503311076 05/18/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3357694

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJALAKSHMI DANI	04/25/2015
ANAND MENON	04/24/2015
GUANGHUI HE	05/08/2015
JIAHUI WANG	05/12/2015
NEIL SHIPP	05/11/2015
NICK VOICU	05/11/2015
YI ZENG	05/09/2015
YU (KYLE) HUANG	05/12/2015
LARRY ZHU	05/12/2015
DAVID HETHERINGTON	05/12/2015
ZHAOAN LIU	05/13/2015
GAVIN ACKROYD	05/07/2015

RECEIVING PARTY DATA

Name: MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14714786			

CORRESPONDENCE DATA

(952)373-8920 Fax Number:

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: 425-707-9382

Email: sgreenfield@khcip.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

> PATENT -**REEL: 035659 FRAME: 0920**

503311076

ATTORNEY DOCKET NUMBER:	356010.02
NAME OF SUBMITTER:	JOSEPH R. KELLY
SIGNATURE:	/Joseph R. Kelly/
DATE SIGNED:	05/18/2015
Total Attachments: 24	•

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> PATENT REEL: 035659 FRAME: 0921

MS Docket No.: <u>356010.02</u>

I Rajalakshmi Dani ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

\boxtimes	will be	e filed.	ASSIGNOR	hereby	autho	orizes,	and	reques	sts,
	ASSIGN	EE'S legal	representat	ive, Micr	osoft	Techno	ology	Licensii	ng,
	LLC., O	ne Micros	oft Way, Red	mond, Wa	ashing	ton 98	052 (A	SSIGNE	E'S
	LEGAL	REPRESEN	ITATIVES), t	o insert	here	in pa	renthe	ses (fi	led
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	the follo	owing Offi	ce <u>US - Unite</u>	ed States	<u>Patent</u>	and Tr	<u>adem</u>	ark Offi	<u>ce</u>)
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
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Page 1 of 2

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Inventor's Signature

Date

Rajalakshmi Dani

Printed Name in English

Printed Name in Native Language

(if other than English)

I Anand Menon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which: oximes will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No _____ by the following Office Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

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Sandhun	04/24/15
Inventor's Signature	Date
Anand Menon	
Printed Name in English	Printed Name in Native Language
	(if other than English)

ASSIGNEE'S legal representative, Microsoft Technology Licensing
LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
LEGAL REPRESENTATIVES), to insert here in parentheses (filed
on and given Application No by
the following Office US - United States Patent and Trademark Office
this APPLICATION's Application No., filing date, and Office, when
known;
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No by the following Office
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Page 1 of 2

MS Docket No.: 356010.02

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Inventor's Signature Date

Guanghui He 何光辉

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

MS Docket No.: <u>356010.02</u>

I Jiahui Wang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	auth	orizes,	and	requ	ıests,
	ASSI	GNE	E'S legal	representa	itive, Mic	rosoft	Techno	ology	Licer	ısing,
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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MS Docket No.: <u>356010.02</u>

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Jiahui Wang

Jiahui Wang

Printed Name in English

5/12/2015

Date

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Printed Name in Native Language

(if other than English)

Page 2 of 2

PATENT ASSIGNMENT MS Docket No.: 356010.02

• •	disclosed and/or clai	entor or an original joint inventor of med in a patent application entitled JCATION"), which:
ASSIGNEE'S legal LLC., One Micros LEGAL REPRESE on the following Office (1988).	Il representative, Mic soft Way, Redmond, W NTATIVES), to insert and given Appl fice <u>US – United States</u>	authorizes, and requests, rosoft Technology Licensing, lashington 98052 (ASSIGNEE'S here in parentheses (filed lication No
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behalf of itself and its success of acquiring, the entire and op- priority, in the INVENTION and derived therefrom, such as co	ors and assigns ("ASSI exclusive rights, title d the APPLICATION (ar ontinuing applications	nington limited liability company, or GNEE"), is entitled to, and is desirous and interest, including the right or nd all other applications and patents, in whole or in part, in and for the es ("APPLICATION DERIVATIVES"));
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Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: 356010.02

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1101 12	205 105 11
Inventor's Signature	Date
Neil Shipp	THE ACCURAGE AN AND AN AND AN AND AND AND AND AN AND AN AND AND
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Nick Voicu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

\times	will be	filed.	ASSIGNOR	hereby	authori	zes,	and	reque	ests,
	ASSIGNE	E'S legal	representat	ive, Micr	osoft Te	chno	logy I	icens	sing,
	LLC., On	e Microsc	oft Way, Redi	nond, Wa	ashingto	n 980	52 (A	SSIGN	IEE'S
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Lever	05/11/2015
Inventor's Signature	Date
Nick Voicu	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Yi Zeng ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

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MS Docket No.: 356010.02

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- James - Ja	5/9/2015
Inventor's Signature	Date 4 4 11
Yi Zeng	背殺
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 356010.02

inventor of	subject matter ("	'INVENTION") disclosed a	inventor or an original joint and/or claimed in a patent HITECTURE" ("APPLICATION"),
	ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on the following Office	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here and given Application e US – United States Patents Application No., filing o	Technology Licensing, ston 98052 (ASSIGNEE'S in parentheses (filed No by tand Trademark Office)
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behalf of itse of acquiring, priority, in th derived there United States	If and its successors the entire and exceeding the interest of	s and assigns ("ASSIGNEE") clusive rights, title and ir he APPLICATION (and all c tinuing applications, in wh I all foreign countries ("AP	n limited liability company, on is entitled to, and is desirous iterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
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Application		Filing Date	Office
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Page 1 of 2

PATENT ASSIGNMENT	MS	Docket No.:	<u>356010.</u>
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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Yu Huant	05/12/2015
Yu Huang Inventor's Signature	Date
Yu Huang (KYLE)	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Larry Zhu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
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this APPLICATION's Application No., filing date, and Office, when
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No by the following Office
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Segeane Hun	5-12-2015
Inventor's Signature	Date
Larry Zhu	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 356010.02 I David Hetherington ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No _____ by the following Office Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Application No. Filing Date

Page 1 of 2

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PATENT ASSIG	NMENT	MS	Docket	No.:	<u>356010.02</u>
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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

03 UHL	12 MAY 2015
Inventor's Signature	Date
David Hetherington	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Zhaoan Liu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which:

| will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed)

on _____ and given Application No.

the following Office <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when

was filed on	and was given Application
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			Anna Maria de Caración de Cara

MS Docket No.: 356010.02

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| S | 13 | 2015 |
| Inventor's Signature | Date |
| Zhaoan Liu | Printed Name in English | Printed Name in Native Language (if other than English)

MS Docket No.: 356010.02 I Gavin Ackroyd ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY AND PERMISSION ARCHITECTURE" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known: was filed on _____ and was given Application No ______ by the following Office Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Filing Date Application No.

Page 1 of 2

MS Docket No.: 356010.02

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Inventor's Signature

Date

Gavin Ackroyd

Printed Name in English

Printed Name in Native Language

(if other than English)