503347658 06/12/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3394278

| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
|-----------------------|----------------|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| HIREMAGALUR N. JAYARAM | 06/27/2013 |
| PRAVEEN KUSUMANCHI | 06/27/2013 |
| MARIO GRIFANTINI | 06/28/2013 |
| PALMARISA FRANCHETTI | 06/28/2013 |
| LOREDANA CAPPELLACCI | 06/28/2013 |
| RICCARDO PETRELLI | 06/28/2013 |

RECEIVING PARTY DATA

| Name: | UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS |
|-----------------|---|
| Street Address: | 810 VERMONT AVENUE NW |
| City: | WASHINGTON |
| State/Country: | D.C. |
| Postal Code: | 20420 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | | |
|---------------------|----------|--|--|--|--|
| Application Number: | 13530086 | | | | |

CORRESPONDENCE DATA

Fax Number: (817)488-8076

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.

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| ATTORNEY DOCKET NUMBER: | VET-2300-UT |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | LAUREN BISHER |
| SIGNATURE: | /Lauren Bisher/ |
| DATE SIGNED: | 06/12/2015 |

PATENT 503347658 REEL: 035827 FRAME: 0194

Total Attachments: 2

source=VET2300UT_assignment#page1.tif source=VET2300UT_assignment#page2.tif

PATENT REEL: 035827 FRAME: 0195

| Investions and any related intellectual property, including the Application(s), conceived, made, or discovered, whether printy or severally, by the Investor(s), and in and to may and all presents, inventor's certificates, and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treatly. NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which in full from Assignee each Inventor hereby acknowledges. I. Each Inventor does hereby self, assign, transfer, and convey unto Assignee her/his entire worldwideright, title, and interest (a) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including the right to claim priority to each Housterial Property, the Patent Cooperation Treaty (PCT"), or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on the Invention(s) and the United States, in any foreign country, or under any international convertion, agreement, protocol, or treaty, including the right to all United States provided and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation—part of any of said Application(s); and (d) in and to each and every replication filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation—part of any of said Application(s); and (d) in and to each and every replication so distribution, continuation, or continuation, or continuation—part of any of said Application(s); and (d) in and to each and every replication should production of periment flacts and documents, giving of estimony, execution of petitions, decilerations, declarations, or other papers, and other assistance all to the extent deemed makes an applications and the part of the extent deemed production of periment flacts and documents, giving of estimo | | | | | | | | |
|--|--|--|--|-------------------------------------|--|------------------|---|--|
| Hitemagalur N. AJYARAM Y. A Redial Center V. A. Medial Center V. Medial Center V. A. Medial Center V. A. Medial Center V. A. M | PATENT ASSIGNMENT | | Docket Number: <u>VET-2300-UT</u> | | | Page 1 of 1 | | |
| VA Medical Center VA M | WHEREAS, the undersigned | (| | | | | | |
| NOVEL HYDRAZONE DERIVATIVES HAVING POTENT ANTITUMOR ACTIVITY TOWARD MULTI-DRIC RESISTANT TUMOR CELLS for which U.S. patent application serial to 13/55/9/f6 was filled on 21 Janes 2012 in the United States Patent and Trademark Office; (any or all of which are thereis) are controlled to 25 Applications (in a 25 Applications); in the Washington, and 25 Applications (in the Washington, and to which see a few presented by the Department of Victorian Affairs having a place of two sheeps at 180 Vermont Avenue NW in Washington, and to say and all patents, inventor's cartificates, and other forms of proceducin (perempt with the Applications); conceived, made, or dissovered, whether jointy or severally, by the Inventor's), and in and to say and all patents, inventor's cartificates, and other forms of proceducin (perempt with the Applications); conceived, made or contributed to the form of processing the Applications (in the Applications); conceived, made or contributed to the form of the Applications, in healthing the right to chain printy to each invention hereby exhamovideges: 1. Each Inventor does hereby self, saised, transfer, and convey unto Assignee endire work of the Application, in the old arising the analysis of the Applications and Patentials, leading those filed under the Paris or the Competition of the analysis of the Application, in the analysis of the Application, the analysis of the Application (and any and all Patents). 2. Each Inventor hereby evenemants and agrees to cooperate with Assignee so as to enable Assignee to enjoy to the fulled states, foreign converge to the Competition of the analysis of the Applications of the Ap | VA Medical Center 151 W. Tenth St; Rm D-3033 | VA Medical Center 151 West Tenth Street | Viale Dante Alighie | eri, 20 | Viale Dante Alighieri, | , 20 | chool of Pharmacy niversity of Camerino ia S. Agostino, 1 | School of Pharmacy University of Camerino Via S. Agostino, 1 |
