## 503615871 12/17/2015 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:   |  | NEW ASSIGNMENT   |                |
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| NATURE OF CONVEYANCE:  |  | ASSIGNMENT   |                |
| CONVEYING PART   | Υ DATA   |  |                |
|  |  | Name   | Execution Date |
| HUBERT CHEN  |  |  | 12/01/2015     |
| DAVID ALLEN ANN  | IS   |  | 11/12/2015     |
| YONG CHANG   |  |  | 12/02/2015     |
| MANUEL AIVADO  |  |  | 12/01/2015     |
| KAREN OLSON  |  |  | 11/12/2015     |
| CHRIS J. VIAU  |  |  | 12/08/2015     |
| RECEIVING PARTY  | Z DATA   |  |                |
| Name:  | AILER  | ON THERAPEUTICS, INC.  |                |
| Street Address:  | 281 Al   | BANY STREET  |                |
| City:  |  |  |                |
| Only.  | •••••  | MASSACHUSETTS  |                |
| -  |  |  |                |
| State/Country:<br>Postal Code:   |  | ACHUSETTS  |                |
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| State/Country:<br>Postal Code:<br>PROPERTY NUMBI<br>Property Ty<br>Application Number<br>CORRESPONDENC<br>Fax Number:<br>Correspondence w<br>using a fax number<br>Email:<br>Correspondent Nar<br>Address Line 1:<br>Address Line 4: | MASS<br>02139<br>ERS Total: *<br>/pe<br>er:<br>CE DATA<br>fill be sent to<br>r, if provide<br>me:<br>T NUMBER: | ACHUSETTS<br>ACHUSETTS<br>Number<br>14864801<br>(650)493-6811<br>o the e-mail address first; if that is unsuccess<br>d; if that is unsuccessful, it will be sent via U<br>rgallo@wsgr.com<br>WILSON SONSINI GOODRICH & ROSATI<br>650 PAGE MILL ROAD<br>PALO ALTO, CALIFORNIA 94304-1050                    |                |
| State/Country:<br>Postal Code:<br>PROPERTY NUMBI<br>Property Ty<br>Application Number<br>CORRESPONDENC<br>Fax Number:<br>Correspondence w<br>using a fax number<br>Email:<br>Correspondent Nar<br>Address Line 1:<br>Address Line 4: | MASS<br>02139<br>ERS Total: *<br>/pe<br>er:<br>CE DATA<br>fill be sent to<br>r, if provide<br>me:<br>T NUMBER: | ACHUSETTS<br>ACHUSETTS<br>Number<br>14864801<br>(650)493-6811<br>o the e-mail address first; if that is unsuccess<br>d; if that is unsuccessful, it will be sent via U<br>rgallo@wsgr.com<br>WILSON SONSINI GOODRICH & ROSATI<br>650 PAGE MILL ROAD<br>PALO ALTO, CALIFORNIA 94304-1050<br>: 35224-804.201 |                |

