PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILAN JEN-LA PLANTE	06/18/2020
CHUNMING WANG	06/18/2020
ASHENAFI DAMTEW MAMUYE	06/18/2020
CHRISTOPHER SUNDERLAND	06/18/2020
JOHN J. CURLEY	06/18/2020

RECEIVING PARTY DATA

Name:	NANOSYS, INC.
Street Address:	233 S. HILLVIEW DRIVE
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16905721

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2132.2890002
NAME OF SUBMITTER:	ROBERT W. ESMOND, REG. NO. 32,893
SIGNATURE:	/Robert W. Esmond, #32,893/
DATE SIGNED:	07/16/2020

Total Attachments: 6

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Ilan JEN-LA PLANTE, Chunming WANG, Ashenafi Damtew MAMUYE, Christopher SUNDERLAND, John J. CURLEY, Nahyoung KIM and Ravisubhash TANGIRALA, hereby sell and assign to Nanosys, Inc., a corporation formed under the laws of Delaware, whose mailing address is 233 S. Hillview Drive, Milpitas, California 95035 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as Bright Silver Based Quaternary Nanos ructures for which an international patent application is to be filed on June 19, 2020 (also known as International Patent Application No. _______ and for which a nonprovisional /DJF application for patent in the United States of America is to filed on June 2020 (also 7/14/20, known as U.S. Patent Application No. 16/905,721), in any and all applications Reg. No. therefrom, in any and all Letters Patent(s) granted from such applications, and

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- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination

application(s) thereof or Letters Patent(s) therefor and to cooperate with the Assignee in every way possible in obtaining evidence and assisting with such judicial or administrative proceeding.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 26111 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with CUSTOMER NUMBER 26111 are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her

name.		1110,-
Date: 6/18/2020	Signature of Inventor:	llan JEN-LA PLANTE
Date: 6/18/2010	Signature of Inventor:	Chunming WANG
Date: 6 18 2020	Signature of Inventor:	Ashquafi Damtew MAMUYE
Date: 6(18/20	Signature of Inventor:	Christopher SUNDERLAND
Date: 6/18/7020		John J. CURLEY
Date	Signature of Inventor:	Nahyoung KIM
Date: 6/18/2020	Signature of Inventor:	

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SIGNED on behalf of the said ASSIGNEE,

NANOSYS, INC.

make Devenne

Title: 5r. Vice President & COO

Date: 6/18/2020

en No.

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Ilan JEN-LA PLANTE, Chunming WANG, Ashenafi Damtew MAMUYE, Christopher SUNDERLAND, John J. CURLEY, Nahyoung KIM and Ravisubhash TANGIRALA, hereby sell and assign to Nanosys, Inc., a corporation formed under the laws of Delaware, whose mailing address is 233 S. Hillview Drive, Milpitas, California 95035 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

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33,876/

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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

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The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

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The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 26111** are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date:	Signature of Inventor:	
		Ilan JEN-LA PLANTE
Date:	Signature of Inventor:	
		Chunming WANG
Date:	Signature of Inventor:	
		Ashenafi Damtew MAMUYE
Date:	Signature of Inventor:	
		Christopher SUNDERLAND
Date:	Signature of Inventor:	
<u>.</u>		John J. CURLEY
Date: June 18, 2020	Signature of Inventor:	m
		Nahyoung KIM
Date:	Signature of Inventor:	
		Ravisubhash TANGIRALA

Page 2 of 3

Appl. No. to be assigned Atty. Docket No. 2132,2890002

SIGNED on behalf of the said ASSIGNEE,

NANOSYS, INC

Name: Marko Devenors

Title: 5r. VP + COO

Date: 7/10/2020

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