505581690 07/22/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BB PHOTONICS INC.	07/16/2019

RECEIVING PARTY DATA

Name:	POET TECHNOLOGIES
Street Address:	780 MONTAGUE EXPRESSWAY, SUITE 107
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15349093

CORRESPONDENCE DATA

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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.

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Correspondent Name: TUE NGUYEN - PATENT2IP LLC
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ATTORNEY DOCKET NUMBER:	OPE-082
NAME OF SUBMITTER:	TUE NGUYEN
SIGNATURE:	/Tue Nguyen/
DATE SIGNED:	07/22/2019

Total Attachments: 2

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PATENT 505581690 REEL: 049811 FRAME: 0004

ASSIGNMENT OF PATENT RIGHTS

This **ASSIGNMENT** (the "**ASSIGNMENT**") is entered into as of this // day of // 2019, by among BB PHOTONICS INC., 2 HIGHVIEW DRIVE, HIGH BRIDGE, NEW JERSEY 08829 ("**ASSIGNOR**") and POET Technologies, 780 Montague Expressway Suite #107, San Jose, CA 95131 ("**ASSIGNEE**").

Whereas, **ASSIGNOR** owns all rights, titles and interests in US Patent Application No. 15/349,093, titled "PHOTONIC INTEGRATED DEVICE WITH DIELECTRIC STRUCTURE", which claims priority from US Provisional Patent Application No. 62/254,254, including all divisions, amendments, continuations, continuation-in-part, reexaminations, renewals, reissues, and extensions of any the US and foreign patents and patent applications (hereinafter the **PATENTS**);

NOW, THEREFORE, the parties agree as follows:

- 1. **ASSIGNOR**: in consideration of payment by **ASSIGNEE** of One Dollar (\$1,.00) and other good and valuable consideration, the receipt and sufficiency of which is here acknowledge, the **ASSIGNOR** hereby now assigns transfers and conveys all rights, titles and interests in the **PATENTS** to **ASSIGNEE**, including all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and to all causes of action (either in law or equity) and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Agreement.
- 2. **ASSIGNEE** shall file such notices or registration with relevant patent offices as are necessary to perfect the agreement, all costs to be borne by **ASSIGNEE**. **ASSIGNOR** agrees to sign otherwise execute all such documents.
- 3. **ASSIGNMENT** maybe executed in any number of counterparts, each of which will be deemed an original, but all of which together constitute one and the same instrument. Executed signature pages to this assignment maybe delivered by facsimile, or by email portable document format (.pdf) and delivery of signature page by such method will have the same effect as if the original signature had been delivered by sending party to the receiving party.
- 4. **ASSIGNMENT** will inure to the benefit of and be binding upon the parties here to and their respective successors, and assigns.

Page 1 of 2

IN WITNESS WHEREOF, the said **ASSIGNOR** and **ASSIGNEE** have caused their respective corporate and legal names to be here to signed.

ASSIGNOR
ASSIGNOR By:
Name: THOMAS R. MIKA
Date: DIRECTOR Date:
Date: 7/16/19
Statement of Witness
, Lovert Ditazio, whose full post address is
, whose full post address is 1. Politica , whose full post address is 1. Politica , was personally present and did witness, Thomas Lika , whose is known to me, execute the above assignment.
Thomas laka , whose is known to me, execute the above assignment.
\ \(\)
Signature of Witness
, ————————————————————————————————————
ASSIGNEE By:
, and the second se
Name: THOMAS R. MIKA
Title: EVP 4 CFO
Date: 7/10/19
Statement of Witness 1, Robert Difizio, whose full post address is
$I, \frac{Rdx_{2}t V_{1}t_{1}z_{1}}{2}, \text{ whose full post address is}$
1901 Rauce Cie, Petalina, (4, was personally present and did witness,
Thomas Mika, whose is known to me, execute the above assignment.
Polit de
Signature of Witness

Page 2 of 2