

**PATENT ASSIGNMENT**

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Partho Sarothi Ray	06/19/2010
Saumitra Das	04/20/2010
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<b>State/Country:</b>	INDIA
<b>PROPERTY NUMBERS Total: 1</b>	
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<b>Application Number:</b>	10598700
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CH \$40.00 10598700

**ASSIGNMENT**

WHEREAS, we, **Partho Sarothi Ray** of Bangalore, India, and **Saumitra Das** of Bangalore, India, and citizens of India (the "Assignors"), have invented a new and useful improvement in

**SMALL SYNTHETIC RNA, A METHOD OF PREPARING THE SAME  
AND USES THEREOF**

**PCT Application No. PCT/IN05/00078 filed March 11, 2005**

**U.S. Application No. 10/598,700 filed September 08, 2006**

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, Indian Institute of Science located at Bangalore 560012, India, is desirous of acquiring all rights, title and interests in and to the invention set forth in said application, and any and all Letters Patent which may be granted for or upon said invention in the United States of America, and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the Assignors, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said Indian Institute of Science, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) all claims, causes of action and damages for past infringement, if any, of said applications;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, the Assignors, further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Indian Institute of Science, or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said Indian Institute of Science for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

19.06.2010  
Date:

Partho Sarothi Ray  
**Partho Sarothi Ray**

Signed in my presence and acknowledged to be an assignment of the applications herein above referred to:

WITNESS

KOLKATA/WEST BENGAL, INDIA  
Signed At (City/State)

DIPAK KUMAR PORIA  
Name

Dipak Kumar Poria  
Signature

19.06.2010  
Date

WITNESS

KOLKATA (WEST BENGAL (INDIA)  
Signed At (City/State)

ASHISH GOYAL  
Name

ASHISH GOYAL  
Signature

19.06.2010  
Date

April 20, 2010  
Date:

Saumitra Das.  
Saumitra Das

Signed in my presence and acknowledged to be an assignment of the applications herein above referred to:

WITNESS

WITNESS

Signed At (City/State)

BANGALORE / KARNATAKA

Name

DEBJIT KHAN

Signature

Debjit Khan

Date April 20, 2010

Signed At (City/State)

Bangalore.

Name

SHARATH CHANDRA. A

Signature

Sharath Chandra

Date April/20/2010