| having a place of Dustiness at 810 Vermont Avenue NW in Washington, D.C. 20420, USA (the "Assignee"), is designed in sections of acquiring the entire worldwise right, title, and interest in and to said Inventions and any related intellectual property, including the Applications(s), conceived, made, or discovered, wheely pointly or severable, by the Invention(s), and in and to any and all patterns, inventor's certificates, and other forms of protection (hereinather "Patently") thereous granted in the United States, severage countries, or wider any international conventions, agreement, protecto, or treaty. NOW, THERIFFORE, for good and valuable consideration, first sufficiency and recept of which in full form Assignee can be invention and each Application, including the right to claim priority to each invention and each Application, including the right to claim priority to each invention and each Application, including the right to claim priority to each invention and each Application, to the analysis of the private (a) in and to any and all applications (b) in and to any and all applications (c) in and to any and all applications (c) in and to any and all applications (c) in and to each and every application filed and any and all private (c) in and to each and every reissus, reexamination, overwhether, and a private of any application which is a divisional, auditorion, continuation—in-part of any of said Priently. 2. Each Inventor hereby covenants and agrees to cooperate with Assignee on a private or any applications, or under any international convention, agreement, protecol, or treaty, including each and every reissus, reexamination, or cheatening or any applications, or under any international convention, agreement, protecol, or treaty, including each and every reissus, reexamination, or or hereiston, and agrees to ecoperate with Assignee or any applications, or under any international convention, agreement, protecol, or treaty, incl | for which U.S. pat | NOVEL HYD ACTIVITY tent application serial no. 1 | RAZONE DERI TOWARD MUI 3/530,086 was filed | VATIV LTI-DI lon <u>21</u> | VES HAVING POT RUG RESISTANT | ENT AN TUMOF | NTITUMOR R CELLS | |
| "Assignee"), is desirous of acquiring the entire worldwide right, tilt, and interest in and to said inventions and any retated intellectual property, including the Application(s), conceived, made, or discovered, whether jointly or severally, by the Inventor(s), and is and to any and all patents, inventor's continues, and other from of protection thereing "Technology" in the continues, and other from of protection thereing "Technology" in the continues of the co | WHEREAS, United States of | America as Represented | by the Departmen | t of Ve | terans Affairs | | | |
| certificates, and other forms of protection (hereinafter "Patentis")" thereon granted in the United States, foreign countries, or under any literatational convention, agreement, protocol, or treatly. NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which in full from Assignee each Inventor hereby acknowledges: 1. Each Inventor does hereby sell, assign, transfer, and convey unto Assignee her/his entire worldwide right, title, and interest (a) in and to each hyperitations and Patentis(), including the right to claim priority to each invention and each Application, including the right to claim priority to each invention and each Application, including the right to claim priority to each line the Protection of Intention and each Application, including those filed under the Paris Convention for the Protection of Intention and Patentis(), including those filed under the Paris Convention for the Protection of Intention and Patentis(), including those filed under the Paris Convention of the Protection of Intention and Patentis(), including those filed under the Paris Convention of the Protection of Intention and Patentis(), including those filed under the Paris Convention of the Protection of Intention and Patentis(), including the right to death and any and all Patentis() and the Paris Convention of the Protection of Intention of Paris (1997) and the Patention of Paris (1997) and Patentis | "Assignee"), is desirous of ac Inventions and any related int | quiring the entire worldwice ellectual property, including | le right, title, and in ig the Application(s | terest in), conce | and to said ived, made, or | Hiremag | galur N. JAYARAM | DATE |
