503689204 02/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3735842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUANXIONG GUO	03/25/2009
GUOHAN LV	03/25/2009
DAN LI	03/25/2009
HAITAO WU	03/25/2009
YONGGUANG ZHANG	03/25/2009
YUNFENG SHI	03/27/2009
DANFENG ZHANG	03/27/2009
SONGWU LU	07/13/2009

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:	15040819

CORRESPONDENCE DATA

Fax Number: (509)323-8979

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5093249256

Email:cherri@leehayes.comCorrespondent Name:LEE & HAYES, PLLCAddress Line 1:601 WEST RIVERSIDE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MS1-3848USC2
NAME OF SUBMITTER:	CHERRI A. SIMON
SIGNATURE:	/Cherri A. Simon/

DATE SIGNED:	02/11/2016
Total Attachments: 10	
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FEBRUARY 4, 2016

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LEE & HAYES, PLLC 601 W. RIVERSIDE AVENUE STE 1400 SPOKANE, WA 99201 503677968

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RECORDATION DATE: 02/03/2016 REEL/FRAME: 037655/0343

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: MS1-3848USC1

ASSIGNOR:

GUO, CHUANXIONG DOC DATE: 03/25/2009

ASSIGNOR:

LV, GUOHAN DOC DATE: 03/25/2009

ASSIGNOR:

LI, DAN DOC DATE: 03/25/2009

ASSIGNOR:

WU, HAITAO DOC DATE: 03/25/2009

ASSIGNOR:

ZHANG, YONGGUANG DOC DATE: 03/25/2009

ASSIGNOR:

SHI, YUNFENG DOC DATE: 03/27/2009

ASSIGNOR:

ZHANG, DANFENG DOC DATE: 03/27/2009

 ASSIGNOR:

LU, SONGWU DOC DATE: 07/13/2009

ASSIGNEE:

MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WASHINGTON 98052

APPLICATION NUMBER: 13273143 FILING DATE: 10/13/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SERVER-CENTRIC HIGH PERFORMANCE NETWORK ARCHITECTURE FOR MODULAR

DATA CENTERS

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



United States Patent and Trademark Office



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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUANXIONG GUO	03/25/2009
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Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	13273	13273143	

CORRESPONDENCE DATA			
Fax Number:	(509)323-897	9	
Phone:	509-324-9256		
Email:	saybram@lee		
provided; if that is unsuccessful, it w		first; if that is unsuccessful, it will be sent using a fax number, if US Mail.	
Correspondent Name:	LEE & HAY	ES, PLLC	
Address Line 1:		ERSIDE AVENUE STE 1400	
Address Line 4:	SPOKANE,	WASHINGTON 99201	
ATTORNEY DOCKET NUMBER:		MS1-3848USC1	
NAME OF SUBMITTER: SAYBRA MORRIS			
Signature: /Saybra Morris/			
Date:		02/03/2016	
Total Attachments: 6 source=S67214#page1.tif source=S67214#page2.tif source=S67214#page3.tif source=S67214#page4.tif source=S67214#page5.tif source=S67214#page6.tif			
RECEIPT INFORMATION EPAS ID:	PAT3724604		
Receipt Date:	02/03/2016		

