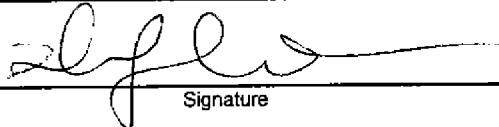


Form PTO-1595 (Rev. 09/08)
OMB No. 0651-0027 (exp. 10/31/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Valery Krasnoperov (06/20/2005), Nathalie Kertesz (06/19/2005), Ramachandra Reddy (07/12/2005), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>VasGene Therapeutics, Inc.</u> Internal Address: _____ Street Address: _____ 1974 Sproul Road, Suite 204 City: <u>Broomall</u> State: <u>Pennsylvania</u> Country: <u>United States of America</u> Zip: <u>19008</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>12/156,553</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Matthew P. Vincent, J.D., Ph.D.</u> <u>ROPES & GRAY LLP</u> Internal Address: <u>Atty. Dkt.: VASG-P05-002</u> Street Address: <u>One International Place</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02110</u> Phone Number: <u>(617) 951-7739</u> Fax Number: <u>(617) 951-7050</u> Email Address: <u>MVincent@ropesgray.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
8. Payment Information Deposit Account Number <u>18-1945</u> Authorized User Name <u>Matthew P. Vincent, J.D., Ph.D.</u>	
9. Signature: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  Signature <u>Z. Angela Guo, Ph.D. - 54,144</u> Name of Person Signing </div> <div style="text-align: center;"> <u>October 31, 2008</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: 11 </div>	

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: 10-31-08

Signature: Maura A. Gallagher (Maura A. Gallagher)

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Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Parkash Gill (06/20/2005), and Sergey Zozulya (06/30/2005)	
Additional Assignees (2. Continued):	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

VASG-P02-002

ASSIGNMENT

WHEREAS, we, **Valery Krasnoperov, Sergey Zozulya, Nathalie Kertesz, Ramachandra Reddy, and Parkash Gill**, have invented a certain improvement in **Polypeptide Compounds for Inhibiting Angiogenesis and Tumor Growth** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on **September 23, 2004** as Application No. **10/949,720**

☐ was patented under U.S. Patent No. **[PATENT NUMBER]** on **[PUBLICATION DATE]**.


WHEREAS, **VasGene Therapeutics, Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, having principal offices at 1929 Zonal Avenue, Los Angeles, California, 90033 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

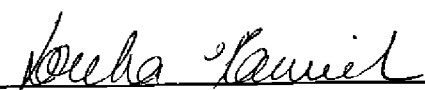
VASG-P02-002

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor  Date: 06-20-2005
Valery Krasnoperov

Address 1699 Amberwood DR #112
South Pasadena, CA 91030

Witness  Date: 06-20-05

Address 6443 DEARBROOK RD
DAVE PARK, CA 91377

Inventor _____ Date: _____
Sergey Zozulya

Address _____

Witness _____ Date: _____

Address _____

VASG-P02-002

Inventor _____ Date: _____
Nathalie Kertesz

Address _____

Witness _____ Date: _____

Address _____

Inventor _____ Date: _____
Ramachandra Reddy

Address _____

Witness _____ Date: _____

Address _____

Inventor _____ Date: _____
Parkash Gill

Address _____

Witness _____ Date: _____

Address _____

VASG-P02-002

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VASG-P02-002

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor _____

Date: _____

Valery Krasnoperov

Address _____

Witness _____

Date: _____

Address _____

Inventor _____

Date: 06/19/05

Sergey Zozulya

Address _____

Witness _____

Date: 06/19/05

Address _____

VASG-P02-002

Inventor _____
Nathalie Kertesz

Date: _____

Address _____

Witness _____

Date: _____

Address _____
_____Inventor _____
Ramachandra Reddy

Date: _____

Address _____

Witness _____

Date: _____

Address _____
_____Inventor _____
Parkash Gill

Date: _____

Address _____

Witness _____

Date: _____

Address _____

VASG-P02-002

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- [] is being executed on even date herewith; and is about to be filed in the United States Patent Office;
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- [] was patented under U.S. Patent No. [PATENT NUMBER] on [PUBLICATION DATE].

WHEREAS, VasGene Therapeutics, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, having principal offices at 1929 Zonal Avenue, Los Angeles, California, 90033 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

VASG-P02-002

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AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor _____ Date: _____
Valery Krasnoperov

Address _____

Witness _____ Date: _____

Address _____

Inventor _____ Date: _____
Sergey Zozulya

Address _____

Witness _____ Date: _____

Address _____


VASG-P02-002

Inventor  Date: 7/12/05
Nathalie Kertesz

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Witness _____ Date: _____

Address _____

Inventor  Date: June 20, 2005
Ramachandra Reddy

Address 11408 Tidenhaven ct.
pearland, TX 77584

Witness _____ Date: _____

Address _____

Inventor  Date: June 30, 2005
Parkash Gill

Address _____

Witness _____ Date: _____

Address _____

Address _____

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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Application No. (if known): 12/156,553

Attorney Docket No.: VASG-P05-002

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Patent Number

Inventor: Krasnoperov et al.

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FROM: ROPES & GRAY LLP

Z. Angela Guo, Ph.D.

PHONE: (617) 951-7546

Attorney Dkt. #: VASG-P05-002

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ROPES & GRAY LLP

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Telephone: (617) 951-7000 Facsimile: (617) 951-7050