

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Samuel Jotham Reich</td> <td>04/16/2004</td> </tr> <tr> <td>Enrico Maria Surace</td> <td>03/23/2004</td> </tr> <tr> <td>Michael J. Tolentino</td> <td>04/27/2004</td> </tr> </tbody> </table>		Name	Execution Date	Samuel Jotham Reich	04/16/2004	Enrico Maria Surace	03/23/2004	Michael J. Tolentino	04/27/2004
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Samuel Jotham Reich	04/16/2004								
Enrico Maria Surace	03/23/2004								
Michael J. Tolentino	04/27/2004								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	The Trustees of The University of Pennsylvania								
<b>Street Address:</b>	3160 Chestnut Street								
<b>Internal Address:</b>	Suite 200								
<b>City:</b>	Philadelphia								
<b>State/Country:</b>	PENNSYLVANIA								
<b>Postal Code:</b>	19104								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12359505</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12359505				
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Application Number:	12359505								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(412)281-0717								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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<b>ATTORNEY DOCKET NUMBER:</b>	129402.00821								
<b>NAME OF SUBMITTER:</b>	N. Nicole Endejann								
Total Attachments: 4									

**OP \$40.00 12359505**

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## ASSIGNMENT

WHEREAS, we, Samuel Jotham Reich, a citizen of the United States of America; Enrico Maria Surace, a citizen of Italy; and Michael J. Tolentino, a citizen of the United States of America, with respective post office addresses of 312 Kent Road, Bala Cynwyd, Pennsylvania 19004, U.S.A.; Largo Della, Crocetta 2, Milan 20122, Italy; and 474 South Ithan Avenue, Villanova, Pennsylvania 19085, U.S.A., hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

### **COMPOSITIONS AND METHODS FOR siRNA INHIBITION OF HIF-1 ALPHA**

for which we have filed application Serial No. 10/699,557 for Letters Patent of the United States on October 31, 2003, and

WHEREAS, The Trustees of the University of Pennsylvania, a Pennsylvania corporation having a place of business at Suite 200, 3160 Chestnut Street, Philadelphia, Pennsylvania 19104-6283, U.S.A., hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.


NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

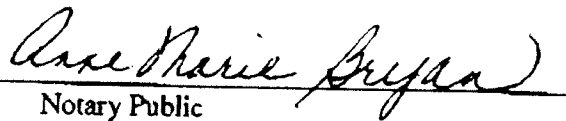
said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this document the filing date and/or serial number of our aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

 (L.S.)  
SAMUEL JOTHAM REICH

*Commonwealth*  
State of *Pennsylvania* :  
County of *Philadelphia* :  
SS

Before me, a notary public, in and for the State and County aforesaid, on this 16<sup>th</sup> day of April, 2004 personally appeared **Samuel Jotham Reich**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

  
Notary Public



Notarial Seal  
Anne Marie Bryan, Notary Public  
Philadelphia, Philadelphia County  
My Commission Expires Jan. 29, 2005

Member, Pennsylvania Association of Notaries

X DATE: March 23, 2004

Enrico Maria Surace  
ENRICO MARIA SURACE

X Alberto Auricchio  
(WITNESS) ALBERTO AURICCHIO, MD

\_\_\_\_\_  
MICHAEL J. TOLENTINO (L.S.)

State of \_\_\_\_\_ :  
County of \_\_\_\_\_ SS  
\_\_\_\_\_ :

Before me, a notary public, in and for the State and County aforesaid, on this day of \_\_\_\_\_, 2004 personally appeared **Michael J. Tolentino**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_

\_\_\_\_\_  
ENRICO MARIA SURACE

\_\_\_\_\_  
(WITNESS)

*M J* \_\_\_\_\_ (L.S.)  
MICHAEL J. TOLENTINO

*Commonwealth of*  
State of *Pennsylvania* :  
County of *Philadelphia* :  
SS

Before me, a notary public, in and for the *Commonwealth* State and County aforesaid, on this *27th* day of *April*, 2004 personally appeared **Michael J. Tolentino**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

*Anne Marie Bryan*  
\_\_\_\_\_  
Notary Public

Notarial Seal  
Anne Marie Bryan, Notary Public  
Philadelphia, Philadelphia County  
My Commission Expires Jan. 29, 2005  
Member, Pennsylvania Association of Notaries