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WE, Chuanxiong Guo, Guohan Lu, Da	_
Danfeng Zhang, Yongguang Zhang, and Songwu I	.u ("ASSIGNOR"), have invented
subject matter ("INVENTION") disclosed and/or cla	imed in a patent application entitled
"SERVER-CENTRIC HIGH PERFORMANCE NETWORK A	ARCHITECTURE FOR MODULAR DATA
CENTERS" ("APPLICATION"), which:	:
will be filed without this execute	d PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requests	, ASSIGNEE'S legal representatives, of
	side Avenue, Suite 1400, Spokane,
Washington 99201, who are asso	
	esis (Application No. 12/351,355 ,
	ION's Application No. and filing date,
when known;	in a superior to and ming date;
was filed on 1/9/2009 and wa	as given Application No. 12/351 355
1	3 g. c. Apprendion No. 12/331,333
is filed concurrently herewith;	
Microsoft Corporation, a Washington	Corporation on behalf of itralf and
its successors and assigns ("ASSIGNEE"), is entitled	to and is desirous of acquiring the
entire and exclusive rights, title and interest in the	
(and all other applications and patents derived the	
applications, in and for the United States, its territ	
("APPLICATION DERIVATIVES"));	ones, and an toreign countries
For good and valuable consideration	the version of colline to 1
acknowledged by the ASSIGNOR, the ASSIGNOR he	
the ASSIGNEE, the entire and exclusive rights, title	
the APPLICATION (and APPLICATION DERIVATIVES)	•
ASSIGNOR agrees to execute all instr	
the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent derived therefro	m, and for the purpose of protecting
and perfecting title to the APPLICATION (and APPL	ICATION DERIVATIVES).
Brown X: any Gio March 25 2009	
	Chuanxiong Guo
Inventor's Signature Date	Printed Name in Native Language
Cumhan Lu March 15 2009	F
	Guohan Lu
Inventor's Signature Date	Printed Name in Native Language

\circ 1	PATENT ASSIGNM	ENT
Jan (i	3 vs. 2009	Dan Li
Inventor's Signature	Date	Printed Name in Native Language
Giron	Month 25, 2009	Haitao Wu
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Yunfeng Shi Printed Name in Native Language
		Danfeng Zhang
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	3/1/09 Date	Yongguang Zhang Printed Name in Native Language
Inventor's Signature	Date	Songwu Lu Printed Name in Native Language
		mine in radire canguage

WE, Chuan	xiong Guo, Guohan Li	u, Dan Li, Haitao Wu, Yunfeng Shi,
Danfeng Zhang, Yonggu	ang Zhang, and Sono	wu Lu ("ASSIGNOR"), have invented
subject matter ("INVENTI	ON") disclosed and /o	r claimed in a patent application entitled
"SERVER-CENTRIC HIGH F	PERFORMANCE NETWO	RK ARCHITECTURE FOR MODULAR DATA
CENTERS" ("APPLICATION	1") which:	KK AKCHITECTURE FOR MODULAR DATA
- Contract of the Contract of		A DATEUT ACCIONATION
		cuted PATENT ASSIGNMENT. ASSIGNOR
nereby	authorizes, and requ	ests, ASSIGNEE'S legal representatives, of
Lee & F	layes, PLLC, 601 W. R	iverside Avenue, Suite 1400, Spokane,
		associated with customer number
22801	, to insert here in pare	enthesis (Application No. 12/351,355 ,
filed <u>1</u>	<u>(9/2009</u>) this APPLI	CATION's Application No. and filing date,
when k	nown;	
🔀 was file	ed on <u>1/9/2009</u> an	d was given Application No. 12/351,355
,		week and the state of the state
is filed	concurrently herewith	n;
		gton Corporation, on behalf of itself and
its successors and assign	ns ("ASSIGNEE"), is ent	itled to, and is desirous of acquiring, the
entire and exclusive righ	ts, title and interest in	the INVENTION and the APPLICATION
(and all other application	is and natents derived	therefrom, such as continuing
applications in and for t	he United States lits to	orritories and all families
("APPLICATION DERIVATI	NECINIEU States, Its ti	erritories, and all foreign countries
roi good ar	iu valuable consideral	tion, the receipt of which is hereby
acknowledged by the ASS	JGNOR, the ASSIGNO	R hereby sells, assigns and transfers to
the ASSIGNEE, the entire	and exclusive rights,	title and interest in the INVENTION and
the APPLICATION (and AF		
ASSIGNOR a	igrees to execute all i	nstruments and documents required for
the making and prosecut	ion of the APPLICATIO	ON (and APPLICATION DERIVATIVES), for
litigation regarding letter	s patent derived there	efrom, and for the purpose of protecting
and perfecting title to the	APPLICATION (and A	PPLICATION DERIVATIVES).
		Chuanxiong Guo
Inventor's Signature	Date	Printed Name in Native Language
		Timed Name in Native Language
		Contract
Inventor's Signature	Date	Guohan Lu
	Dale	Printed Name in Native Language

