

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<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>Nozomu Yanaihara</td> <td>06/20/2008</td> </tr> <tr> <td>Curtis C. Harris</td> <td>06/17/2008</td> </tr> </tbody> </table>		Name	Execution Date	Nozomu Yanaihara	06/20/2008	Curtis C. Harris	06/17/2008
Name	Execution Date						
Nozomu Yanaihara	06/20/2008						
Curtis C. Harris	06/17/2008						
RECEIVING PARTY DATA							
Name:	Department of Health and Human Services						
Street Address:	6011 Executive Boulevard						
Internal Address:	Suite 325						
City:	Rockville						
State/Country:	MARYLAND						
Postal Code:	20852						
PROPERTY NUMBERS Total: 1							
<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>12160034</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12160034		
Property Type	Number						
Application Number:	12160034						
CORRESPONDENCE DATA							
Fax Number:	(419)255-9639						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	419-255-5900						
Email:	DOCKETING@MSTFIRM.COM						
Correspondent Name:	MACMILLAN SOBANSKI & TODD, LLC						
Address Line 1:	ONE MARITIME PLAZA FIFTH FLOOR						
Address Line 2:	720 WATER STREET						
Address Line 4:	TOLEDO, OHIO 43604-1619						
ATTORNEY DOCKET NUMBER:	1-28348						
NAME OF SUBMITTER:	Joel Jackson						

Total Attachments: 3
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Attorney Docket No. 1-28348/00608

ASSIGNMENT

I/we,

NOZOMU YANAIHARA, of 1-8-19, Komachi, Kamakura-shi, Kanagawa, Japan 248-0006, a citizen of Japan, and

CURTIS C. HARRIS, of 4720 Waverly Ave., Garrett Park, MD, 20896-0077, a citizen of the United States, have invented

MicroRNA-BASED METHODS AND COMPOSITIONS
FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF LUNG CANCER

for which an application to the Commissioner for Patents for grant of Letters Patent of the United States of America,

- has been executed by the undersigned on: _____
 is filed herewith.

which claims priority from *PCT/US2007/000103*, filed *January 3, 2007*, and from *United States Serial No. 60/756,400*, filed *January 5, 2006*, and

«I/we» «was/were» employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of «my/our» obligations under Executive Order 10096, and other valuable consideration, «I/we» the undersigned, have sold, assigned, and transferred and do sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter **THE GOVERNMENT**), and successors and assigns, the full and «my/our» exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

«I/we» authorize and request the issuance of said Letters Patent to **THE GOVERNMENT**, as assignee of «my/our» entire right, title, and interest to be held as fully and entirely as the same would have been held by «me/us» had this assignment not been made.

«I/we» warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

«I/we» also agree upon reasonable request to communicate to **THE GOVERNMENT**, its representatives, assigns or agents, any facts known to «me/us» respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid **THE GOVERNMENT** and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon «my/our» heirs, legal representatives, administrators and assigns.

«I/we» have authorized **THE GOVERNMENT** to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. **THE GOVERNMENT** has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

Attorney Docket No. 1-28348/00608

<I/we> grant the law firm of MACMILLAN, SOBANSKI & TODD, LLC, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at

Tokyo (city), Japan (state) this 20th day of June, 2008.

Nozomu Yanaihara
NOZOMU YANAIHARA

STATE OF _____)

:ss

COUNTY OF _____)

This _____ day of _____, 200__, before me, a Notary Public in and for the County aforesaid, personally appeared _____, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at

_____ (city), _____ (state) this _____ day of _____, 200__.

CURTIS C. HARRIS

STATE OF _____)

:ss

COUNTY OF _____)

This _____ day of _____, 200__, before me, a Notary Public in and for the County aforesaid, personally appeared _____, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public

«I/we» grant the law firm of MACMILLAN, SOBANSKI & TODD, LLC, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at

_____ (city), _____ (state) this _____ day of _____, 200__.

NOZOMU YANAIHARA

STATE OF _____)

:ss

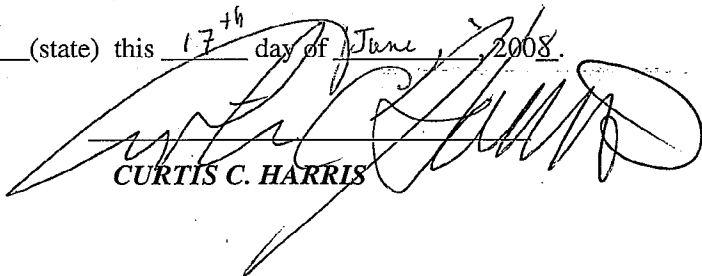
COUNTY OF _____)

This _____ day of _____, 200__, before me, a Notary Public in and for the County aforesaid, personally appeared _____, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at

Bechtold (city), Maryland (state) this 17th day of June, 2008.



CURTIS C. HARRIS

STATE OF Maryland)

:ss

COUNTY OF Montgomery)

This 17th day of June, 2008, before me, a Notary Public in and for the County aforesaid, personally appeared Curtis C. Harris, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Ann Schombert

Notary Public *my commission expires 10/01/09*