

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6187622

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN BARRETT	09/26/2017
NISHANT BHAT	09/29/2017
HUY HONG	09/26/2017
KATSUYA NOGUCHI	09/26/2017
WENDY MCKENNON	09/26/2017
KRISHNA PANT	10/12/2017
E. TAYLOR SITTLER	10/04/2017
OTHMAN LARAKI	09/26/2017
ELAD GIL	09/26/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COLOR GENOMICS, INC.
<b>Street Address:</b>	1801 MURCHISON DRIVE
<b>Internal Address:</b>	SUITE 128
<b>City:</b>	BURLINGAME
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16919351
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)571-4321
<i>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.</i>	
<b>Phone:</b>	404-815-6500
<b>Email:</b>	kswenson@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET, N.E.
<b>Address Line 2:</b>	SUITE 2800
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	098789-1193205-000340US

PATENT

<b>NAME OF SUBMITTER:</b>	PAMELA RADER
<b>SIGNATURE:</b>	/Pamela Rader/
<b>DATE SIGNED:</b>	07/07/2020
<b>Total Attachments: 9</b> source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page1.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page2.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page3.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page4.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page5.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page6.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page7.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page8.tif source=EXECUTED_COMBINED_ASSIGNMENT-DECS_098789-1193205-000340US#page9.tif	

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Ryan Barrett, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.

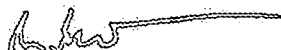
**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/26/2017



Ryan Barrett

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Nishant Bhat, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.

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- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/29/2017

*Nishant Bhat*

Nishant Bhat

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Huy Hong, residing in Palo Alto, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.

**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/26/2017

  
\_\_\_\_\_  
Huy Hong

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Katsuya Noguchi, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.


**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/26/2017

  
Katsuya Noguchi

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Wendy McKennon, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.

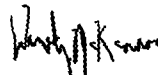
**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/26/2017



Wendy McKennon

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Krishna Pant, residing in San Jose, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

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**DECLARATION**

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IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 10/12/2017

*Krishna Pant*

Krishna Pant



**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Taylor Sittler, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Color Genomics' expense, (a) cooperate with Color Genomics in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Color Genomics lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Color Genomics, or Color Genomics' successors and assigns. I waive any obligation of Color Genomics to file foreign counterparts on the invention or continue prosecution of the invention and application and to all foreign counterparts, Color Genomics can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed Color Genomics in writing of any foreign counterparts I would like the option to pursue or prosecute.

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IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 10/04/2017

*E. Taylor Sittler*

Taylor Sittler

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Othman Laraki, residing in Atherton, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, I have assigned, and by these presents do assign to Color Genomics all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Color Genomics and Color Genomics' successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

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Dated: 09/26/2017

Othman Laraki

Othman Laraki

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: COMMUNICATION GENERATION USING SPARSE INDICATORS  
AND SENSOR DATA

Application No. 15/683,495, filed on August 22, 2017

**ASSIGNMENT**

WHEREAS, I, Elad Gil, residing in San Francisco, California, am an original inventor or an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Color Genomics, Inc., a corporation having a principle place of business at 1801 Murchison Drive, Suite 128, Burlingame, CA 94010, hereinafter referred to as "Color Genomics," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

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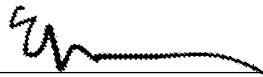
**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 09/26/2017

  
Elad Gil