

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3202836

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDWARD GRINSHPUN	11/06/2014
CHARLES PAYETTE	11/06/2014
BRUCE CILLI	11/06/2014
SAMEER SHARMA	11/20/2014
HARISH VISWANATHAN	11/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALCATEL-LUCENT USA INC.
<b>Street Address:</b>	600-700 MOUNTAIN AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14534968
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)668-8200
<i>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.</i>	
<b>Phone:</b>	703-668-8000
<b>Email:</b>	dcmalroom@hdp.com
<b>Correspondent Name:</b>	HARNES, DICKEY & PIERCE, P.L.C.
<b>Address Line 1:</b>	P.O. BOX 8910
<b>Address Line 4:</b>	RESTON, VIRGINIA 20195
<b>ATTORNEY DOCKET NUMBER:</b>	29250-002769-US
<b>NAME OF SUBMITTER:</b>	GARY D. YACURA
<b>SIGNATURE:</b>	/Gary D. Yacura/
<b>DATE SIGNED:</b>	01/29/2015
<b>Total Attachments: 6</b>	
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## ASSIGNMENT AND AGREEMENT

For value received, we, **Edward Grinshpun** of **Freehold** in County of **Monmouth** and State of **New Jersey**, **Charles Payette** of **Oceanport** in County of **Monmouth** and State of **New Jersey**, **Bruce Cilli** of **Atlantic Highlands** in County of **Monmouth** and State of **New Jersey**, **Sameer Sharma** of **Holmdel** in the County of **Monmouth** and State of **New Jersey** and **Harish Viswanathan** of **Morristown** in the County of **Morris** and State of **New Jersey**, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **SYSTEM AND METHOD FOR DETERMINING CELL CONGESTION LEVEL** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Alcatel-Lucent USA Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Alcatel-Lucent USA Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Alcatel-Lucent USA Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

We agree that, when requested, I shall, without charge to Alcatel-Lucent USA Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Edward Grinshpun  
Edward Grinshpun

Date: 11/6/2014

United States of America  
State of New Jersey  
County of Union

On this 6<sup>th</sup> day of November, 2014, before me personally came E. Grinshpun, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Suzanne R Sabo  
Notary Public



Alcatel-Lucent USA Inc.  
600 Mountain Avenue (Room 3D-201)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

  
\_\_\_\_\_  
Charles Payette

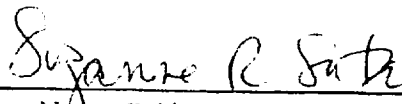
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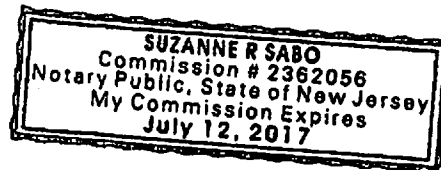
United States of America

State of New Jersey

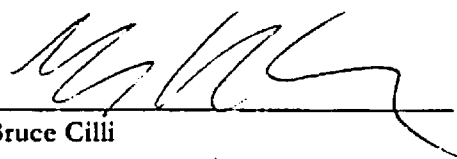
County of Union

On this 6<sup>th</sup> day of November, 2014, before me personally came Charles Payette, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public



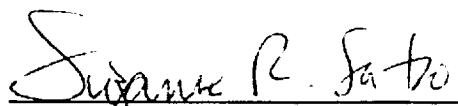
Alcatel-Lucent USA Inc.  
600 Mountain Avenue (Room 3D-201)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

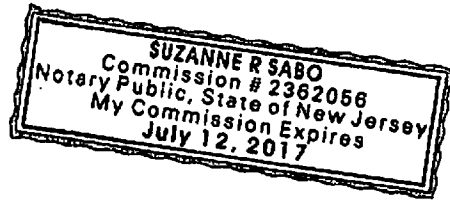
  
\_\_\_\_\_  
Bruce Cilli

Date: 11/6/2014

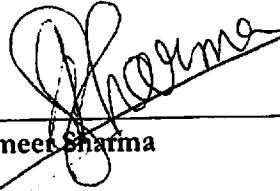
United States of America  
State of New Jersey  
County of Union

On this 6<sup>th</sup> day of November, 2014, before me personally came Bruce Cilli, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public



Alcatel-Lucent USA Inc.  
600 Mountain Avenue (Room 3D-201)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

  
\_\_\_\_\_  
Sameer Sharma

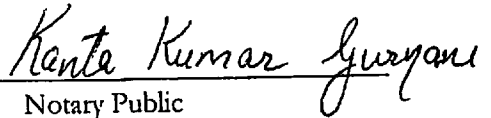
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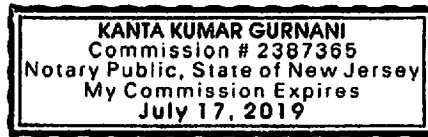
United States of America

State of NEW JERSEY

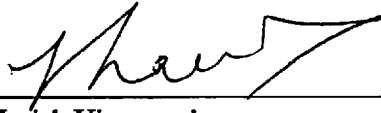
County of UNION

On this 20<sup>th</sup> day of November, 2014 before me personally came Sameer Sharma to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public



Alcatel-Lucent USA Inc.  
600 Mountain Avenue (Room 3D-201)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636



Harish Viswanathan


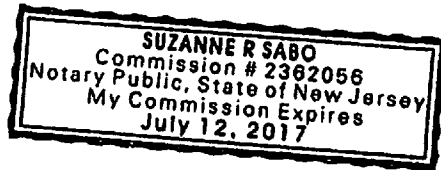
Date: Nov 7, 2014

United States of America

State of New Jersey

County of Union

On this 7<sup>th</sup> day of November, 2014, before me personally  
came HARISH VISWANATHAN to me known to be the individual described in and who executed  
the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Alcatel-Lucent USA Inc.  
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P. O. Box 636  
Murray Hill, New Jersey 07974-0636