

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL</td> <td>02/06/2014</td> </tr> </tbody> </table>		Name	Execution Date	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	02/06/2014
Name	Execution Date				
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	02/06/2014				
RECEIVING PARTY DATA					
Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government				
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Postal Code:	20892-7980				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>8309704</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	8309704
Property Type	Number				
Patent Number:	8309704				
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Total Attachments: 1 source=8309704,LAB,02-24-2014#page1.tif					

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Invention Title: Unexpected Asymmetry in the Assembly of the RNAi Enzyme Complex

Inventor(s): Phillip D. Zamore; Dianne Schwarz; Gyorgy Hutvagner; Martin Simard

U.S. Patent Title: Methods and Compositions for Enhancing the Efficacy and Specificity of RNA Silencing

U.S. Patent Issue Date: November 13, 2012

U.S. Patent No.: 8,309,704

Grant/Contract Number(s): NIH Grant Nos. GM062862, GM065236 and NS044952

Foreign Applications filed/intended in (countries): Australia, Canada and Europe

Invention Report No.: 4928603-08-0007

Grantee Invention Docket No.: UMMC 03-123

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 07 day of February, 2014.

By: James P. McNamara, Ph.D.

(Name of Grantee/Contractor Official) (Signature)

Title: Executive Director, Office of Technology Management

For: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL

(Grantee/Contractor Organization)

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