM DYOR	Date	Printed Name in Native Language

Page 1 of 2

PATENT REEL: 026194 FRAME: 0626

E. WALTHER, SREENIVAS GOLLAI ("ASSIGNOR"), have invented subje a patent application entitled "BI ("APPLICATION"), which: will be filed without hereby authorizes, Shook, Hardy & Ba 64108, who are a here in parenthesis APPLICATION's Application and subject to the subject to th	PUDI, STELIOS PAPE ct matter ("INVENTION RINGING ACHIEVEM but this executed PA and requests, ASS acon L.L.P. 2555 Gr associated with cust s (Application No plication No. and fili	ON") disclosed and/or claimed in ENTS TO AN OFFLINE WORLD" ATENT ASSIGNMENT. ASSIGNOR IGNEE'S legal representatives, of and Blvd., Kansas City, Missouri tomer number 45809, to insert, filed) this ng date, when known;
_		n Application No;
is filed concurrentl	•	
successors and assigns ("ASSIGNE entire and exclusive rights, title a (and all other applications and applications, in and for the Unit ("APPLICATION DERIVATIVES")); For good and valuable acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive the APPLICATION (and APPLICATION)	E"), is entitled to, and interest in the II patents derived ed States, its territ consideration, the she ASSIGNOR herebusive rights, title an N DERIVATIVES); te all instruments and APPLICATION (and derived therefrom, and	NVENTION and the APPLICATION therefrom, such as continuing tories, and all foreign countries receipt of which is hereby by sells, assigns and transfers to d interest in the INVENTION and and documents required for the APPLICATION DERIVATIVES), for and for the purpose of protecting
MOHAMMED MOINUDDIN	Date	Printed Name in Native Language
De Filly	apr 27 2011	Soe Futty
JOSZPH FUTTY	Date	Printed Name in Native Language
MATTHEW GRAHAM DYOR	Date	Printed Name in Native Language

Page 1 of 2

MS Docket No. 332161.01 (OC Docket No.)MFCP.160938

PATENT ASSIGNMENT

I/WE, MOHAMMED MOINU	IDDIN, JOSEPH FUTTY	Y, MATTHEW GRAHAM DYOR, DAN	
E. WALTHER, SREENIVAS GOLL	APUDI, STELIOS PA	PARIZOS, and JOHN C. SHAFER	
		TON") disclosed and/or claimed in	
		MENTS TO AN OFFLINE WORLD"	
("APPLICATION"), which:			
• • • • = • = • • • • • • • • • • • • •	hout this avacuted	PATENT ASSIGNMENT. ASSIGNOR	
		SIGNEE'S legal representatives, of	
		Grand Blvd., Kansas City, Missouri	
		stomer number 45809, to insert	
	sis (Application No.		
		iling date, when known;	
was filed on	and was give	en Application No	
is filed concurre	ntly herewith;		
Microsoft Corporation, a	Washington Corpor	ation, on behalf of itself and its	
		and is desirous of acquiring, the	
entire and exclusive rights, title	and interest in the	INVENTION and the APPLICATION	
		therefrom, such as continuing	
		ritories, and all foreign countries	
("APPLICATION DERIVATIVES")):	inted States, its teri	and the same and t	
	a gansidountion th	ne receipt of which is hereby	
		eby sells, assigns and transfers to	
		and interest in the INVENTION and	
the APPLICATION (and APPLICAT			
ASSIGNOR agrees to exe	cute all instruments	and documents required for the	
making and prosecution of th	e APPLICATION (and	APPLICATION DERIVATIVES), for	
litigation regarding letters pater	nt derived therefrom,	, and for the purpose of protecting	
and perfecting title to the APPLK	CATION (and APPLICA	ATION DERIVATIVES).	
		<u> </u>	_
MOHAMMED MOINUDDIN	Date	Printed Name in Native Language	
MOLECULED MOLECULE			
INCENTIFIED	Date	Printed Name in Native Language	_
JOSEPH FUTTY	Date	Fillica Italica in Italica anng ang a	
The Park	4/25/11	MATTHEW GRAHAM DYOR	
V1/04/051)			-,-
MATTHEW GRAHAM DYOR	Date	Printed Name in Native Language	
	Page 1 of 2	:	
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Page 2 of 2

DAN E. WALTHER	4/22/2011 Date	Dan E. Walther Printed Name in Native Language
SREENIVAS GOLLAPUDI	Date	Printed Name in Native Language
STELIOS PAPARIZOS	Date	Printed Name in Native Language
IOHN C. SHAFER	Date	Printed Name in Native Language

DAN E. WALTHER

Date

Printed Name in Native Language

OU-21-2011

Printed Name in Native Language

Adaptor

STELIOS PAPARIZOS

Date

Printed Name in Native Language

Printed Name in Native Language

JØHN C. SHAFER

4/21/2011

Date

Printed Name in Native Language