504024157 09/27/2016

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4070816

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICOLAS K. FONTAINE	09/27/2016
DAVID T. NEILSON	09/27/2016
ROLAND RYF	09/27/2016

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:	15277322

CORRESPONDENCE DATA

Fax Number: (215)557-8477

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.

Phone: 215-557-6656

Email: amy@mendelip.com, ipsnarocp@nokia.com

Correspondent Name: STEVE MENDELSOHN

Address Line 1: MENDELSOHN DUNLEAVY, P.C.

Address Line 2: 1500 JOHN F. KENNEDY BLVD., SUITE 312
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102

ATTORNEY DOCKET NUMBER: 818559-US-NP

NAME OF SUBMITTER: YURI GRUZDKOV

SIGNATURE: /Yuri Gruzdkov/

DATE SIGNED: 09/27/2016

Total Attachments: 4

source=990-0829-Executed-Assignment#page1.tif source=990-0829-Executed-Assignment#page2.tif source=990-0829-Executed-Assignment#page3.tif

PATENT 504024157 REEL: 039867 FRAME: 0491

 $source = 990\text{-}0829\text{-}Executed\text{-}Assignment\#page4.tif}$

ASSIGNMENT AND AGREEMENT

For value received, I/we, Nicolas K. Fontaine, of Aberdeen, New Jersey, David T. Neilson, of Old Bridge, New Jersey, Roland Ryf, Aberdeen, 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, 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 BEAMFORMING FOR AN OPTICAL SWITCH 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.

Nicolas K. Fontaine

Date: 9 27 2014

United States of America)

State of NOW Jersey) ss.:

County of HonHoule)

On this 27 day of <u>Spt(M)</u>, 201/, before me personally came *Nicolas K. Fontaine* known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PATRICIA A TIER Notary Public, State of New Jersey My Commission Expires August 26, 2017

Dávid T. Néilsón

Date: 921 2016

United States of America)

State of New Jers) ss.:

County of Man Month)

On this ______ day of ______ day of _______, 20/4, before me personally came David T. Neilson known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PAIRICIA A TIER Notary Public, State of New Jersey My Commission Expires August 28, 2017

Roland Ryf

Date: 9/27/2014

United States of America)

State of Www.Sersey

) ss.:

County of Hontist

On this 2 day of 10 2016, before me personally came Roland Ryf known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

FAIRICIA A IIER Notary Public, State of New Jersey My Commission Expires August 28, 2017

> PATENT REEL: 039867 FRAME: 0496

RECORDED: 09/27/2016