12/02/2015 503592746

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3639376

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL VOOIS	01/11/2013
DIEGO ERNESTO CRIVELLI	01/10/2013
RAMIRO ROGELIO LOPEZ	01/10/2013
JORGE MANUEL FINOCHIETTO	01/10/2013
OSCAR ERNESTO AGAZZI	10/04/2013
NARIMAN YOUSEFI	06/17/2015
NORMAN L. SWENSON	06/17/2015

RECEIVING PARTY DATA

Name:	CLARIPHY COMMUNICATIONS, INC.
Street Address:	7585 IRVINE CENTER DRIVE, SUITE 100
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14743660

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 650.335.7692

Email: ckenyon@fenwick.com JASON E. AMSEL **Correspondent Name:**

801 CALIFORNIA STREET Address Line 1:

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	24680-29806/US
NAME OF SUBMITTER:	JASON E. AMSEL
SIGNATURE:	/Jason E. Amsel/
DATE SIGNED:	12/02/2015

PATENT REEL: 037190 FRAME: 0030 503592746

Total Attachments: 7 source=29806_US_Assignment_From_Parent_Fully_Executed#page1.tif source=29806_US_Assignment_From_Parent_Fully_Executed#page2.tif source=29806_US_Assignment_From_Parent_Fully_Executed#page3.tif source=29806_US_Assignment_From_Parent_Fully_Executed#page4.tif source=29806_US_Assignment_From_Parent_Fully_Executed#page5.tif

source=29806_US_Assignment_From_Parent_Fully_Executed#page6.tif source=29806_US_Assignment_From_Parent_Fully_Executed#page7.tif

PATENT REEL: 037190 FRAME: 0031

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to ClariPhy Communications, Inc., a Delaware corporation, having a place of business at 7585 Irvine Center Drive, Suite 100, Irvine, CA 92618 ("ASSIGNEE"), for itself and its successors, transferces, and assignces, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 13/655,302, entitled "Coherent Optical Transceiver with Programmable Application Modes," filed on October 18, 2012, which claims priority from a provisional, filed on October 18, 2011, now bearing US Application No. 61/548,675.
- 2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (i) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

fof2

24680/21806/00/08/2778849.3

3	11	23	
ŗ.	iis	8 3 (ŧ,

Coherent Optical Transceiver with Programmable Application Modes October 18, 2012

13/655,392

Application No.:

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature
ad K	1.13
Paul Voois	•
Name and Signature	Date of Signature
Diego Ernesto Crivelli	
Name and Signature	Date of Signature
Ramiro Rogelio Lopez	
Name and Signature	Date of Signature
Jorge Manuel Finochietto	
Name and Signature	Date of Signature
Oscar Ernesto Agazzi	

macu. Application No.: October 18, 2012 13/655,302

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature
Paul Voois	
Name and Signature	Date of Signature
Diego Ernesto Crivelli	<u> </u>
Name and Signature	Date of Signature
一直 Ramiro Rogelio Lopez	
Name and Signature	Date of Signature
Jorge Manuel Finochietto	10 th January 2013
Name and Signature	Date of Signature
Oscar Ernesto Agazzi	

Title:
Filed:

Coherent Optical Transceiver with Programmable Application Modes

October 18, 2012

Application No.:

13/655,302

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature
Paul Voois	***************************************
Name and Signature	Date of Signature
Diego Ernesto Crivelli	
Name and Signature	Date of Signature
Ramiro Rogelio Lopez	
Name and Signature	Date of Signature
Jorge Manuel Finochietto	***************************************
Name and Signature/	Date of Signature
(Jan Effer	October 4th, 2013
Oscar Ernesto Agazzi	THE RESERVE OF THE PROPERTY OF

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to ClariPhy Communications, Inc., a Delaware corporation, having a place of business at 7585 Irvine Center Drive, Suite 100, Irvine, CA 92618 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 13/655,302, entitled "Coherent Optical Transceiver with Programmable Application Modes," filed on October 18, 2012, which claims priority from a provisional, filed on October 18, 2011, now bearing US Application No. 61/548,675.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

1 of 3

24680/21806/DOCS/2778849.1

Title: Filed: Application No.:	Coherent Optical Transceiver with Programmable Application Modes October 18, 2012 13/655,302	
Name and Signat	ure	Date of Signature
Mr 35.		June 17,2015
Nariman Yousef Name and Signat		Date of Signature

Norman L. Swenson

Title:	Coherent Optical Transceiver with Programmable Application Modes	
Filed:	October 18, 2012	
Application No.:	13/655,302	·····
Name and Signature		Date of Signature
Nariman Yousefi		
Name and Signature		Date of Signature
		6/17/2015
Vorman I. Swenskin	;	7 7