| From Assignee each inventor hereby acknowledges. 1. Each Inventor does bretby sell, assign, mansfer, and convey unto Assignee her/his entire worldwide right, filts, and interest (a) in and to each threnton and each Application, including the right to claim priority to each inventor and each Applications and Part (The New York) or otherwise; (c) in and to any and all applications and present of the United States pattern applications that any and all Pattern of the United States pattern applications filed and any and all Pattern of the United States pattern applications filed and any and all Pattern of any of said Application(s); and (d) in and to each and every application which is a divisional, substitution, continuation, or continuation, or continuation of any of said Application(s); and (d) in and to each and every resistee, receamination, or continuation, or continuation of any of said Pattern (s). 2. Each Inventor hereby covernants and agrees to cooperate with Assignee so as to cnable Assignee to enjoy to the faillest extent the right, title, and interest herein conveyed, to the prosecuting applications of the present and other assistance all to the extent deemed necessary or desirable by Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed, to the prosecuting applications for resistance of any Pattern granted freeze, including applications and any applications for resistance of any Pattern granted thereon, including and prosecuting applications for resistance of any Pattern (c) for interference or other prority proceedings involving any Invention; and (f) for legal proceedings involving the Invention(s), (d) for filing and prosecuting applications for resistance of any Pattern (c) or interference or other prority proceedings involving any Invention; and (f) f | certificates, and other forms o | f protection (hereinafter "F | atent(s)") thereon g | ranted i | n the United States, | | | DATE |
| right, title, and interest (a) in and to each invention and each Application, including the right to claim priority to each Invention and each Application (b) in and to all rights to all United States and corresponding non-United States partent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty ("PCI"), or otherwise, (c) in and to any and all applications filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and (d) in and to each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or extension of any of said Application(s), and (d) in and to each and every application filed and any and all Patent(s) and Application(s), and (d) in and to each and every application filed and any and all Patent(s) and Application(s), and (d) in and to each and every application filed and any and all Patent(s). 2. Each Inventor hereby covenants and agrees to cooperate with Assignee so as to enable Assignee to enable a state of the patent of the patent in the patent of the pate | from Assignee each Inventor | hereby acknowledges: | | | | | | |
| corresponding non-United States patent applications and Patent(s), including those field under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty ("PCI""), or otherwise, (c) in and to any and all applications filed and any and all Patent(s) granted on any application filed and any and all Patent(s), agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) agreement, protocol, or treaty, including each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or catential continuation, every reissue, reexamination, or extension of any of said Application(s); and interest herein conveyed (in the United States, foreign intradictions, or outer appears, and other assistance all to the extent deemed necessary or desirable by Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed; (b) for prosecuting any applications, or other papers, and other assistance all to the extent deemed necessary or desirable by Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed; (b) for prosecuting any applications, or overing the Invention(s); (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering the Invention(s); (c) for filing and prosecuting populations for reissuance of any Patent; (c) for interference or other provising such comparison shall be paid for by Assignee in writing and incurred by any Invention; and (f) for legal proceedings involving any Invention; and (f) for legal proceedings involving any Invention; and (f) for legal proceedings involving any Inve | right, title, and interest (a) in a | and to each invention and e | ach Application, in | cluding | the right to claim | Praveer | KUSUMANCHI | DATE |
| Invention(s) in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extension of any of said Applications, or under any international convention, agreement, protocol, or treaty. Such cooperation includes prompt production of pertitions (active protocology applications or extension), recentling of the extent deemed necessary or desirable by Assignee (a) for perfecting in Assignee the reight, title, and interest herein encoweyed; (b) for prosecuting applications or reissuance of any Patent, (c) for interference or other protority proceedings involving any Invention; and (f) for legal proceedings invo | corresponding non-United Sta Convention for the Protection | ites patent applications and of Industrial Property, the | Patent(s), including Patent Cooperation | those f Treaty (| iled under the Paris ("PCT"), or | | | DATE |
