

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4314976

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YIXING YANG | 02/09/2017 |
| ALEXANDRE TITOV | 03/07/2017 |
| JAKE HYVONEN | 02/09/2017 |
| YING ZHENG | 03/06/2017 |
| LEI QIAN | 02/09/2017 |
| PAUL HOLLOWAY | 03/06/2017 |
| RECEIVING PARTY DATA | |
| Name: | NANOPHOTONICA |
| Street Address: | 5036 DRIVE PHILLIPS BOULEVARD |
| City: | ORLANDO |
| State/Country: | FLORIDA |
| Postal Code: | 32819 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15103680 |
| CORRESPONDENCE DATA | |
| Fax Number: | (617)646-8646 |
| <i>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.</i> | |
| Phone: | 6176468000 |
| Email: | patents_JHsi@wolfgreenfield.com |
| Correspondent Name: | WOLF GREENFIELD & SACKS, P.C. |
| Address Line 1: | 600 ATLANTIC AVE. |
| Address Line 4: | BOSTON, MASSACHUSETTS 02210 |
| ATTORNEY DOCKET NUMBER: | N0586.70001US01 |
| NAME OF SUBMITTER: | CATHY NICHOLSON |
| SIGNATURE: | /Cathy Nicholson/ |
| DATE SIGNED: | 03/13/2017 |
| Total Attachments: 8 | |

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignors, hereby:

1. Sell, assign and transfer to NanoPhotonica, a Florida Corporation having a place of business at 5036 Drive Phillips Boulevard; Orlando, Florida 32819, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent, filed on June 10, 2016, as U.S. Application Serial No. 15/103,680, bearing Attorney Docket No. N0586.70001US01, and entitled A METHOD AND STRUCTURE OF PROMOTING POSITIVE EFFICIENCY AGING AND STABILIZATION OF QUANTUM DOT LIGHT-EMITTING DIODE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
1. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
2. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
3. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.


02/09/2017
Date


Inventor: Yixing Yang
Address: 3730 NW 26th Street
Gainesville, Florida 32605
Citizenship: P.R. China

STATE/COMMONWEALTH OF Florida
COUNTY OF Alachua

On this ninth day of February, 2017, before me, the undersigned notary public,
personally appeared Yixing Yang, proved to me through satisfactory evidence of
identification, which were _____
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

2.9.2017

My commission expires: _____

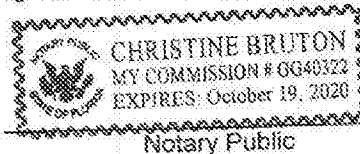
Date 03/07/17

Inventor: Alex Titov
Address: 4728 NW 34th Place
Gainesville, Florida 32606
Citizenship: USA

STATE/Commonwealth of Florida
COUNTY OF Alachua

On this 7th day of March, 2017, before me, the undersigned notary public, personally appeared Alexandre Titov, proved to me through satisfactory evidence of identification, which were FL drivers license # T310-000-87-048-0, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



My commission expires: Oct 19, 2020

Date Feb 9, 2017

Inventor: Jake Hyvonen

Address: 3523 NW 25th Terrace

Gainesville, Florida 32605

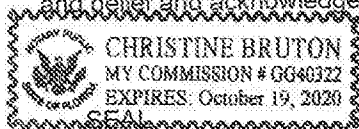
Citizenship: U.S.A.

STATE/Commonwealth of

COUNTY OF

Florida
Alachua

On this 9th day of Feb, 2017, before me, the undersigned notary public, personally appeared Jake Hyvonen, proved to me through satisfactory evidence of identification, which were Florida Drivers License H155-421-89-009-0 to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

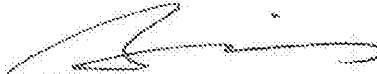


[Signature]
Notary Public

My commission expires:

Oct 19, 2020

03/06/2017
Date



Inventor: Ying Zheng
Address: 7110 SW 85th Terrace
Gainesville, Florida 32608
Citizenship: China

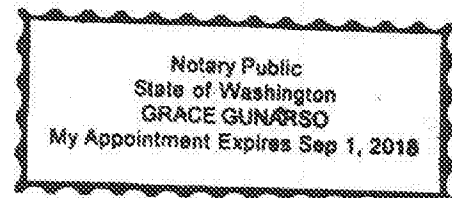
STATE/Commonwealth of Washington
COUNTY OF King

On this 6th day of March, 2017, before me, the undersigned notary public,
personally appeared Ying Zheng, proved to me through satisfactory evidence of
identification, which were Washington Driver License
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

My commission expires: Sept 1st 2018


Notary Public



02/09/2017
Date

Lei Qian
Inventor: Lei Qian
Address: 9010 SW 76th Lane 7979 SW 80th Lane
Gainesville, Florida 32608
Citizenship: P.R. China

STATE/Commonwealth of Florida
COUNTY OF Alachua

On this ninth day of February, 2017, before me, the undersigned notary public,
personally appeared Lei Qian, proved to me through satisfactory evidence of
identification, which were

to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

[Signature]
Notary Public

02/09/17

My commission expires: _____

3/6/2017
Date

Paul H. Holloway
Inventor: Paul H. Holloway
Address: 5036 Dr. Phillips Blvd.
Suite 319
Orlando, Florida 32819
Citizenship:

STATE/Commonwealth of Florida
COUNTY OF Alachua

On this 6th day of March, 2017, before me, the undersigned notary public,
personally appeared Paul H. Holloway, proved to me through satisfactory evidence of
identification, which were personally
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Venice K. Walker
Notary Public

My commission expires:

