505766586 11/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN SCHUBERT	11/08/2019
BRIAN ADOLF	11/08/2019
JESSE LU	11/10/2019

RECEIVING PARTY DATA

Name:	X DEVELOPMENT LLC
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16679579

CORRESPONDENCE DATA

Fax Number: (206)224-0779

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: 206.682.1000

Email: yvette.stradling@cojk.com

Correspondent Name: CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC

Address Line 1: 1201 THIRD AVENUE

Address Line 4: SEATTLE, WASHINGTON 98101-3029

ATTORNEY DOCKET NUMBER: XCOM168185

NAME OF SUBMITTER: NATHAN K. CERNETIC, REG NO. 75741

SIGNATURE: /Nathan K. Cernetic/

DATE SIGNED: 11/11/2019

Total Attachments: 2

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PATENT 505766586 REEL: 050970 FRAME: 0587

Attorney Docket No. XCOM-1-68185

<u>ASSIGNMENT</u>

WHEREAS, we, Martin Schubert, Brian Adolf and Jesse Lu, the inventors named in an application for Letters Patent of the United States entitled MULTI-CHANNEL INTEGRATED PHOTONIC WAVELENGTH DEMULTIPLEXER and we hereby authorize the attorneys of the firm of Christensen O'Connor Johnson Kindness^{PLLC}, 1201 Third Avenue, Suite 3600, Seattle, Washington 98101, to insert here in parentheses (Application No. 16/679,579 filed Nov. 11, 2019) the application number and filing date of said application when known;

AND, WHEREAS, X Development LLC, a Delaware corporation having a principal place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment, and transfer not been made; and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Each Inventor: Please Sign and Date Below:

11/8/2019	DocuSigned by: 19795819A42A45A	
Date	Martin Schubert	
11/8/2019	DocuSigned by:	
Date	Brian Adolf	

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11/10/2019	DocuSigned by: Decus Signed by: Decus Signed by: Decus Signed by:	

Date	Jesse Lu	

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RECORDED: 11/11/2019

PATENT REEL: 050970 FRAME: 0589