505271503 01/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5318275

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON M. KULICK	02/20/2018
TIAN LU	02/20/2018

RECEIVING PARTY DATA

Name:	INDIANA INTEGRATED CIRCUITS, LLC
Street Address:	1400 E. ANGELA BLVD., UNIT 107
City:	SOUTH BEND
State/Country:	INDIANA
Postal Code:	46617

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16316683

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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: (412)471-8815

Email: assignments@webblaw.com
Correspondent Name: THE WEBB LAW FIRM

Address Line 1: ONE GATEWAY CENTER

Address Line 2:420 FT. DUQUESNE BLVD., SUITE 1200Address Line 4:PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	6931-1808232
NAME OF SUBMITTER:	JOHN W. MCILVAINE, REG. NO. 34,219
SIGNATURE:	/John W. McIlvaine/
DATE SIGNED:	01/10/2019

Total Attachments: 5

source=RecordationCoverSheetIIC#page1.tif

source=AssignmentIIC#page1.tif source=AssignmentIIC#page2.tif

source = Assignment IIC # page 3.tif

PATENT REEL: 047949 FRAME: 0627

505271503

source=AssignmentIIC#page4.tif

PATENT REEL: 047949 FRAME: 0628

1. Name of conveying party(ies) Jason M. KULICK Tian LU Additional name(s) of conveying party(ies) attached? Yes V No 2. Name and address of receiving party(ie Name: Indiana Integrated Circuits, LLC Internal Address:	
Jason M. KULICK Tian LU Additional name(s) of conveying party(ies) attached? Yes No	3)
Tian LU Internal Address: Additional name(s) of conveying party(ies) attached? Yes No	
Additional name(s) of conveying party(ies) attached? Yes V No	
3. Nature of conveyance/Execution Date(s): Street Address: 1400 E. Angela Blvd., Unit 107	
Execution Date(s) February 20, 2018	
✓ Assignment	
Security Agreement Change of Name City: South Bend	
Joint Research Agreement State: Indiana	
Government Interest Assignment Country: UNITED STATES Zip: 46617	
Executive Order 9424, Confirmatory License	
OtherAdditional name(s) & address(es) attached?	∕es ✓ No
4. Application or patent number(s): This document serves as an Oath/Declaration (37)	CFR 1.63).
A. Patent Application No.(s) B. Patent No.(s)	
16/316,683	
Additional numbers attached? Yes ✓ No	
5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and pater involved: 1	its
Name: <u>John W. McIlvaine</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$0	
Internal Address: The Webb Law Firm	
Authorized to be charged to deposit acc	ount
Street Address: One Gateway Center Enclosed	ount
420 Ft. Duquesne Blvd., Ste 1200 None required (government interest not aff	fecting title)
City: Pittsburgh 8. Payment Information	
State: PA Zip: 15222	
Phone Number: <u>412-471-8815</u>	
Deposit Account Number	
Docket Number: 6931 - 1808232 Authorized User Name	
Email Address: assignments@webblaw.com	
9. Signature: /John W. McIlvaine/ January 10, 2	2019
Signature Date	[I
John W. McIlvaine Total number of pages including cove	
Name of Person Signing sheet, attachments, and documents:	

PATENT REEL: 047949 FRAME: 0629

Application No	PCT/US2017/042766
Attorney Docket	No. <u>6931-1704974</u>

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

METHOD AND SYSTEM TO PASSIVELY ALIGN AND ATTACH FIBER ARRAY TO LASER ARRAY OR OPTICAL WAVEGUIDE ARRAY (Invention Title)

x for which a United States Provisional Patent application was filed on 07/21/2016 (mm/dd/yyyy) and bears Application Number 62/364,990 (hereinafter "said application").	
AND/OR	
for which I have this day executed an application for a United States Patent (hereinafter "said application"). AND/OR	
for which an application for a United States Patent was filed on (mm/dd/yyyy)	
and bears Application Number (hereinafter "said application").	
AND/OR	
for which an international patent application was filed under the Patent Cooperation Treaty on 07/19/2017 (mm/dd/yyyy), bearing Application No. PCT/US2017/042766 (hereinafter "said application").	
AND, WHEREAS, Indiana Integrated Circuits, LLC, a corporation of Indiana, having a place of business at 1400 E. Angela Blvd., Unit 107, South Bend, Indiana 46617, United States of America, hereinafter called the "assignee", is desirous of acquiring the below listed inventor(s)'s entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.	
NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I/we, the below listed inventor(s), hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.	
I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.	
And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me	
Page 1	

PATENT REEL: 047949 FRAME: 0630

Application No. <u>PCT/US2017/042766</u>
Attorney Docket No. <u>6931-1704974</u>

respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional-reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Jason M. KULICK	RESIDENCE: South Bend, Indiana
EXECUTED this 200 day of 1560	_, 2018

WITNESS:

X Checked Box indicates 2 additional pages of signatures.

3T29334.DOCX

Page 2

Application No. <u>PCT/US2017/042766</u>
Attorney Docket No. <u>6931-1704974</u>

2. FULL NAME OF ASSIGNOR: Tian LU	RESIDENCE: Osceola, Indiana
EXECUTED this 20° day of FEB	_, 2017

77 1111100

Name:

Application No. <u>PCT/US2017/042766</u>
Attorney Docket No. <u>6931-1704974</u>

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

NAME OF ASSIGNEE:

PLACE OF BUSINESS:

Indiana Integrated Circuits, LLC

South Bend, Indiana

EXECUTED this 20 day of Falls

. 2012

SIGNATURE

Name: Jason M. Kulick

Title: President and Co-Founder

WITNESS:

Name:

Page 4

3T29334.DOCX

RECORDED: 01/10/2019