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| •  | PATENT ASSIGNMENT  |  | Docket Number 35224-804.201; 35224-804.601   |
|--|--|--|--|
| WHEREAS, the undersigned:  |  | · · · · · · · · · · · · · · · · · · ·  | · · · · · · · · · · · · · · · · · · ·  |
| <ol> <li>Hubert CHEN<br/>San Diego, CA</li> </ol>  | 2. David Allen ANNIS<br>Cambridge, MA  | <ol> <li>Yong CHANG<br/>Acton, MA</li> </ol>   | 4. Manuel AIVADO<br>Chester Springs, MA  |
| <ol> <li>Karen OLSON<br/>Waltham, MA</li> </ol>  | 6. Chris J. VIAU<br>Mashpee, MA  |  |  |
| (hereinafter "Inventor(s))," have in   | vented certain new and useful improvem   | ents in  |  |
|  | PEPTIDOMIMETIC MACRO   |  | EREOF  |
| for which application<br>for which application<br>Cooperation Treaty;  | n serial number <u>PCT/US2015/052031</u> wa  | September 24, 2015 in the Use filed on September 24, 201   | Jnited States Patent and Trademark Office;<br>5 in the U.S. Receiving Office of the Patent   |
| for which application  | n serial number was filed on<br>tion was filed upon which a United State   | _ in the Patent Office;<br>s Patent issued on, as  | and/or<br>U.S. Patent No   |
| (hereinafter, "Application(s)"). The application(s).   | e term "Application(s)" also includes all  | patent applications that share   | or claim priority to or from the above   |
| (hereinafter "Assignee"), is desirou<br>and to all embodiments of the inver<br>collectively referred to as "Inventio<br>States, foreign countries, or under a  | is of acquiring the entire right, title and in<br>ntions, heretofore conceived, made or dis<br>ons"), and in and to any and all patents, in  | nterest in and to said Applicat<br>covered, whether jointly or s<br>wentor's certificates and othe<br>protocol, or treaty, including   | tion(s), and the inventions disclosed therein, and in<br>everally, by said Inventor(s) (hereinafter<br>or forms of protection thereon granted in the United<br>those filed under the Paris Convention for the  |
| NOW, THEREFORE, in said Assignee:  | consideration of good and valuable con   | sideration acknowledged by s   | aid Inventor(s) to have been received in full from   |
| Inventions; (b) in and to said Appli<br>is a divisional, substitution, continu<br>or reissuing from any of the forego<br>and to each and every patent and ap<br>present and future infringement of   | cations, including the right to claim prior<br>nation, or continuation-in-part of any of s<br>ing; (e) in and to each and every reissue<br>oplication filed outside the United States  | rity to and from said Applicat<br>aid Application(s); (d) in and<br>, reexamination, renewal or e<br>and corresponding to any of<br>or and to receive and recover  | entire right, title and interest (a) in and to said<br>ion(s); (c) in and to each and every application that<br>to said Patent(s) and each and every patent issuing<br>xtension of any kind of any of the foregoing; (f) in<br>the foregoing; and(g) in and to all claims for past,<br>for Assignee's own use all past, present, and future  |
| right, title and interest herein convo<br>cooperation by said Inventor(s) sha<br>specifications, declarations or other<br>Assignce the right, title and interest<br>divisional, continuing or additional<br>(e) for interference or other priority<br>therefor and any Patent(s) granted ( | yed in the United States, foreign countri<br>Il include prompt production of pertinent<br>papers, and other assistance all to the ex-<br>t herein conveyed; (b) for prosecuting an<br>applications covering said Inventions; (a<br>proceedings involving said Inventions;<br>thereon, including without limitation reis<br>dings, infringement actions and court act | es, or under any international<br>t facts and documents, giving<br>stent deemed necessary or dea<br>y applications covering said<br>d) for filing and prosecuting a<br>and (f) for legal proceedings<br>sues and reexaminations, opp | ble said Assignee to enjoy to the fullest extent the<br>convention, agreement, protocol, or treaty. Such<br>of testimony, execution of petitions, oaths,<br>sirable by said Assignee (a) for perfecting in said<br>Inventions; (c) for filing and prosecuting substitute,<br>applications for reissuance of any said Patent(s);<br>involving said Inventions and any applications<br>position proceedings, cancellation proceedings,<br>t reasonable expenses incurred by said Inventor(s) |
| 3. The terms and representatives, and shall be bindin  | l covenants of this assignment shall inure<br>g upon said Inventor(s), their respective  | e to the benefit of said Assign<br>heirs, legal representatives ar   | ee, its successors, assigns and other legal nd assigns.  |
| 4. Said Inventor<br>contract, or understanding in confli   |  | nt that said Inventor(s) have r  | not entered and will not enter into any assignment,  |
| 5. Said Inventor<br>agreement, protocol, or treaty, be is<br>representatives and assigns.  | (s) hereby request that any Patent(s) issu<br>ssued in the name of the Assignee, or its  | ing in the United States, forei<br>successors and assigns, for th  | gn countries, or under any international convention,<br>e sole use of said Assignee, its successors, legal   |
| law principles. If any provision of  | this instrument is found to be illegal or u  | menforceable, the other provi  | e State of California, without regard to conflict of<br>isions shall remain effective and enforceable to the<br>med an original, but all of which together constitute  |
| IN WITNESS WHEREC  | DF, said Inventor(s) have executed and d   | elivered this instrument to sa   | id Assignee as of the dates written below:   |
| Date: 01 Dec 2015  | CHEN CHEN  | Date: $\frac{11/12/7017}{12}$  | David Allen ANNIS  |
| Date :   | HANG   | Date : 12/1/15   | Manuel AIVADO  |

| PATENT ASSIGNMENT          |        | Docket Number 35224-804.201; 35224-804.601 |
|----------------------------|--------|--|
| Date : 1/12/15 Karep OLSON | Date : | Chris J. VIAU                              |

