## PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

### SUBMISSION TYPE: NEW ASSIGNMENT

### NATURE OF CONVEYANCE: ASSIGNMENT

### CONVEYING PARTY DATA

<table>
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<th>Execution Date</th>
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<tr>
<td>Carlo M. Croce</td>
<td>06/27/2008</td>
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<tr>
<td>George A. Calin</td>
<td>06/16/2008</td>
</tr>
<tr>
<td>Stefano Volinia</td>
<td>06/27/2008</td>
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### RECEIVING PARTY DATA

- **Name:** The Ohio State University
- **Street Address:** 1960 Kenny Road
- **City:** Columbus
- **State/Country:** OHIO
- **Postal Code:** 43210

### PROPERTY NUMBERS Total: 16

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### Application Numbers

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### Correspondence Data

- **Fax Number:** (419)255-9639
- **Phone:** 4192555900
- **Email:** docketing@mstfirm.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

- **Correspondent Name:** MacMillan, Sobanski & Todd, LLC
- **Address Line 1:** 720 Water Street
- **Address Line 2:** One Maritime Plaza, Fifth Floor
- **Address Line 4:** Toledo, OHIO 43604

### Attorney Docket Number:

06138 16 Divisionals

### Name ofSubmitter:

Kristine H. Johnson

Total Attachments: 4

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ASSIGNMENT

WHEREAS either I or we,

*Carlo M. Croce, of 2140 Cambridge Blvd., Columbus, Ohio 43221*
*George A. Calin, of 12210 Willow Brook Lane, Pearland, Texas 77584, and*
*Stefano Volinia, of Corso Piave, 17, I-44100, Ferrara, Italy*

have made certain inventions in a

**MICRO-RNA-BASED METHODS AND COMPOSITIONS FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF SOLID CANCERS.**

filed as **PCT/US07/000159**, filed January 3, 2007, which claims priority from **United States Serial No. 60/756,585**, filed January 5, 2006, and

WHEREAS, **The Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210** organized and operating in the State of Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar ($1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I / we have sold, assigned, and transferred, and by these presents do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I / we further covenant and agree that I / we will, at the request and expense of the said Assignee, execute such and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I / we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And I / we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.
ASSIGNMENT

I/We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

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

Columbus (city), OH (state), this 27th day of June, 2008.

[Signature]

Carlo M. Croce

STATE OF Ohio

COUNTY OF Franklin

This 27th day of June, 2008, before me, a Notary Public in and for the County aforesaid, personally appeared Carlo M. Croce, 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.

[Signature]

Sharon R. Palko
Notary Public, State of Ohio
My Commission Expires 06-07-2012

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

[City], [State], this ____ day of ________, 200__.

[Signature]

George A. Calin

STATE OF _________

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

Page 2 of 3
ASSIGNMENT

I / We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

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

__________________ (city), ____________________ (state), this ______ day of _________, 200__.

______________________________

Carlo M. Croce

STATE OF ____________________

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

Houston (city), Texas (state), this 16th day of June, 200__

______________________________

George A. Cain

STATE OF Texas )

COUNTY OF Harris )

This 16th day of June, 200__ before me, a Notary Public in and for the County aforesaid, personally appeared George A. Cain __________, 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
ASSIGNMENT

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

COLUMBUS, OH (state), this 27th day of June, 2008.

Stefano Volinia

STATE OF OHIO
COUNTY OF FRANKLIN

This 31st day of June, 2008, before me, a Notary Public in and for the County aforesaid, personally appeared Stefano Volinia, 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.

SHARON R. PALKO
Notary Public, State of Ohio
My Commission Expires 08-07-2012