

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4142052

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAMIAN ALFONSO MORERO	11/14/2016
MARIO RAFAEL HUEDA	11/14/2016
SHU HAO FAN	11/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CLARIPHY COMMUNICATIONS, INC.
<b>Street Address:</b>	7585 IRVINE CENTER DRIVE
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92618
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15256210
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
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<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE MARTENS OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
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<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	CPHY.007A2
<b>NAME OF SUBMITTER:</b>	DAVID TROSSEN
<b>SIGNATURE:</b>	/David Trossen/
<b>DATE SIGNED:</b>	11/14/2016
<b>Total Attachments: 4</b>	
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### ASSIGNMENT

WHEREAS, Damian Alfonso Morero, residing in Cordoba, Argentina, Mario Rafael Hueda, residing in Cordoba, Argentina, and Shu Hao Fan, residing in Sunnyvale, California, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHODS FOR TRANSMITTER SKEW AND BIAS ERROR COMPENSATION IN AN OPTICAL COMMUNICATION SYSTEM (collectively hereinafter referred to as the "Work") for which the U.S. Patent Application No. 15/256,210 (hereinafter the "Application") was prepared and filed on September 2, 2016 with the U.S. Patent and Trademark Office and other Patent Offices or Authorities;

AND WHEREAS, ClariPhy Communications, Inc., having an address at 7585 Irvine Center Drive, Suite 100, Irvine, California, 92618 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application Nos. 62/214,404 and 62/346,296, filed September 4, 2016 and June 6, 2016, respectively), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Application No.: 15/256,210  
Filing Date: September 2, 2016

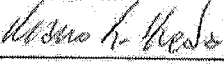
Docket Number: CPHY.007A2  
Page 2 of 2

Legal Name of Inventor: Damian Alfonso Moreno

Signature: 

Date: November 14, 2016

Legal Name of Inventor: Mario Rafael Hueda

Signature: 

Date: November 14, 2016

Legal Name of Inventor: Shu Hao Fan

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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092216

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**ASSIGNMENT**

WHEREAS, Damian Alfonso Morero, residing in Cordoba, Argentina, Mario Rafael Hueda, residing in Cordoba, Argentina, and Shu Hao Fan, residing in Sunnyvale, California, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHODS FOR TRANSMITTER SKEW AND BIAS ERROR COMPENSATION IN AN OPTICAL COMMUNICATION SYSTEM (collectively hereinafter referred to as the "Work") for which the U.S. Patent Application No. 15/256,210 (hereinafter the "Application") was prepared and filed on September 2, 2016 with the U.S. Patent and Trademark Office and other Patent Offices or Authorities;

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AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Application No.: 15/256,210  
Filing Date: September 2, 2016

Docket Number: CPHY.007A2  
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Legal Name of inventor: Damian Alfonso Morero

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of inventor: Mario Rafael Hueda

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Legal Name of inventor: Shu Hao Fan

Signature:  Date: 11-10-2016

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