502229621 02/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOMAK CHATTOPADHYAY	01/28/2013
DONG WEI	01/29/2013
SUMAN NATH	01/31/2013

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:	13733288	

CORRESPONDENCE DATA

Fax Number: 8164215547

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

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Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: BENJAMIN P. TABOR

Total Attachments: 6

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PATENT REEL: 029804 FRAME: 0204 OF \$40.00 13/3328

502229621

MS Docket No. 337572.01 (OC Docket No. MFCP.175131)

PATENT ASSIGNMENT

I, So <u>mak Chattopadhy</u> oint inventor of subject n	natter ("INVENTIO	V") disclosed and/	or claimed in a
nonprovisional patent appli Anomalies" ("APPI ICATION"), v	cation entitied § vhich:	Junparmo 18000	1 5
will be ASSIGNEE'S legs Department, Mi Washington 980 In parentheses 13/733,288 SHOOK HARDY & filing date, and fi	filed. ASSIGNOR al representatives, icrosoft Corporatives 52 (ASSIGNEE'S LE (filed on JANUARY by BACON L.L.P. Diffice, when known		Corporate Affairs Way, Redmond, ES), to insert here n Application No. ing Office 's Application No.,
	_ by the following , a Washington Co SIGNEE"), is entitled itle and interest in and patents der United Stales, its	I to, and is desirou: the INVENTION and ived therefrom, su	f of itself and its of acquiring, the the APPLICATION of as continuing
ASSIGNOR hereby REPRESENTATIVES to insert following Lable for any APPLIC	the Application	vo., filin g date, an	d Office into the
Application No.	Filing Date	Office	
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			10 Pi
VIA	4,4		
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Page 1 of 2

5452292 VI

MS Docket No. 337572.01 (OC Docket No. MFCP.175131)

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

SCOUNTY 1/28/2013

Somak Chattopadhyay Date

SOMAK CHATTOPADHYAY

Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

i, <u>Dong Wei</u> (ASSIGNOI	R) am the original invento	or or an original Joint Inventor
of subject matter ("INVENTION		
application entitled "Comparin	g Node States To Detect	Anomalies" ("APPLICATION"),
which:		
		authorizes, and requests, Law and Corporate Affairs
Department, Mic	rosoft Corporation, One	e Microsoft Way, Redmond,
Washington 9805	2 (ASSIGNEE'S LEGAL REP	RESENTATIVES), to insert here
in parentheses (f	iled on JANUARY 3, 2013	and given Application No.
13/733,288	by the	following Office
SHOOK HARDY & BACO	N L.L.P.) this Al	PPLICATION's Application No.,
filing date, and O	ffice, when known;	
	n and was by the following Office "_	given Application No
successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the following table for any APPLICA	he Application No., filin	g date, and Office into the
Application No.	Filing Date	Office
	I	

Page 1 of 2

5452293 v1

MS Docket No. 337572.01 (OC Docket No. MFCP.175131)

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSICNEE, ASSICNOR's 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).

j Traphe's	1/29/2013
Dong Wei	Date
DONG WEL _	
Printed Name in English	Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

l, <u>Suman Nath</u> ("ASSI	GNOR") am the origina	l inventor or an original joint
inventor of subject matter ("IN	VENTION") disclosed and	d/or claimed in a nonprovisional
patent application entitled	"Comparing Node S	tates To Detect Anomalies"
("APPLICATION"), which:		
ASSIGNEE'S lega Department, Mic Washington 9805 in parentheses (1 13/733,288 SHOOK HARDY & BACO	representatives, of the representatives, of the rosoft Corporation, Co	by authorizes, and requests, he Law and Corporate Affairs one Microsoft Way, Redmond, EPRESENTATIVES), to insert here and given Application No. following Office APPLICATION's Application No.,
	CLEAN AND THE STATES OF THE CLEAN AND ASSETS.	
was filed o	n and w	as given Application No
		59,
successors and assigns ("ASSIGNOR hereby REPRESENTATIVES");	GNEE"), is entitled to, and le and interest in the IN and patents derived to Juited States, its territor authorizes, and rehe Application No., file TION DERIVATIVES after	
Application No.	Filing Date	Office
Military		
	- Andrewson - Company of the Company	:

Page 1 of 2

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

Smo	1/31/13
Suman Nath Suman Nath	Date
Printed Name in English	Printed Name in Native Language (if other than English)