WHEREAS, the undersigned:

I. Hubert CHEN San Diego, CA

Cambridge, MA 6. Chris J. VIAU

2. David Allen ANNIS

3. Yong CHANG Acton, MA  Manuel AIVADO Chester Springs, MA

5. Karen OLSON 6. Chris J. VIAU Waltham, MA Mashpee, MA

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

## PEPTIDOMIMETIC MACROCYCLES AND USES THEREOF

- for which a United States patent application is executed on even date herewith:
- for which application serial number 14/864.801 was filed on September 24, 2015 in the United States Patent and Trademark Office;
- for which application serial number <u>PCT/US2015/052031</u> was filed on <u>September 24, 2015</u> in the U.S. Receiving Office of the Patent Cooperation Treaty;
- for which application serial number \_\_\_\_\_ was filed on \_\_\_\_\_ in the \_\_\_\_\_ Patent Office; and/or

for which an application was filed upon which a United States Patent issued on \_\_\_\_\_, as U.S. Patent No. \_\_\_\_\_

(hcreinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, <u>Alleron Therapeutics, Inc.</u>, a corporation of the State of <u>Delaware</u>, having a place of business at <u>281</u> <u>Albany Street</u>, <u>Cambridge</u>, <u>MA 02139</u>. (hereinafter "Assignee"). is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignce:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions: (b) in and to said Applications. including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and(g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States. foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the Stale of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF. said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:

| Date:            | Hubert CHEN | Date: 11/12/7015<br>David Allen ANNIS | -      |
|------------------|-------------|---------------------------------------|--------|
| Date : 12/2/2015 | Yong CHANG  | Date: K/1/15 Mandel AIVADO            | $\geq$ |
|                  |             | /;                                    |        |

Page 1 of 1

| ra i | EIN I | ASSIGNMENT |
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|      |       |            |

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Docket Number 35224-804.201; 35224-804.601