| 2. Each Inventor hereby covenants and agrees to cooperate with Assignee so as to enable Assignee to enjoy to the fullest extent the right, title, and interest herein conveyed in the United States, foreign jurisdictions, or under any international convention, agreement, protocol, or treaty. Such cooperation of petitions, caths, specifications, declarations, or other papers, and other assistance all to the extent deemed necessary or desirable by Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed; (b) for prosecuting any applications covering the Invention(s); (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering the Invention(s); (d) for filing and prosecuting applications for reissuance of any Patent; (e) for interference or other priority proceedings involving any Invention; and (f) for legal proceedings, priority contexts, public use proceedings, and celeratory indigenent and/or infringement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee in writing and incurred by any Inventor in providing such cooperations shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as her/fix agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and sasigns. 4. Each Inventor hereby warrunts and represents that she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby warrunts and represents that she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 6. Each Inventor hereby warrunts a | Invention(s) in the United Stat agreement, protocol, or treaty, granted on any application wh | tes, in any foreign country, , including each and every tich is a divisional, substitu | or under any internapplication filed and tion, continuation, continuation, | ational of d any an or contin | convention, d all Patent(s) nuation-in-part of any | 1/1 | and latou | Tiu 6/28/2013 |
| enjoy to the fullest extent the right, title, and interest herein conveyed in the United States, foreign jurisdictions, or under any international convention, agreement, protocol, or treaty. Such cooperation includes 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 Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed; (b) for prosecuting any applications covering the Invention(s); (c) for filing and prosecuting applications for reissuance of any Patent; (e) for interference or other priority proceedings involving any Invention; and (f) for fleal proceedings involving the Invention(s); and any application herefore and any Patent granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and eclaratory judgment and/or infringement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignea as her/his agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and shall be binding upon each Inventor, her/his respective heirs, legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding i | said Patent(s), | | | | - - | WITNESS | SIGNATURE: | 6/28/2013 DATE |
| oaths, specifications, declarations, or other papers, and other assistance all to the extent deemed necessary to desirable by Assignee (a) for perfecting in Assignee the Invention(s); (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering the Invention(s); (d) for filing and prosecuting applications for reissuance of any Patent; (c) for interference or other priority proceedings involving any Invention; and (f) for legal proceedings involving the Invention(s) and any application therefore and any Patent granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and declaratory judgment and/or infingement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee in writing and incurred by any Inventor in providing such cooperation shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as herifus agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, its successors and assigns, for the sole use of the Assignee, its successors, legal representatives, and assigns, for the sole use of the Assignee, its successors, legal representatives, and assign | enjoy to the fullest extent the i jurisdictions, or under any into | right, title, and interest here ernational convention, agre | ein conveyed in the ement, protocol, or | United Streaty, S | States, foreign Such cooperation | WITNESS | **** | <i>f</i> : <i>i</i> |
| conveyed; (b) for prosecuting any applications covering the Invention(s); (c) for filing and prosecuting applications for reissuance of any Patent; (c) for interference or other priority proceedings involving any Invention; and (f) for legal proceedings involving any Invention; and (f) for legal proceedings involving the Invention(s) and any applications, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and declaratory judgment and/or infringement and/or other court actions; provided, however, that any Inventor in providing such cooperation shall be paid for by Assignee in writing and incurred by any Inventor in providing such cooperation shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as her/his agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, 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 the Assignee, its successors, legal representatives, and assigns, for the sole use of the Assignee, its successors, legal representatives and assigns. 6 This instrument will be interpreted and construed in accordance with the laws of the State 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 e | oaths, specifications, declarati | ons, or other papers, and o | ther assistance all to | the ext | ent deemed | Talu Palmaris | | hebt: 6/28/201 |