Immunity of the		Dan Li
Inventor's Signature	Date	Printed Name in Native Language
Inventorie		Haitao Wu
Inventor's Signature	Date	Printed Name in Native Language
\$ 3.13	2026 2 1	
104M	209.3.2)	Yunfeng Shi
Inventor's Signature	Date	Printed Name in Native Language
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it rus	2009.2.2	
Inventor's Signature		Danfeng Zhang
mentor s signature	Date	Printed Name in Native Language
		Yongguang Zhang
Inventor's Signature	Date	
•	- 210	Printed Name in Native Language
Inventor's Cianas		Songwu Lu
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>325915.01</u> (OC Docket No.: <u>MS1-3848US</u>)

acknowledge the ASSIGNE the APPLICA the making a litigation reg	ed by E, the TION ASS and p ardir ng tit	e entire and exclusive rights (and APPLICATION DERIVAT IGNOR agrees to execute all prosecution of the APPLICATION (and letters patent derived the leto the APPLICATION (and	OR hereby sells, assigns and transfers to title and interest in the INVENTION and TIVES); instruments and documents required for ION (and APPLICATION DERIVATIVES), for refrom, and for the purpose of protecting APPLICATION DERIVATIVES). Chuanxiong Guo Printed Name in Native Language Guohan Lu
acknowledge the ASSIGNE the APPLICA the making a litigation reg and perfection	ed by E, the TION ASS and p ardir ng tit	e entire and exclusive rights (and APPLICATION DERIVAT IGNOR agrees to execute all prosecution of the APPLICATION (and letters patent derived the leto the APPLICATION (and	title and interest in the INVENTION and IVES); instruments and documents required for ION (and APPLICATION DERIVATIVES), for refrom, and for the purpose of protecting APPLICATION DERIVATIVES). Chuanxiong Guo
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acknowledge the ASSIGNE	ed by E, the TION	e entire and exclusive rights (and APPLICATION DERIVAT	, title and interest in the INVENTION and IVES);
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		ERIVATIVES"));	cornones, and an ioreign countries
			d therefrom, such as continuing territories, and all foreign countries
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			ititled to, and is desirous of acquiring, the
			ngton Corporation, on behalf of itself and
		is filed concurrently herewi	
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	\boxtimes	•	nd was given Application No. 12/351,355
		when known;	
			LICATION's Application No. 12/351,355 ,
			e associated with customer number renthesis (Application No. <u>12/351,355</u> ,
			Riverside Avenue, Suite 1400, Spokane,
			uests, ASSIGNEE'S legal representatives, of
			ecuted PATENT ASSIGNMENT. ASSIGNOR
CENTERS" ("A		CATION"), which:	
			ORK ARCHITECTURE FOR MODULAR DATA
	וכו (ו	NVENTION") disclosed and /	or claimed in a patent application entitled
subject matt		ronggaang zhang, and 3011	gwa La (Assignok), nave invented
subject matt	ang, `		.u, Dan Li, Haitao Wu, Yunfeng Shi, gwu Lu ("ASSIGNOR"), have invented

		<u>PATENT A</u> SSIGNM	<u>IENT</u>
	<u></u>		Dan L
، پېښون منست	Inventor's Signature	Date	Printed Name in Native Language
			Haitao Wu
<u> </u>	Inventor's Signature	Date	Printed Name in Native Language
			Yunfeng Sh
	Inventor's Signature	Date	Printed Name in Native Language
			Danfeng Zhang
	Inventor's Signature	Date	Printed Name in Native Language
	-1-33-34-4		Yongguang Zhang
	Inventor's Signature	Date	Printed Name in Native Language
	15	7-13/2009	Songwu Lu
	Inventor's Signature	Date	Printed Name in Native Language