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<p>1. Name of conveying party(ies): Samuel Jotham Reich Enrico Maria Surace Michael J. Tolentino</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): The Trustees of the University of Pennsylvania Suite 200 3160 Chestnut Street Philadelphia, PA 19104-6283</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date(s): <u>04/16/04; 03/23/04; 04/27/04</u></p>			
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>04/16/04</u></p> <table border="1"> <tr> <td data-bbox="68 829 792 982"> <p>A. Patent Application No.(s) <u>10/699,557</u></p> </td> <td data-bbox="792 829 1507 982"> <p>B. Patent No.(s)</p> </td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No.(s) <u>10/699,557</u></p>	<p>B. Patent No.(s)</p>
<p>A. Patent Application No.(s) <u>10/699,557</u></p>	<p>B. Patent No.(s)</p>		
<p>5. Name and address of party to whom correspondence concerning document should be mailed: GEORGE A. FRANK, Esq. Drinker Biddle & Reath LLP One Logan Square 18th & Cherry Streets Philadelphia, PA 19103-6996</p> <p>Attorney Docket No.: <u>43826-0002 US1</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> authorized to be charged to deposit account</p> <p>8. Deposit Account Number: <u>50-0573</u></p>		

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9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

GEORGE A. FRANK
Name of Person Signing

Signature

May 18, 2004
Date

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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;

DATE: _____

ENRICO MARIA SURACE

(WITNESS)

M J Tolentino _____ (L.S.)

MICHAEL J. TOLENTINO

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

Commonwealth

Before me, a notary public, in and for the 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

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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.

Samuel Jotham Reich (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 16th 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.

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

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