

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2593371

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
MOHAMMADALI MADDAH-ALI		10/16/2013
VASILEIOS NTRANOS		10/24/2013
RECEIVING PARTY DATA		
Name:	ALCATEL-LUCENT USA INC.	
Street Address:	600-700 Mountain Avenue	
Internal Address:		
City:	Murray Hill	
State/Country:	New Jersey	
Postal Code:	07974-0636	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14054654	
CORRESPONDENCE DATA		
Fax Number:	(512)355-1119	
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>		
Correspondent Name:	DAVIDSON SHEEHAN LLP	
Address Line 1:	1501 WEST AVENUE	
Address Line 2:	SUITE B	
Address Line 4:	AUSTIN, TEXAS 78701	
ATTORNEY DOCKET NUMBER:	4100-814710-US	
NAME OF SUBMITTER:	MARK W. SINCELL	
Signature:	/Mark W Sincell/	

CH \$40.00 14054654

Date:

10/28/2013

**Total Attachments: 4**

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## ASSIGNMENT AND AGREEMENT

For value received, we, MOHAMMADALI MADDAH-ALI of East Brunswick, New Jersey, and VASILEIOS NTRANOS of Los Angeles, California, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, United States of America, 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 **INTERFERENCE ALIGNMENT FOR TRANSMITTER/RECEIVER PAIRS IN WIRELESS COMMUNICATION SYSTEMS** described in an application for Letters Patent of the United States, Serial No. 14/054,654, filed October 15, 2013 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.

Mohammadali Maddah-Ali  
Mohammadali Maddah-Ali

Date: Oct. 16 2013

United States of America )

State of New Jersey ) ss.:

County of Monmouth )

On this 16<sup>th</sup> day of October, 2013, before me personally came, Mohammadali Maddah-Ali to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robert A. Lee  
Notary Public



Vasileios Ntranos

Date: 10/24/2013

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came Vasileios Ntranos to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*See attached notary certificate*

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

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

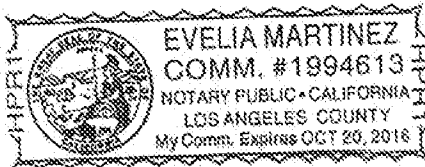
CIVIL CODE § 1169

State of California

County of LOS Angeles

On October 24, 2013 before me, Evelia Martinez Notary Public

personally appeared Vasileios NTRANDS



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Evelia Martinez

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment and agreement

Document Date: October 24, 2013 Number of Pages: Three

Signer(s) Other Than Named Above: N/A

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☒ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
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Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

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OF SIGNER  
Top of thumb here