

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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VLADIMIR Y. VVEDENSKIY	07/18/2017
KHIRUD GOGOI	07/18/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16878491
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NAME OF SUBMITTER:	CHASE O. OFORI-ATTA
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DATE SIGNED:	05/19/2020
Total Attachments: 4	
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ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

"SOLID SUPPORTS AND PHOSPHORAMIDITE BUILDING BLOCKS FOR OLIGONUCLEOTIDE CONJUGATES,"

filed with the U.S. Patent and Trademark Office on July 14, 2017

and assigned serial no. 15/650,773

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- I. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to AM Chemicals LLC, a corporation having a principal place of business at 4065 Oceanside Blvd., Suite M, Oceanside, California 92056-5824 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of

ASSIGNMENT

SOLID SUPPORTS AND PHOSPHORAMIDITE BUILDING BLOCKS FOR OLIGONUCLEOTIDE CONJUGATES

Attorney Docket No. 095111-000310US-1055706

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this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

(d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside our signatures.

Signature: Andrei Pavel Guzaev
Andrei Pavel Guzaev

Date: 7/18/2017

Signature: Vladimir Y. Vvedenskiy
Vladimir Y. Vvedenskiy

Date: 07/18/2017

69756621V.1

See attached California
All-Purpose Acknowledgement

Dated 7-18-2017

PATENT

REEL: 052705 FRAME: 0466

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SOLID SUPPORTS AND PHOSPHORAMIDITE BUILDING BLOCKS FOR
OLIGONUCLEOTIDE CONJUGATES

Attorney Docket No. 095111-000310US-1055706

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Signature: Khirud Gogoi

Date: 07/18/2017

Khirud Gogoi

See attached California
All-Purpose Acknowledgement

Dated 7-18-2017

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1169

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of San Diego

On 07-18-2017 before me, ELSAIED R. HOSNY Notary Public

Date

Here Insert Name and Title of the Officer

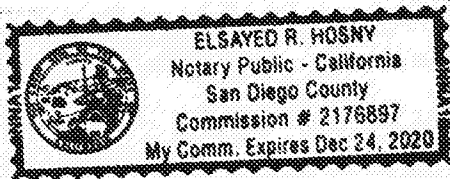
personally appeared ANDREI PAVEL GUZAEV & VLADIMIR Y. VNEDEMSKIY & AHIRUD GOGOI

Names(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT (Patent Application)

Document Date: 07-18-2017 Number of Pages: ONE

Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signor(s)

Signer's Name: _____
 Corporate Officer -- Title(s): _____
 Partner -- Limited General
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Signer's Name: _____
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