503257472 04/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3304090

SUBMISSION TYPE: NEW ASSIGN		NEW ASSIGNMENT	
NATURE OF CONVEYA	NCE:		
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
PARANTAP LAHIRI	 		11/07/2012
MAREK JEDRZEJEWICZ		11/02/2012	
MONIKA MACHADO		11/04/2012	
NARESH SUNDARAM			11/02/2012
RECEIVING PARTY DA	ATA		
Name:	MICROS	OFT CORPORATION	
Street Address:	ONE MIC	ROSOFT WAY	
City:	REDMON	ND	
State/Country:	WASHING	GTON	
Postal Code:	98052		
Property Type		Number	
Property Type Application Number:	14	Number 1682482	
Application Number:			
Application Number:		4682482	
Application Number: CORRESPONDENCE I Fax Number:	DATA (2	4682482	successful, it will be sent
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i>	DATA (2 pe sent to ti	4682482	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA (2 pe sent to ti provided; 1 21	4682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA (2 pe sent to ti provided; i 21 do	4682482 16)373-3450 <i>he e-mail address first; if that is uns</i> <i>if that is unsuccessful, it will be sen</i> 16-654-0090 ocketing@cooperlegalgroup.com	
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name:	DATA (2 pe sent to th provided; 1 21 dc C(1682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (2 pe sent to th provided; h 21 do Co 65	4682482 16)373-3450 <i>he e-mail address first; if that is uns</i> <i>if that is unsuccessful, it will be sen</i> 16-654-0090 ocketing@cooperlegalgroup.com	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA (2 pe sent to th provided; 1 21 do 65 SI	4682482 <i>he e-mail address first; if that is uns</i> <i>if that is unsuccessful, it will be sen</i> 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (2 pe sent to th provided; 1 21 dc CC 65 SI IN	4682482 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 6-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	DATA (2 be sent to the provided; f 21 do 21 do 05 SU 05 SU UMBER:	4682482 (16)373-3450 <i>he e-mail address first; if that is uns</i> <i>if that is unsuccessful, it will be sen</i> (6-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330 IDEPENDENCE, OHIO 44131	
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NEA NAME OF SUBMITTER:	DATA (2 be sent to the provided; f 21 do 21 do 05 SU 05 SU UMBER:	4682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330 IDEPENDENCE, OHIO 44131 337325.03	
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (2 be sent to the provided; f 21 do 21 do 05 SU 05 SU UMBER:	4682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330 IDEPENDENCE, OHIO 44131 337325.03 WILLIAM J. COOPER	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NON NAME OF SUBMITTER: SIGNATURE:	DATA (2 be sent to the provided; f 21 do 21 do 05 SU 05 SU UMBER:	4682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330 IDEPENDENCE, OHIO 44131 337325.03 WILLIAM J. COOPER /William J. Cooper/	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N IAME OF SUBMITTER: GIGNATURE: DATE SIGNED:	DATA (2 pe sent to the provided; h 21 do 21 do 65 SI IN UMBER:	4682482 16)373-3450 he e-mail address first; if that is uns if that is unsuccessful, it will be sen 16-654-0090 ocketing@cooperlegalgroup.com OOPER LEGAL GROUP LLC 505 ROCKSIDE ROAD UITE 330 IDEPENDENCE, OHIO 44131 337325.03 WILLIAM J. COOPER /William J. Cooper/	

source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif
source=Assignment#page7.tif
source=Assignment#page8.tif

I <u>Parantap Lahiri</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA PACKET ROUTING</u>" ("APPLICATION"), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 ______) this APPLICATION's Application No., filing date, and Office, when known;
- was filed on _____ and was given Application
 No _____ by the following Office
 *_____";

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"));

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	

			~~~~~

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).

Inventor's Signäture

AHA

Parantap Lahiri

Date

Printed Name in Native Language (if other than English)

PATENT REEL: 035370 FRAME: 0512

Page 2 of 2

I <u>Marek Jedrzejewicz</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA PACKET ROUTING</u>" ("APPLICATION"), which:

> $\boxtimes$  will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 ) this APPLICATION's Application No., filing date, and Office, when known;

was filed on ______ and was given Application No ______ by the following Office "_____";

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"));

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	

## PATENT ASSIGNMENT MS Docket No

MS Docket No.: <u>337325.01</u>

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).

Inventor's Signature	11/2/12 Date	
MAREK JEDRZEJEWICZ	Printed Name in Native Language	
Marek Jedrzejewicz	(if other than English)	

#### PATENT ASSIGNMENT

I <u>Monika Machado</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA PACKET ROUTING</u>" ("APPLICATION"), which:

> will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 ______) this APPLICATION's Application No., filing date, and Office, when known;

was filed on ______ and was given Application No ______ by the following Office "______";

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"));

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
	<u> </u>	

### 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).

And and	13/4/32
Inventor's Signature	Date
Monika Machado	
Monika Machado	Printed Name in Native Language
	(if other than English)

I <u>Naresh Sundaram</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA PACKET ROUTING</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 ______) this APPLICATION's Application No., filing date, and Office, when known;

was filed on ______ and was given Application No ______ by the following Office "_____";

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"));

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

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).

Date

· Noresh

Inventor's Signature

NARESH SUNDARAM

Naresh Sundaram

Printed Name in Native Language (if other than English)

11/2/2012

## PATENT REEL: 035370 FRAME: 0518

**RECORDED: 04/09/2015**