| ate: 11/12/15 Karep OLSON | Date : | Chris J. VIAU |
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| PATHENT A SSIGN/MINITY         Disolat/Number 35224-404201; 35224-404201;           WITEREAS, 100 underdgend;   | l.•  |   |  |  |
|---|--|---|--|--|
| 1. Histori CHEM<br>San Diego, CA       2. Divid Allen ANNIS       3. Yong CHANG.<br>Aston, MA       4. Monuni AIVADD<br>Chester Spring, MA         5. Kann (LSON)       6. Christ, I.VIAU<br>Malage, MA       Malage, MA       (Develoating of the second of  |  | PATENT ASSIGNMENT   |  | Docket Number 35224-804.201; 35224-804.60  |
| Sam Diego, CA. Cambridge, MA. Acton, MA. Cambridge, MA. Acton, MA. Constant Spring, MA. Cleaster Spring, MA. S. Kaero, J. M. Grester Spring, MA. Cleaster Spring, MA. S. Kaero, J. M. Kalige, MA. Madige, MA. Madige, MA. Madige, MA. Madige, MA. (Incredential "The Provide in Spring MA acton, MA. Madige, MA. (Incredential "The Provide in Spring MA acton, MA. Madige, MA. (Incredential "The Provide in Spring MA acton, MA acton                  | WHEREAS, the undersigned:  |   |  | an de la companya de   |
| Walfman, MA       Machines, MA         (herefueller "Invention(s))," have lawes lated metalia new and useful inprovements in <ul> <li>PEVIDOMINESTIC MACROCYCLES AND UNEST THEREOF</li> <li>For which a pulleation serial number <u>Leff.44.01</u> is the cost of the providing.</li> <li>For which a pulleation serial number <u>Leff.44.01</u> is the cost of the providing.</li> <li>For which a pulleation serial number <u>Leff.44.01</u> is the cost of the providing of the providing series and the cost of the providing serecost of the providing series and the providing series</li></ul>   |  |   |  | 4. Manuel AIVADO<br>Chester Springs, MA  |
| PERTIDIONILINETIC MACROCYCLES AND USES THEREOF  |  | <ol> <li>6. Chris J. VIAU<br/>Mashpee, MA.</li> </ol>   |  |  |
| for which is United States jotent application is evaluated an estimated an assemble 24.2015 to the United States Patent and Trademate Office;     for which application serial number (AGMASI) we filled on Samihaber 24.2015 in the U.S. RearVing OIDee of the Patent     Cooperation Transje.     for which application serial number (MGMASI) we filled on Samihaber 24.2015 in the U.S. RearVing OIDee of the Patent     for which application serial number (MGMASI) we filled on Samihaber 24.2015 in the U.S. RearVing OIDee of the Patent     for which application serial number (MGMASI) we filled on Samihaber 24.2015 in the U.S. Patent Mon  | (hereinafter "Inventor(s));" have in   | ivented certain new and useful impro  | vements in   | •  |
| for which a polletion evident application is even that on Second Board 2015. It is the United States Patent and Trademark Offlice;     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Reactiving Office Offlice patents     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Reactiving Office Offlice patents     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Reactiving Office Offlice patents     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Patent Office;     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Patent Office;     for which application serial number (PCMUS2015002021) was filed on Samphinger 244, 2015 in the U.S. Patent Office;     for which application (Q)". The team "Application(Q)" also includes all patent application is at its origin the approxemation of the Samphinger 244, 2015 in the Samphinger 245, 2015 (Samphinger 245, 2015 (Samphi                       |  | PEPTIDOMIMETIC MA   | CROCYCLES AND USES TI  | <b>HEREOF</b>  |
| Li for vinnen an application ymailing upon which a United States Raten(Jsnued.oh as U.S. Patent No,   | for which applicatio<br>Cooperation Treaty,  | on serial number <u>14/864.801</u> was filed<br>on serial number <u>PCT/US2015/052031</u>   | on <u>September 24, 2015</u> in the<br>Lwas filed on <u>September 24, 20</u>   | 215 in the U.S. Receiving Office of the Patent   |
| HIRRAS, Hieron Thernpeuties, Inc., a corporation of the State of Delaware, having a place of husiness sk 281 Albury Stread. Combidiae, MA 02139.<br>Interactions: "Assignee", is desirous of sequifring the entre right, tile and interest in and to skid Application(s), and the interactions disolosed thesin, and in<br>dir poll entropy referred to as "inventions", and/in and to may and all patents, inventor's certificates and other forms of protocolin thereon guine that for the<br>sets, forcing countrids, or under any international convention, ugreement, protocol, or transy including thore the Paris Convention for the<br>protocol Industrial Property. The Patent Cooperation Tracky or otherwise (inexinantar "Patenta(s)").<br>NOW, THEREDORE, in consideration of good and valvable consideration acknowledged by said Inventor(s) to have been reselved in full from:<br>"NOW, THEREDORE, in consideration of good and valvable consideration acknowledged by said Inventor(s) to have been reselved in full from:<br>"NOW, THEREDORE, in consideration of good and valvable consideration acknowledged by said Inventor(s) to have been reselved in full from:<br>"NoW, THEREDORE, in consideration of good and valvable consideration (s) (b) in and to each and every application that<br>a fullyinois, itsubilition, continuition-or participation-in-part of any of soid Application(s): (b) in a do to said Patenta(s) and each and every application the<br>provident growthe patent of the Patent (s). Including all rights to an foreault on reserve or the saignee to any child of any of the program, (s) in the said (s) in and to all child from the said (s) the said (s) in and the all (s) in the said (s) is and the said (s) in the said (s) is a said (s) in the said (s) is a said (s) in the said (s) is a said (s) is a said (s) in the said (s |  |   | lates Patent issued on, a  | s U.S. Patent No,  |
