

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3823981

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CARL J. NUZMAN	04/06/2016
RECEIVING PARTY DATA		
Name:	ALCATEL-LUCENT USA INC.	
Street Address:	600-700 MOUNTAIN AVENUE	
City:	MURRAY HILL	
State/Country:	NEW JERSEY	
Postal Code:	07974	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15094351
CORRESPONDENCE DATA		
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<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:	703-668-8000	
Email:	dcmalroom@hdp.com	
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.	
Address Line 1:	P.O. BOX 8910	
Address Line 4:	RESTON, VIRGINIA 20195	
ATTORNEY DOCKET NUMBER:	29250-002818-US	
NAME OF SUBMITTER:	GARY D. YACURA, REG NO 35,416	
SIGNATURE:	/Gary D. Yacura/	
DATE SIGNED:	04/11/2016	
Total Attachments: 2		
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ASSIGNMENT AND AGREEMENT

For value received, I, **Carl J. NUZMAN** of **Union** in County of **Union** 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 **METHODS AND SYSTEMS FOR REDUCING CROSSTALK USING SEQUENTIAL NON-LINEAR VECTORING** 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 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 us, 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.

Attorney Docket No. 29250-002818-US
Alcatel-Lucent Ref. No. 818485-US-NP



Carl J. NUZMAN

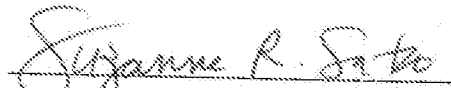
Date: 6 April 2016

United States of America

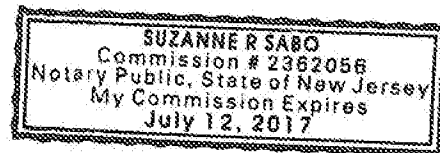
State of New Jersey

County of Union

On this 6th day of April, 2016, before me personally
came Carl J. Nuzman to me known to be the individual described in and who executed
the foregoing instrument, and acknowledged execution of the same.



Notary Public



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