PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS SICILIANO	04/27/2015
LOUIS LEONG	04/27/2015
PATRICK MARTIN KEOUGH	04/27/2015
ASHLEY SHANIECE BROWN	04/27/2015

RECEIVING PARTY DATA

Name:	INVISIBLE SENTINEL, INC.
Street Address:	3711 MARKET STREET
Internal Address:	SUITE 800, 8TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15161753

CORRESPONDENCE DATA

Fax Number: (610)640-7835

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: 610-640-7820

Email: bwdocket@pepperlaw.com
Correspondent Name: DANIEL M. SCOLNICK
Address Line 1: PEPPER HAMILTON LLP
Address Line 2: 899 CASSATT ROAD

Address Line 4: BERWYN, PENNSYLVANIA 19312

ATTORNEY DOCKET NUMBER:	135958.00621
NAME OF SUBMITTER:	MELISSA SEEBARAN
SIGNATURE:	/Melisssa Seebaran/
DATE SIGNED:	10/03/2016
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Total Attachments: 6

PATENT REEL: 039923 FRAME: 0383

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ASSIGNMENT

WHEREAS, we, Nicholas Siciliano, of Cherry Hill, New Jersey; Louis Leong, of Junction City, Oregon; Martin Patrick Keough, of Lansdowne, Pennsylvania; and Ashley Shaniece Brown, of Philadelphia, Pennsylvania; hereinafter referred to as the ASSIGNORS, have invented a certain invention entitled "Methods and Compositions for Detecting Multiple Analytes With a Single Signal," for which we have made an application for Letters Patent of the United States, said application having been assigned Application Serial No. 13/789,002; and

WHEREAS, Invisible Sentinel, Inc., hereinafter referred to as the ASSIGNEE, of 3711 Market Street, Suite 800, 8th Floor, Philadelphia, Pennsylvania 19104, a corporation of Delaware, is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said ASSIGNEE, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, intending to be legally bound, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this ASSIGNMENT, sale and transfer not been made.

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#18832460 v1

PATENT APPLICATION

Joint Inventors - Notary

DOCKET NO. 135958.00601

AND we hereby covenant that we have full right to convey our entire interest herein

assigned, and that we have not executed and will not execute any agreement in conflict herewith,

and we further covenant and agree that we will each time request is made and without undue

delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to

said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its

successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to

said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements,

said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful

papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to

make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its

successors, assigns, nominees and legal representatives to obtain and enforce for its or their own

benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of

the United States and any official of any country or countries foreign to the United States whose

duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of

our entire right, title and interest, any and all Letters Patent for said inventions or improvements,

including any and all Letters Patent of the United States which may be issued and granted on or

as a result of the application aforesaid, in accordance with the terms of this ASSIGNMENT.

AND this ASSIGNMENT may be executed in multiple counterparts, each of which shall

be deemed to be an original of this ASSIGNMENT. Additionally, we hereby authorize our

attorneys to collect the signature pages of each executed counterpart and to attach those signature

pages to a single copy of this instrument, which single copy and attached signature pages together

shall constitute an original of this ASSIGNMENT.

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AND if the invention requires a biological deposit, ASSIGNORS also grant to ASSIGNEE such control over any deposit made by ASSIGNORS as may be necessary to the validity of the patent rights assigned herein.

IN WITNESS WHEREOF, we have hereunto set our hands and seals. State of: Pennsy Ivonia County of: Philade (Phia

On this <u>27</u> day of <u>Apri</u>, 2015, before me, the undersigned, a Notary Public for the state, personally appeared Nicholas SICILIANO, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing ASSIGNMENT and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the ASSIGNMENT the person, or the entity on behalf of which the person acted, executed the ASSIGNMENT.

WITNESS my hand and official seal.

Sherla L. Green Signature of Notary

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL SHEILA L GREER Notary Public

CITY OF PHILADELPHÍA, PHILADELPHÍA CHTY My Commission Expires Jan 15, 2019

DOCKET NO. 135958.00601	/ PATENT APPLICATION
/ /.	Joint Inventors - Notary
Dated: 4/27/13 , 2015	frie 47)
	Louis LEONG
~ ~ mn)	
State of:	a de la companya de
State of: County of: Marketian State of: State	SS.
for the state, personally appeared Louis LEC basis of satisfactory evidence to be the person acknowledged to me that he/she executed the	2015, before me, the undersigned, a Notary Public ONG, personally known to me/proved to me on the n who subscribed the foregoing ASSIGNMENT and he same in his/her authorized capacity, and that by person, or the entity on behalf of which the person
Dated:, 2015	5
ž.	Martin Patrick KEOUGH
State of:	
· · · · · · · · · · · · · · · · · · ·	SS.
County of:	
for the state, personally appeared Martin Pat me on the basis of satisfactory evidence ASSIGNMENT and acknowledged to me the	2015, before me, the undersigned, a Notary Public trick KEOUGH, personally known to me/proved to to be the person who subscribed the foregoing nat he/she executed the same in his/her authorized: ASSIGNMENT the person, or the entity on behalf GNMENT.
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Signature of Notary	

#18832460 v1

DOCKET NO. 135958.00601

Dated:	, 2015	
VERNERAR REPRESENTATION OF THE STATE OF THE	Panananani Alika Kala P	Louis LEONG
State of:)	SS.
County of:	ý	
for the state, personally basis of satisfactory evid acknowledged to me the	appeared Louis Li lence to be the pen at he/she executed ASSIGNMENT th	, 2015, before me, the undersigned, a Notary Public EONG, personally known to me/proved to me on the son who subscribed the foregoing ASSIGNMENT and the same in his/her authorized capacity, and that by ne person, or the entity on behalf of which the person
WITNESS my hand and	official seal.	
Signature of Notary		
Dated:	, 2015	Martin Patrick-KEOUGH
State of:)	ss.
County of:	ý	
for the state, personally ame on the basis of sa ASSIGNMENT and acl	appeared Martin I atisfactory evidence knowledged to me s/her signature on t	, 2015, before me, the undersigned, a Notary Public Patrick KEOUGH, personally known to me/proved to be to be the person who subscribed the foregoing that he/she executed the same in his/her authorized the ASSIGNMENT the person, or the entity on behalf SSIGNMENT.
WITNESS my hand and	official seal.	
Signature of Notary	AND THE PROPERTY OF THE PROPER	
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DOCKET N	O. 13595	3.00601
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PATENT APPLICATION

Joint Inventors - Notary

Dated: April 27, 2015

Ashley Shaniece BROWN

State of: Pennsylvania County of: Philadelphia

SS.

On this <u>37</u> day of <u>APFI</u>, 2015, before me, the undersigned, a Notary Public for the state, personally appeared Ashley Shaniece BROWN, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing ASSIGNMENT and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the ASSIGNMENT the person, or the entity on behalf of which the person acted, executed the ASSIGNMENT.

WITNESS my hand and official seal.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL SHEILA L GREER Notary Public

CITY OF PHILADELPHIA, PHILADELPHIA CNTY My Commission Expires Jan 15, 2019

RECORDED: 10/03/2016