

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jim J. Chao</td> <td>03/14/2013</td> </tr> <tr> <td>Subramanian Vasudevan</td> <td>03/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jim J. Chao	03/14/2013	Subramanian Vasudevan	03/15/2013				
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Subramanian Vasudevan	03/15/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Alcatel-Lucent USA Inc.</td> </tr> <tr> <td>Street Address:</td> <td>600-700 Mountain Avenue</td> </tr> <tr> <td>City:</td> <td>Murray Hill</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07974</td> </tr> </table>		Name:	Alcatel-Lucent USA Inc.	Street Address:	600-700 Mountain Avenue	City:	Murray Hill	State/Country:	NEW JERSEY	Postal Code:	07974
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13828884</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13828884						
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CORRESPONDENCE DATA											
<p>Fax Number: 2163639001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216.363.9000 Email: rgiuliani@faysharpe.com Correspondent Name: FAY SHARPE/LUCENT Address Line 1: 1228 Euclid Avenue, 5th Floor Address Line 2: The Halle Building Address Line 4: Cleveland, OHIO 44115-1843</p>											
ATTORNEY DOCKET NUMBER:	LUTZ 201526US01										
NAME OF SUBMITTER:	Joseph D. Dreher										
Signature:	/Joseph D. Dreher/										
Date:	06/18/2013										

OP \$40.00 13828884

Total Attachments: 4

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PATENT

REEL: 030637 FRAME: 0018

ASSIGNMENT AND AGREEMENT

For value received, I, Jim J. Chao, of Naperville, Illinois, hereby sell, assign and transfer to Alcatel-Lucent USA Inc. Alcatel-Lucent USA Inc., a corporation of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, 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 METHOD AND SYSTEM TO REDUCE HARMONIC INTERFERENCE OF BROADBAND WIRELESS DEVICES TO GPS RECEIVER described in an application for Letters Patent of the United States, executed by me 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 I 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.

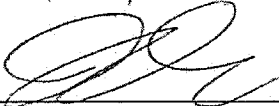
I authorize Alcatel-Lucent USA Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization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

I 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.

I 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.

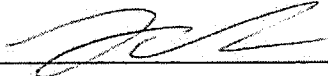
I agree that, when requested, I shall, without charge to Alcatel-Lucent USA Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Signed at Busan, Korea. on 3/14/2013, 2013.

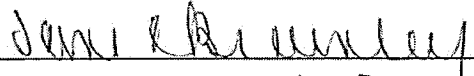


Jim J. Chao

Witnesses:



Printed Name: Jing Sun



Printed Name: JANE C. BROWNLEY

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LUTZ 201526US01
ALU No.: 811386-US-NP

ASSIGNMENT AND AGREEMENT

For value received, I, Subramanian Vasudevan, of Morristown, New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, 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 METHOD AND SYSTEM TO REDUCE HARMONIC INTERFERENCE OF BROADBAND WIRELESS DEVICES TO GPS RECEIVER described in an application for Letters Patent of the United States, executed by me 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 I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

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Date: 03/15/2013

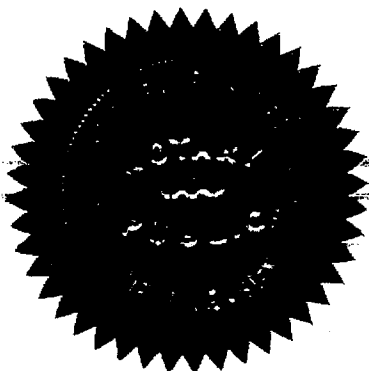
Subramanian Vasudevan
Subramanian Vasudevan

United States of America)

State of NEW JERSEY) ss.:

County of SOMERSET)

On this 15TH day of MARCH 2013, before me personally came Vasudevan Subramanian, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Steven F. Sizer
Notary Public

STEVEN F. SIZER
NOTARY PUBLIC OF NEW JERSEY
ID # 2166770
My Commission Expires June 22, 2014

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