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Craig C. MELLO (01/25/2001), Hiroaki TABARA (01/25/2001), and Alla GRISHOK (01/25/2001)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
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2. Name and address of receiving party(ies)

Name: UNIVERSITY OF MASSACHUSETTS

Internal Address: _____

Street Address: _____

225 Franklin Street
12th Floor

City: Boston

State: Massachusetts

Country: United States of America Zip: 02110

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
10/645,746

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Debra J. Milasincic, Esq.
LAHIVE & COCKFIELD, LLP

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Fax Number: (617) 742-4214

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
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☐ None required (government interest not affecting title)

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Authorized User Name Debra J. Milasincic, Esq.

9. Signature:



Signature

August 22, 2007

Date

Debra J. Milasincic, Esq. - 46,931

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Total number of pages including cover sheet, attachments, and documents: 5

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 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 22, 2007

Signature: _____

(Debra J. Milasincic, Esq.)

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ASSIGNMENT

For valuable consideration, we, CRAIG C. MELLO of 19 Ryan Road, Shrewsbury, MA 01545, HIROAKI TABARA of 145 Orient Street, Worcester, MA 01545, and ALLA GRISHOK of 18 K Shrewsbury Green Drive, Shrewsbury, MA 01545, hereby assign to UNIVERSITY OF MASSACHUSETTS, a Massachusetts corporation having a place of business at:

One Beacon Street, 26th Floor
Boston, MA 02108

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled RNA INTERFERENCE PATHWAY GENES AS TOOLS FOR TARGETED GENETIC INTERFERENCE, filed October 13, 2000, and assigned U.S. Serial Number 09/689,992, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester, MA,
this 25th day of January, 2001
Craig C. Mello L.S.
CRAIG C. MELLO

State of Massachusetts :

: ss.

County of Worcester :

Before me this 25 day of January, 2001, personally
appeared CRAIG C. MELLO known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Orin Ann McAndrews
Notary Public

My Commission Expires: 11/20/2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester, MA,
this 25 day of January, 20 01
Hiroaki Tabara L.S.
HIROAKI TABARA

State of Massachusetts :

: ss.

County of Worcester :

Before me this 25 day of January, 20 01, personally
appeared HIROAKI TABARA known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Shirley Ann McAndrews
Notary Public

My Commission Expires: 11/20/2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester, MA,
this 25 day of January, 2001
ALLA GRISHOK L.S.

State of Massachusetts :

: ss.

County of Worcester :

Before me this 25 day of January, 2001, personally
appeared ALLA GRISHOK known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Dee Ann McGowan
Notary Public

My Commission Expires: 11/20/2003

[Notary's Seal Here]

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FAX TRANSMISSION**DATE:** August 22, 2007**PTO IDENTIFIER:** Application Number 10/645,746-Conf. #9625
Patent Number**Inventor:** Craig C. MELLO et al.**MESSAGE TO:** USPTO PTAS System / MS Assignment Recordation Services**FAX NUMBER:** (571) 273-0140**FROM:** LAHIVE & COCKFIELD, LLP
Debra J. Milasincic, Esq.**PHONE:** (617) 994-0781**Attorney Dkt. #:** UMY-052DV1**PAGES (Including Cover Sheet):** 7**CONTENTS:** Assignment (4 pages)
Recordation Form Cover Sheet (1 page)
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