

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3852219

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RANDEEP S. BHATIA	03/10/2016
FANG HAO	01/11/2016
TIRUNELL V. LAKSHMAN	01/11/2016
HARISH VISWANATHAN	04/26/2016
RECEIVING PARTY DATA	
Name:	ALCATEL-LUCENT USA INC.
Street Address:	600-700 MOUNTAIN AVENUE
City:	MURRAY HILL
State/Country:	NEW JERSEY
Postal Code:	07974-0636
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14985652
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	732-542-2280
Email:	DLANE@trbkllaw.com
Correspondent Name:	MICHAEL S. BENTLEY
Address Line 1:	TONG, REA, BENTLEY & KIM, LLC
Address Line 2:	12 CHRISTOPHER WAY, SUITE 105
Address Line 4:	EATONTOWN, NEW JERSEY 07724
ATTORNEY DOCKET NUMBER:	818143-US-NP
NAME OF SUBMITTER:	DIANE V. LANE
SIGNATURE:	/Diane V. Lane/
DATE SIGNED:	04/29/2016
Total Attachments: 15	
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ASSIGNMENT AND AGREEMENT

For value received, we,

**Randeep S. Bhatia of Green Brook, NJ;
Fang Hao of Morganville, NJ;
Tirunell V. Lakshman of Morganville, NJ; and
Harish Viswanathan of Morristown, NJ**

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, New Jersey 07974-0636, U.S.A., 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

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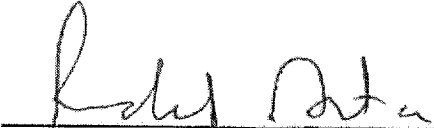
described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign 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, we 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.


Randeep S. Bhatia

Date: 3/10/16

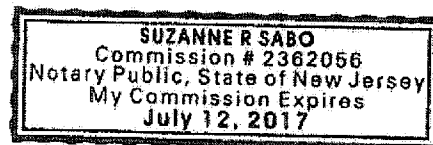
United States of America)

State of New Jersey) ss.:

County of Union)

On this 10th day of March, 2016, before me personally came **Randeep S. Bhatia**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



Fang Hao

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Fang Hao**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Tirunell V. Lakshman

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Tirunell V. Lakshman**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Harish Viswanathan

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, 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.
600-700 Mountain Avenue
Murray Hill, New Jersey 07974-0636

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For value received, we,

**Randeep S. Bhatia of Green Brook, NJ;
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Tirunell V. Lakshman of Morganville, NJ; and
Harish Viswanathan of Morristown, NJ**

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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.

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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, we 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.

Randeep S. Bhatia

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Randeep S. Bhatia**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Fang Hao

Date: 1/11/16

United States of America)


State of) ss.:

County of)

On this 11 day of January, 2016, before me personally came **Fang Hao**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

DIANNE K STATHUM
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # 50024824
MY COMMISSION EXPIRES OCT. 16, 2020



Tirunell V. Lakshman

Date: 11/11/16

United States of America)

State of) ss.:

County of)

On this 11 day of January, 2016, before me personally came **Tirunell V. Lakshman**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

DIANNE K STATHUM
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # 50024824
MY COMMISSION EXPIRES OCT. 16, 2020

Harish Viswanathan

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, 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.
600-700 Mountain Avenue
Murray Hill, New Jersey 07974-0636

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**Randeep S. Bhatia of Green Brook, NJ;
Fang Hao of Morganville, NJ;
Tirunell V. Lakshman of Morganville, NJ; and
Harish Viswanathan of Morristown, NJ**

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We agree that, when requested, we 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.

Randeep S. Bhatia

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Randeep S. Bhatia**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Fang Hao

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Fang Hao**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Tirunell V. Lakshman

Date: _____

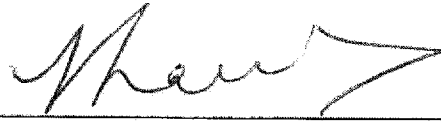
United States of America)

State of) ss.:

County of)

On this _____ day of _____, 2016, before me personally came **Tirunell V. Lakshman**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Harish Viswanathan


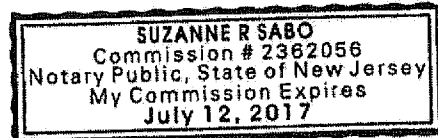
Date: April 26, 2016

United States of America)

State of New Jersey) ss.:

County of Union)

On this 26th day of April, 2016, 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.
600-700 Mountain Avenue
Murray Hill, New Jersey 07974-0636