| involving any Invention; and (f) for legal proceedings involving the Invention(s) and any application therefore and any Patent granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and declaratory judgment and/or infringement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee in writing and incurred by any locument and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be the predated 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, each Inventor hereby executes and delivers this instrument to the Assignee and incurred by law. This instrument has be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the sa | conveyed; (b) for prosecuting substitute, divisional, continui | any applications covering ng, or additional application | the Invention(s); (c) | for filin ention(s | g and prosecuting); (d) for filing and | WITNESS | | 6/28/2013 DATE |
| declaratory judgment and/or infringement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee in writing and incurred by any locument and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as her/his agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee PATENTS | involving any Invention; and (therefore and any Patent grant | (f) for legal proceedings in ed thereon, including with | volving the Invention reissu | n(s) and es and r | l any application eexaminations, | WITNESS | PRINTED NAME: QUAGO | LIO WILMA |
| Inventor in providing such cooperation shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as her/his agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and shall be binding upon each Inventor, her/his respective heirs, legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee **ASSIGNEE PRINTED NAME:** **PATENT** | declaratory judgment and/or in | afringement and/or other co | ourt actions; provide | d, howe | ever, that any | Joredan | | |
| rights with respect to the Invention(s), Application(s), and/or Patent(s). 3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives, and shall be binding upon each Inventor, her/his respective heirs, legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, 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 the Assignee, its successors, legal representatives, and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee **ASSIGNEE SIGNATURE** DATE **ASSIGNEE SIGNATURE** DATE **ASSIGNEE PRINTED NAME** ASSIGNEE PRINTED NAME** **ASSIGNEE P | Inventor in providing such coodesignates the secretary of Ass | operation shall be paid for l signee as her/his agent and | by Assignee. Each lattorney-in-fact to e | Inventor execute | hereby irrevocably and file any | Ales | roul Perse | Nile 6/28/2013 |
| assigns, and other legal representatives, and shall be binding upon each Inventor, her/his respective heirs, legal representatives, and assigns. 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated: ASSIGNEE PRINTED NAME: ASSIGNEE PRINTED NAME: ASSIGNEE PRINTED NAME: PATENT | rights with respect to the Inver | ntion(s), Application(s), an | d/or Patent(s). | | | | | SANDRO PIERGENTIL |
| 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country or jurisdiction, 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 the Assignee, its successors, legal representatives, and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated: ASSIGNEE PRINTED NAME: ASSIGNEE PRINTED NAME: ASSIGNEE PRINTED NAME: PATENT | assigns, and other legal representation | entatives, and shall be bind | | | | Riccardo | | |
| jurisdiction, 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 the Assignee, its successors, legal representatives, and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State 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, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated: ASSIGNEE SIGNATURE: ASSIGNEE PRINTED NAME: PATENT | | | | and will | not enter into any | Va | 44. | 6/28/2013 |
| 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, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated: ASSIGNEE SIGNATURE: ASSIGNEE PRINTED NAME: PATENT | jurisdiction, or under any inter of the Assignee, or its successor | national convention, agree | ment, protocol, or tr | eaty, be | issued in the name | WITNESS | PRINTED NAME: (\$141) | abro Goorgioni |
| IN WITNESS WHEREOF, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated: ASSIGNEE PRINTED NAME: PATENT Output Description: | 6. This instrument will be in California, without regard to co illegal or unenforceable, the ot permitted by law. This instrum | onflict of law principles. In ther provisions shall remain ment may be executed in co | f any provision of the effective and enfor nunterparts, each of | nis instru rceable t | ment is found to be to the greatest extent | | | DATE |
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REEL: 035827 FRAME: 0196

