504641247 11/14/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GREGORY S. GIROLAMI	08/04/2017
JOSEPH W. LYDING	08/07/2017
JINJU LEE	08/07/2017
SCOTT P. LOCKLEDGE PH.D	08/07/2017

RECEIVING PARTY DATA

Name:	TIPTEK, LLC	
Street Address:	1122 WOODSTOCK LANE	
City:	WEST CHESTER	
State/Country:	PENNSYLVANIA	
Postal Code:	19382	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15235889
PCT Number:	US2017460000

CORRESPONDENCE DATA

Fax Number: (415)738-7229

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: 4153833660

Email: correspondence@frpatents.com

Correspondent Name: FRANK ROSENBERG

Address Line 1: 5737 KANAN ROAD, NO. 190

Address Line 4: AGOURA HILLS, CALIFORNIA 91301

ATTORNEY DOCKET NUMBER:	TT15001
NAME OF SUBMITTER:	FRANK ROSENBERG
SIGNATURE:	/Frank Rosenberg/
DATE SIGNED:	11/14/2017

Total Attachments: 6

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PATENT REEL: 044119 FRAME: 0958

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to

Tiptek, LLC

WHEREAS We (I), Gregory S. GIROLAMI, a citizen of the United States of America residing at 2709 Holcolm Dr., Urbana, Illinois 61802, United States of America; Joseph W. LYDING, a citizen of the United States of America residing at 3010 Meadow Ct., Champaign, Illinois, 61821, United States of America; Jinju LEE, a citizen of the United States of America, residing at 2408 Windward Blvd., #104, Champaign, Illinois 61821, United States of America; and, Scott P. LOCKLEDGE, PhD. residing at 1122 Woodstock Lane, West Chester, PA 19382, United States of America have made certain inventions for which Patent Applications, US and International, were filed as follows:

Type	Application Number	Date Filed	Title
US	15/235,889	August 12, 2016	Scanning Probe and Electron Microscope Probes and Their Manufacture
PCT	PCT/US17/46000	August 9, 2017	Scanning probe Electron Microscope Probes and Their Manufacture

WHEREAS, Tiptek, LLC, having offices at 1122 Woodstock Lane, West Chester, Pennsylvania, 19382, United States of America, a limited liability corporation registered in the State of Delaware herein called "ASSIGNEE", is desirous of acquiring our entire right title and interest in said invention, and in any patent or patents to be obtained therefore;

NOW THEREFOR, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, our full, exclusive and entire, right, title and interest in and to the invention disclosed, shown, described, or claimed in the applications identified above; and in and to any extensions, reissues, divisions, or renewals thereof. And we further assign unto the said Assignee our whole right, title and interest in any claim to priority based on the applications identified above and for which a priority claim may be made in applications US or foreign.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed and that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any associated applications, divisions or renewals of the applications identified above, or for the reissues or extension of any

to

Tiptek, LLC

Supplemental Declarations and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title and interest to all of the inventions disclosed in the application(s) in the United States and throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in it's own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said inventions in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

Assignee hereby acknowledges receipt of the full, exclusive and entire, right, title and interest in and to the invention disclosed, shown, described, or claimed in the applications identified above; and in and to any extensions, reissues, divisions, or renewals thereof. And we further acknowledge receipt of the whole right, title and interest in any claim to priority based on the applications identified above and for which a priority claim may be made in applications US or foreign.

Notary Public - State of Illinois My Commission Expires Apr 7, 2019

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Tiptek, LLC

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at <u>MANONAL</u> . United States of America this 7th day of 1000 , 2017.
211/2/01 , 2017.
Assignor Inventor 2
Joseph W. Lyding
State of ININOIS)
County of Manpaign; iss
This
Notary Public 7
(SEAL)
Action of the Control

OFFICIAL SEAL Kiley Daly

Notary Public, State of Illinois My Commission Expires February 16, 2020

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Tiptek, LLC

CNO	August, 2017. United States of America this 7th day of
	Assignor Inventor 1
	Jinju Lee
	State of OFFICIAL SEAL SEAL SHERILL WILSON Delinois
	County of Incommission express cases Champaign
	This 1 day of 201 before me, a Notary Public in and for the County aforesaid, personally appeared Jinju Lee, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for the uses and purposes therein set forth.
	Notary Public
	(SEAL)
	OFFICIAL SEAL SHERI L. WILSON MOTARY PUBLIC, STATE OF ILLINOIS MCCOMMISSION EXPIRES 1787000

to

Tiptek, LLC

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at
WEST-Chiffer to United States of America this 7 day of
August , 2017.
Assignor Inventor 1
fett O. Johlodge
Scott P. Lockledge, Ph. D
State of R)
County of UKHLY ; ss
This day of AUANT before me, a Notary Public in and for the County aforesaid, personally oppeared, Scott P. Lockledge, Ph. D personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for
the uses and purposes therein set forth.
Notary Public \
(SEAL)
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL JODIE L. ROSENTHAL-YOUNG, Hotary Public East Goshen Twp., Chester County My Commission Expires January 10, 2020

to

Tiptek, LLC

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at
UST COSC. 40. United States of America this 7 day
of AUOUST 2017.
10000 2011.
Assignee
1. H. P. Lochlade
Jado V. portange
Scott P. Lockledge, Chief/Executive Officer,
Tiptek, LLC
State of TH)
No m 101 :88
County of White)
and the state of t
This day of 1005, 2011 before me, a Notary Public in and for the County aforesaid,
personally appeared Scott P. Lockledge, personally known to me and known to be the person described in
and who executed the foregoing assignment on behalf of Tiptek, LLC for the uses and purposes therein set
forth.
Called Mark Control
Y)QUT XXXUVW W · 4X/Mi
Notary Public
(SEAL)
COMMONWEALTH OF PENNSYLVANIA
NOTABLE SEAL
JURIE L. ROSENTHAL-YOUNG NOTERN DIGHTS
1 FOR CAMPAN TO THE PROPERTY OF THE PROPERTY O
My Commission Expires January 10, 2020

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