| b) to Hierbodinemics of the inventions, functions cannot be an induced in the Sand Applications (a), and the myetinons disclosed hieres, and in learning and the sand applications of protection thereen granted in the United Hierbody reference to as "inventions", and in and to may and all patents, inventor's certificates and other forms of protection thereen granted in the United theoremic of Industrial Parsenty. The Patent Cooperation Treaty: or otherwise (learning: "Patent(a)"). NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said-Inventor(s) to have been received in fail from the Assignment. (6) In mathy and the parsenty, The Patent Cooperation Treaty: or otherwise (learning: "Patent(a)"). NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said-Inventor(s) to have been received in fail from the Assignment. (a) Said Inventor(s) (b) hereby sell, assign, transfer and convey unto said Assignee the entire right, file and interest (a) in and to said Application(s) (c) (c) in and to said Application (c) applications formation (c) applicatio   | percination(s), "Application(s)"). The   | : term "Application(s)" also includes   | all patent applications that shar  | e or olaim priority to of from the above   |
| NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said inventor(s) to have been received in full from aid Assignee: <ol> <li>Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, fills and interest (a) in and to said a population, or continuation-in-jait of any of said Application (s); (o) in and to each and every patent is using research and a very patent is using research and a very patent is using research and a very patent is and provide the diverging (c) in and to each and every patent is using research and every patent is using research and every patent is using research and the research and the patents), including the right to each and every patent is using research and the research and research and the research and the research and the research and the research and research and research and research and the research and the research and researc</li></ol>                   | nd to all embodiments of the inver<br>collectively referred to as "Inventio<br>States, foreign countries, or under a<br>Protection of Industrial Property, T   | utions, heretofore conceived, made or<br>pos"), and in and to any and all patents<br>my international convention, agreeme<br>he Patent Cooperation Treaty or othe   | discovered, whether jointly or<br>s, inventor's certificates and oth<br>att, protocol, or treaty, includin<br>invise (hereinafter "Patent(s)").  | aton(s), and the inventions disclosed therein, and in<br>severally, by said Inventor(s) (hereinafter<br>renforms of protection thereon granted in the United<br>g fluose filed under the Paris Convention for the  |
| a divisional, substitution, continuation, or continuation, ine right to tailed priority to and from said Application(s); (c) in and to each and every predict issuing from any of the forgeoing; (c) in and to each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in a dito each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in and to each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in each or each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in a dito each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in a dito each and every relaxue, reexamination, renewal or extension of any kind of any of the forgeoing; (f) in each of the Patent(s), including all rights to suce for any of the forgeoing; and(g) in such to all of each of the Patent(s).  | NOW THEREFORE in   | consideration of good and valuable c  | onsideration acknowledged by   | said inventor(s) to have been reactived in full from   |
| operation by said Inventor(s) shall include prompt production of pertitions for dider any international convention, agreement, protocol, or treaty. Such collipse to the restort of pertition of pertition for the proceedings of the stimulation of the stimulation of pertition of pertitions and conventions (c) for interfecting in said visional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting substitute, visional, continuing or additional applications covering said Inventions; (e) for filing and prosecuting substitute, visional, continuing or additional applications covering said Inventions; and (f) for legal proceedings involving said Inventions and any applications for elesting in said states therein on onveyed; (b) for prosecuting any applications covering said Inventions; and any applications for elesting in said inventions; and restanding without limitation reissues and reexaminations; opposition proceedings, cancellation proceedings, infingient actions and cover actions; provided, however, that reasonable expenses incurred by said Inventor(s) providing such cooperation shall be paid for by said Assignee. 3. The terms and qovenants of this assignment saids and cover actions; provided, however, that reasonable expenses incurred by said Inventor(s), their respective heirs, legal representatives and assigns. 