PATENT ASSIGNMENT

Docket Number: VET-2300-UT

Page 1 of 1

WHEREAS, the undersigned:

Hiremagalur N. JAYARAM **VA Medical Center**

Praveen KUSUMANCHI Mario GRIFANTINI

VA Medical Center

Palmarisa FRANCHETTI

Loredana CAPPELLACCI

Riccardo PETRELLI

151 W. Tenth St: Rm D-3033 Indianapolis, IN 46202

151 West Tenth Street Indianapolis, IN 46202

Camerino, Italy

Camerino, Italy

Camerino, Italy

Camerino, Italy

(hereinafter "inventor(s)"), has/have discovered and/or invented certain new and useful patentable subject matter (the "Invention(s)") entitled:

NOVEL HYDRAZONE DERIVATIVES HAVING POTENT ANTITUMOR ACTIVITY TOWARD MULTI-DRUG RESISTANT TUMOR CELLS

for which U.S. patent application serial no. 13/530,086 was filed on 21. June 2012 in the United States Patent and Trademark Office;

(any or all of which are bereinafter referred to as "Application(s)").

WHEREAS, United States of America as Represented by the Department of Veterans Affairs having a place of business at 810 Vermont Avenue NW in Washington, D.C. 20420, USA (the "Assignee"), is desirous of acquiring the entire worldwide right, title, and interest in and to said Inventions and any related intellectual property, including the Application(s), conceived, made, or discovered, whether jointly or severally, by the Inventor(s), and in and to any and all patents, inventor's certificates, and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which in full from Assignee each Inventor hereby acknowledges:

- 1. Each Inventor does hereby sell, assign, transfer, and convey unto Assignee her/his entire worldwide right, title, and interest (a) in and to each Invention and each Application, including the right to claim priority to each Invention and each Application; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty ("PCT"), or otherwise: (c) in and to any and all applications filed and any and all Patentis) granted on the Invention(s) in the United States, in any foreign country, or under any international convention, agreement, postocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and (d) in and to each and every reissue, reexamination, or extension of any of said Patentis).
- 2. Each Inventor hereby covenants and agrees to cooperate with Assignee so as to enable Assignee to enjoy to the fullest extent the right, title, and interest herein conveyed in the United States, foreign jurisdictions, or under any international convention, agreement, protocol, or treaty. Such cooperation includes 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 Assignee (a) for perfecting in Assignee the right, title, and interest herein conveyed; (b) for prosecuting any applications covering the invention(s); (c) for filing and prosecuting substitute, divisional, continuing, or additional applications covering the invention(s); (d) for filing and prosecuting applications for reissuance of any Patent; (e) for interference or other princity proceedings involving any Invention; and (f) for legal proceedings involving the Invention(s) and any application therefore and any Patent granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and declaratory judgment and/or infringement and/or other court actions; provided, however, that any reasonable, documented out-of-pocket expense authorized by Assignee in writing and incurred by any inventor in providing such cooperation shall be paid for by Assignee. Each Inventor hereby irrevocably designates the secretary of Assignee as her/his agent and attorney-in-fact to execute and file any document and to do all lawful acts necessary to apply for and obtain patents and to enforce Assignee's rights with respect to the Invention(s), Application(s), and/or Patent(s).
- 3. The terms and covenants of this assignment shall insure to the benefit of Assignee, its successors, assigns, and other legal representatives, and shall be binding upon each inventor, her/his respective heirs, legal representatives, and assigns.
- 4. Each Inventor hereby warrants and represents that s/he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith
- 5. Each Inventor hereby requests that any Patent issuing in the United States, foreign country of jurisdiction, or under any international convention, agreement, protocol, or usary, be issued in the name of the Assignee, or its successors and assigns, for the sole use of the Assignee, its successors, legal representatives, and assigns.
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IN WITNESS WHEREOF, each Inventor hereby executes and delivers this instrument to the Assignee as of the date(s) indicated:

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| Mario GRIFANTINI | DATE |
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| WITNESS SIGNATURE: | DATE |
| WITNESS PRINTED NAME: | |
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| Palmarisa FRANCHETT) | |
| ramansa rnamunu () | DATE |
| WITNESS SICNATURE: | DATE |
| * | DATE: |
| WITNESS PRINTED NAME: | |
| | |
| Loredana CAPPELLACCI | DATE |
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| WITNESS SIGNATURE: | DATE |
| WITNESS PRINTED NAME: | |
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| | |
| Riccardo PETRELLI | DATE |
| WITHESS SIGNATURE | DATE |
| | 21763 |
| WITNESS PRINTED NAME: | |
| RECEIVED AND AGREED TO BY ASSIGNEE: | |
| | |
| ASSIGNEE SIGNATURE: | CATE |
| 11.200 St. 12000 St. 200 L. 20 M. 100 | |
| ASSIGNEE PRINTED NAME. | |
| | |
| TITLE | |

PATENT REEL: 035827 FRAME: 0197