

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rene-Jean Essiambre	08/02/2010
Christopher R. Doerr	08/26/2010
Roland Ryf	08/02/2010

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:	12827641

CORRESPONDENCE DATA

Fax Number: (908)582-3850
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 908-582-7109
 Email: Sue.Sabo@alcatel-lucent.com
 Correspondent Name: Docket Administrator - Room 3D-201E Alca
 Address Line 1: 600-700 Mountain Avenue
 Address Line 4: Murray Hill, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER:	807176-US-NP
NAME OF SUBMITTER:	John F. McCabe

Total Attachments: 8
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**PATENT
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ASSIGNMENT AND AGREEMENT

For value received, we, Rene'-Jean Essiambre of Red Bank in the County of Monmouth and the State of New Jersey, and Christopher R. Doerr of Middletown in the County of Monmouth and the State of New Jersey, and Roland Ryf of Aberdeen in the County of Monmouth and the 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, 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 **Multimode Optical Communication** described in an application for Letters Patent of the United States, Serial No. 12/827641, filed June 30, 2010, which claims priority of United States Provisional Serial No. 61/321013, filed April 5, 2010, 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.

Rene'-Jean Essiambre

Date: _____

United States of America)

State of _____) ss.:

County of _____)

On this _____ day of _____, 20____, before me personally came, Rene'-Jean Essiambre to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Christopher R Doerr
Christopher r. Doerr

Date: 8/26/2010

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 26th day of August, 2010, before me personally came, Christopher r. Doerr to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia A Tier
Notary Public

Patricia A Tier
Notary Public
New Jersey
My Commission Expires 8/28/2012

Roland Ryf

Date: _____

United States of America)

State of _____) ss.:

County of _____)

On this _____ day of _____, 20____, before me personally came, Roland Ryf to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Alcatel-Lucent USA Inc.
Docket Administrator - Room 3D-201E
Alcatel-Lucent USA Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974-0636

ASSIGNMENT AND AGREEMENT

For value received, we, Rene'-Jean Essiambre of Red Bank in the County of Monmouth and the State of New Jersey, and Christopher R. Doerr of Middletown in the County of Monmouth and the State of New Jersey, and Roland Ryf of Aberdeen in the County of Monmouth and the 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, 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 **Multimode Optical Communication** described in an application for Letters Patent of the United States, Serial No. 12/827641, filed June 30, 2010, which claims priority of United States Provisional Serial No. 61/321013, filed April 5, 2010, 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.

Rene'-Jean Essiambre
Rene'-Jean Essiambre

Date: August 2, 2010

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 2nd day of August, 2010, before me personally came, Rene'-Jean Essiambre to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia A Tier
Notary Public

Patricia A Tier
Notary Public
New Jersey
My Commission Expires 8/28/2012

Christopher r. Doerr

Date: _____

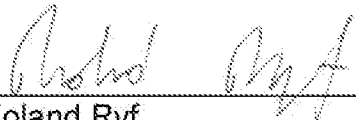
United States of America)

State of _____) ss.:

County of _____)

On this _____ day of _____, 20_____, before me personally came, Christopher r. Doerr to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Roland Ryf

Date: August 2, 2010

United States of America)
State of New Jersey) ss.:
County of Monmouth)

On this 2nd day of August, 2010, before me personally came, Roland Ryf to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Patricia A Tier
Notary Public
New Jersey
My Commission Expires 8/28/2012

Alcatel-Lucent USA Inc.
Docket Administrator - Room 3D-201E
Alcatel-Lucent USA Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974-0636