4. Said Inventor(s) hereby wairant, represent and covenant that said Inventor(s) have not enter and will not enter into any assignment; fractions and assigns. 5. Said Inventor(s) bereby wairant, represent and covenant (b) issuing in the sole assigns, for the sole use of said Assignee, its successors, legal resentatives and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the sole use of California, without regard to conflict of protocol, or heaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of Said Assignee, its successors, legal resentatives and a   | a flyisional, substitution, continu-<br>reissuing from any of the foregoin<br>id to each and every patent and ap<br>esent and future infringement of il<br>st profits, royalties, and damages o  | ation, or continuation-in-part of any o<br>ation, or continuation-in-part of any o<br>ng; (e) in and to each and every reiss<br>plication filed outside the United Stat<br>he Patent(s), including all rights to sur<br>of whatever nature recoverable from a   | normy to and from said Application(s); (d) in and<br>if said Application(s); (d) in and<br>ue, reexamination, renewal or e<br>es and corresponding to any of<br>a for and to receive and recover<br>in infringement of the Patent(s) | ition(s); (c) in and to each and every application that<br>d to said Patent(s) and each and every patent issuing<br>extension of any kind of any of the foregoing; (f) in<br>the foregoing; and(g) in and to all claims for past,<br>r for Assignce's own use all past, present, and future                                  |
| <ul> <li>A. Said Inventor(s) hereby wairant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, itract, or understanding in conflict herewith.</li> <li>5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, eement, protocol, or heaty, be issued in the name of the Assignee, or its successors and assigns; for the sole use of said Assignee; its successors, legal resentatives and assigns.</li> <li>6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the atest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute and the same agreement.</li> </ul>  | operation by said Inventor(s) shal<br>eoffications, deolarations or other<br>signee the right, title and interest<br>visional, continuing or additional i<br>for interference or other priority p<br>erfor and any Patent(s) granted th<br>ority contests, public use proceedi | I include prompt production of perting<br>papers, and other assistance all to the<br>herein conveyed; (b) for prosecuting a<br>applications covering said Inventions;<br>proceedings involving said Inventions;<br>proceedings involving said Inventions<br>tercon, including without limitation re-<br>ings, infingement actions and court a | ant facts of under any international<br>ant facts and documents, giving<br>extent deemed necessary or de<br>any applications covering said<br>(d) for filling and prosecuting a<br>st and (f) for legal proceedings                  | I convention, agreement, protocol, or treaty. Such<br>conventions, execution of petitions, paths,<br>sitable by said Assignce (a) for perfecting in said<br>Inventions; (c) for filing and prosecuting substitute,<br>applications for relissuance, of any said Patent(s);<br>involving said inventions and any applications |
| <ul> <li>5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any International convention, eement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns; for the sole use of said Assignee, its successors, legal resentatives and assigns.</li> <li>6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the and the same agreement.</li> <li>IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:</li> </ul>   | 3. The terms and c<br>resentatives, and shall be binding   | pyenants of this assignment shall in<br>upon said inventor(s), their respectiv  | re to the benefit of said Assign<br>e heirs, legal representatives an  | ee, its successors, assigns and other legal<br>d assigns,  |
| <ul> <li>6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the atest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute and the same agreement.</li> <li>IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:</li> </ul>  | 4. Said Inventor(s<br>tract, or understanding in conflict  | ) hereby wairant, represent and coven<br>therewith.   | ant that said Inventor(s) have n   | of entered and will not enter into any assignment,   |
| In WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:  | contents proceeds of ready, or 1991  | ) hereby request that any Palent(s) issi<br>Led in the name of the Assignce, or in  | uing in the United States, foreit<br>s successors and assigns, for th  | gr countries, or under any international convention,<br>e sole use of said Assignce, its successors, legal   |
|   | atest extent permitted by law. Thi   | us msuument is found to be illegal or   | Inentorceable the other provid   | inno thell sense in affective and in China structure a   |
| e: Date: <u>11/12/7017</u><br>Hubert CFIEN Date: <u>11/12/7017</u><br>David Allen ANNIS   |  |   | lelivered this insumment to out-   | Assigned as of the dates written below.  |
| David Allen ANNIS   | IN WITNESS WHEREOF   | said inventor(s) have executed and c  | sourerood and study number to sait   | Brite and the added to the both M.   |
| Yong CHANG Manuel AIVADO  | te;  |   | <i></i>  | TZZCZ )  |

PATENT ASSIGNMENT Docket Number 35224-804,201; 35224-804,601 Date ; 1/12/15 Date: 12/8/15 Karep OLSON Chris J. VIAU Page 2 of 1 PATENT **RECORDED: 12/17/2015** REEL: 037313 FRAME: 0661