#### 12/16/2015 503614398

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3661029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAMESH NADELLA	12/01/2015
CHRIS F. SEFCIK	12/02/2015
PRASAD DEVIPRASAD	12/08/2015
MANISH SRIVASTAVA	12/15/2015
SREENIVASA R. POKURI	12/04/2015
RAJU SHARMA	12/03/2015

# **RECEIVING PARTY DATA**

Name:	VERIZON PATENT AND LICENSING INC.
Street Address:	ONE VERIZON WAY
City:	BASKING RIDGE
State/Country:	NEW JERSEY
Postal Code:	07920

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14970828

## **CORRESPONDENCE DATA**

Fax Number: (703)439-2658

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.

571-297-0007 Phone: Email: pto@snyderllp.com

SNYDER, CLARK, LESCH & CHUNG, LLP **Correspondent Name:** 

950 HERNDON PARKWAY Address Line 1:

Address Line 2: **SUITE 365** 

Address Line 4: HERNDON, VIRGINIA 20170

ATTORNEY DOCKET NUMBER:	20150646
NAME OF SUBMITTER:	TONY M. COLE
SIGNATURE:	/Tony M. Cole, Reg. No. 43,417/
DATE SIGNED:	12/16/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

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**REEL: 037305 FRAME: 0546** 503614398

# Total Attachments: 6 source=20150646\_Dec\_Assign\_0021-1186#page1.tif source=20150646\_Dec\_Assign\_0021-1186#page2.tif source=20150646\_Dec\_Assign\_0021-1186#page3.tif source=20150646\_Dec\_Assign\_0021-1186#page4.tif source=20150646\_Dec\_Assign\_0021-1186#page5.tif source=20150646\_Dec\_Assign\_0021-1186#page6.tif

PATENT REEL: 037305 FRAME: 0547

# DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: CLOUD WAN OVERLAY NETWORK

Marren Dale:

	oncurrently herewith, Application Number to be assigned by the USPTO, or  as United States Application Number
	Declaration of Inventor
As the below named invent	or, I hereby declare that:
<ul> <li>I believe that I am application; and</li> </ul>	ed application was made or authorized to be made by me; the original inventor or an original joint inventor of a claimed invention in the above-referenced
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine from five (5) years, or both.
	Inventor Assignment Acknowledgement
For good and valuable cons	ideration, the receipt of which is hereby acknowledged, I agree as follows:
worldwide right, title and it as well as in and to said a other applications or regist based on any of said inven Letters Patent which have registrations; and in and to "Patent Rights"). Letters P	the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire interest in and to any and all inventions and other ideas described in the above-identified patent application, pplication and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or rations for Letters Patent which have been or shall be filed in the United States and all foreign countries tions or ideas, or based on or claiming priority to said application; and in and to all original and reissued been or shall be issued in the United States and foreign countries from any of said applications or all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the atent as used herein shall include, without limitation, patents, utility models, industrial designs, and any penty recognized under the Paris Convention for the Protection of Industrial Property.
execute all rightful onths, d by Assignee (or its success through its representatives) Rights, with full authority i deem reasonably necessary papers identified in part it representatives and agents, everything which Assigner	nee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will lectarations, assignments, powers of attorney and other papers related to the Patent Rights when requested ors and/or assigns) without compensation (but at Assignee's expense),; (iii) that I appoint Assignee (acting as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent may place and stead and in my name to take any action and to execute any document which Assignee may or advisable to accomplish the purposes of this assignment, including the execution and filing of the (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, all facts known to me relating to said Patent Rights and the history thereof; and (v) to generally does, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and on for said Patent Rights in Assignee, its successors and assigns.
C. I covenant with Assig the Patent Rights has been to	ince, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting made to others by me, and that full right to convey the same as set forth herein is possessed by me.
	rizon Patem and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US
IN WITNESS to my agreen as set forth below:	nent to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed
Full legal name of Inventor	: Ramesh Nadella
Address 1135 Weldnesses	s n Allen TV 76883

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#### DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

# Declaration of Inventor

As the below named inventor, I hereby declare that:

the above-identified application was made or authorized to be made by me;

Patent Application Title: CLOUD WAN OVERLAY NETWORK

- I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine
  or imprisonment of not more than five (5) years, or both.

#### Inventor Assignment Acknowledgement

For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:

- A. I hereby assign to the Verizon legal entity identified below ("Assignce"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
- B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense),; (iii) that I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all facts known to me relating to said Patent Rights and the history thereof; and (v) to generally do everything which Assignee, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights and for vesting title to said Patent Rights in Assignee, its successors and assigns.
- C. I covenant with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.

ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US

IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:

Full legal name of Inventor: Chris F. Sefcik		
Address: 199 Alexander Court, Lucas, TX 75002		
Signature: CL7.SY	Date:	12/2/15
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PATENT REEL: 037305 FRAME: 0549 }

## DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: CLOUD WAN OVERLAY NETWORK the patent application for which: is being filed concurrently herewith, Application Number to be assigned by the USPTO, or was filed on \_\_\_\_\_\_ as United States Application Number \_\_\_\_\_ or PCT International Application Number . Declaration of Inventor As the below named inventor, I hereby declare that: the above-identified application was made or authorized to be made by me; I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Inventor Assignment Acknowledgement For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application. as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense),; (iii) that I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all facts known to me relating to said Patent Rights and the history thereof; and (v) to generally do everything which Assignee, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights and for vesting title to said Patent Rights in Assignee, its successors and assigns. I covenant with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me. ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below: Full legal name of Inventor: Prasad Deviprasad Address: 3508 Carvers Gap Ct, Carv, NC 27519 Signature: Prasad Deviprasad Date: 12-8-2015

> PATENT REEL: 037305 FRAME: 0550

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# DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Declaration of Inventor

As the below named inventor, I hereby declare that:

- the above-identified application was made or authorized to be made by me;
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine
  or imprisonment of not more than five (5) years, or both.

### Inventor Assignment Acknowledgement

For good and valuable consideration, the receipt of which is hereby acknowledged. I agree as follows:

- A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
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ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US

IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:

Full legal name of Inventor: Manish Srivastava

Address: 620 N Coppell Rd, Apr 1307, Coppell, TX 75019

Signature:

Date: 12/15/2015

PATENT REEL: 037305 FRAME: 0551

# DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

# Patent Application Title: CLOUD WAN OVERLAY NETWORK

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#### Declaration of inventor

As the below named inventor, I hereby declare that:

- the above-identified application was made or susborized to be made by me;
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced
  application; and
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IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:

Full legal name of inventor: Sreenivasa R. Pokuri

Address: 184 Piversmill Rd, Carv, NC 27519

Signature Steam Valor Dece 12/04/2015

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# DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

**RECORDED: 12/16/2015** 

Patent Application Tille: CLOOD WAN OVERLAT NET WORK
the patent application for which:  is being filed concurrently herewith, Application Number to be assigned by the USPTO, or  was filed onas United States Application Number or PCT International Application  Number
Declaration of Inventor
As the below named inventor, I hereby declare that:
<ul> <li>the above-identified application was made or authorized to be made by me:</li> <li>I believe that 1 am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and</li> <li>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.</li> </ul>
Inventor Assignment Acknowledgement
For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:
A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
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C. I covenant with Assignce, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.
ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US
IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:
Full legal name of Inventor: Raju Sharma
Address: 2605 Path View Ct, Raleigh, NC 27613

**REEL: 037305 FRAME: 0553** 

**PATENT** 

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