

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT3394278

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
<b>Street Address:</b>	810 VERMONT AVENUE NW
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20420
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13530086
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(817)488-8076
<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>	8583509690
<b>Email:</b>	docketing@acuitylg.com
<b>Correspondent Name:</b>	DANIEL M. CHAMBERS
<b>Address Line 1:</b>	12707 HIGH BLUFF DRIVE, SUITE 200
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	VET-2300-UT
<b>NAME OF SUBMITTER:</b>	LAUREN BISHER
<b>SIGNATURE:</b>	/Lauren Bisher/
<b>DATE SIGNED:</b>	06/12/2015

**Total Attachments: 2**

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PATENT ASSIGNMENT

Docket Number: VET-2300-UT

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WHEREAS, the undersigned:

Hiremagalur N. JAYARAM VA Medical Center 151 W. Tenth St; Rm D-3033 Indianapolis, IN 46202	Praveen KUSUMANCHI VA Medical Center 151 West Tenth Street Indianapolis, IN 46202	Mario GRIFANTINI Viale Dante Alighieri, 20 62032 Camerino, Italy	Palmarisa FRANCHETTI Viale Dante Alighieri, 20 62032 Camerino, Italy	Loredana CAPPELLACCI School of Pharmacy University of Camerino Via S. Agostino, 1 62032 Camerino, Italy	Riccardo PETRELLI School of Pharmacy University of Camerino Via S. Agostino, 1 62032 Camerino, Italy
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(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 hereinafter 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 Patent(s) granted on the 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 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 Patent(s).

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 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 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 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 as of the date(s) indicated:

Hiremagalur N. JAYARAM \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: \_\_\_\_\_

Praveen KUSUMANCHI \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: \_\_\_\_\_

*Mario Grifantini* 6/28/2013  
Mario GRIFANTINI \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: GIANNELLA MARO

*Palmarisa Franchetti* 6/28/2013  
Palmarisa FRANCHETTI \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: QUAGLIA WILMA

*Loredana Cappellacci* 6/28/2013  
Loredana CAPPELLACCI \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: ALESSANDRO PIERCENTILI

*Riccardo Petrelli* 6/28/2013  
Riccardo PETRELLI \_\_\_\_\_ DATE

WITNESS SIGNATURE: \_\_\_\_\_ DATE

WITNESS PRINTED NAME: GIAMFABIO GIORGIONI

**RECEIVED AND AGREED TO BY ASSIGNEE:**

ASSIGNEE SIGNATURE: \_\_\_\_\_ DATE

ASSIGNEE PRINTED NAME: \_\_\_\_\_

**PATENT**

PATENT ASSIGNMENT

Docket Number: VET-2300-UT

Page 1 of 1

WHEREAS, the undersigned:

Hiremagalur N. JAYARAM Praveen KUSUMANCHI Mario GRIFANTINI Palmarisa FRANCHETTI Loredana CAPPELLACCI Riccardo PETRELLI
VA Medical Center VA Medical Center
151 W. Tenth St; Rm D-3033 151 West Tenth Street
Indianapolis, IN 46202 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 hereinafter 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 Patent(s) granted on the 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 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 Patent(s).

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 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 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 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 as of the date(s) indicated:

Hiremagalur N. Jayaram 1 June 27, 2013
Hiremagalur N. JAYARAM DATE

Robert A. Harris 6/27/2013
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME: Robert A. Harris

Praveen KUSUMANCHI 6/27/2013
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME: Vijaya Kumari Rajagopal

Mario GRIFANTINI DATE
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME:

Palmarisa FRANCHETTI DATE
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME:

Loredana CAPPELLACCI DATE
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME:

Riccardo PETRELLI DATE
WITNESS SIGNATURE: DATE
WITNESS PRINTED NAME:

RECEIVED AND AGREED TO BY ASSIGNEE:
ASSIGNEE SIGNATURE: DATE
ASSIGNEE PRINTED NAME:

TITLE: