

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

Doc Code: 1-28234

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Carlo M. Croce
George A. Calin

2. Name and address of receiving party(ies)Name: The Ohio State University

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):Execution Date(s) 2/21/2008 and 2/26/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

Street Address: 1960 Kenny RoadCity: ColumbusState: OhioCountry: USA Zip: 43210

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

12/012,235, filed 1/31/2008

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:Name: Catherine B. Martineau, Reg. No. 31,854Internal Address: MacMillan, Sobanski & Todd LLCStreet Address: One Maritime Plaza, 5th Floor720 Water StreetCity: ToledoState: Ohio Zip: 43604Phone Number: (419) 255-5900Fax Number: (419) 255-9639Email Address: martineau@mstfirm.com**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
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 13-0005

Authorized User Name _____

9. Signature:Catherine B. Martineau

Signature

3/21/2008

Date

Catherine B. Martineau

Name of Person Signing

Total number of pages including
cover

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 130005 12012235

ASSIGNMENT

Attorney Docket No. 1-28234/06007

WHEREAS, as inventor(s), I/we,

Carlo M. Croce, 2140 Cambridge Blvd, Columbus, Ohio 43221

George A. Calin, 2428 Sawmill Village Court, Columbus, Ohio 43235

have made certain inventions in

**MICRO-RNA-BASED METHODS AND COMPOSITIONS FOR THE DIAGNOSIS,
PROGNOSIS AND TREATMENT OF BREAST CANCER**

the specification of which was filed on the date of JANUARY 31, 2008, and assigned the Serial Number, 12/012,235,
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 sell, assign, and transfer unto the said Assignee, my/our entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application executed by me/us, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and 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 my/our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.

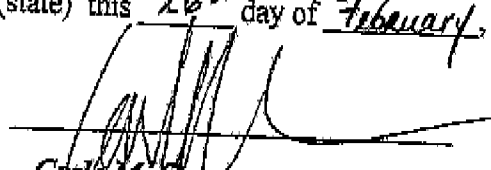
And I/we further covenant and agree that I/we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I/we will, at the request and expense of the said Assignee, 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 my/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 inventor(s), 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

Attorney Docket No. 1-28234/06007

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at
Columbus (city), OHIO (state) this 26th day of February, 2008.

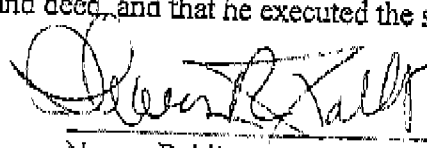

Carlo M. Croce

STATE OF OHIO)
COUNTY OF Franklin)
:SS

This 26th day of February, 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.



SHARON R. PALKO
Notary Public, State of Ohio
My Commission Expires 03-07-2012

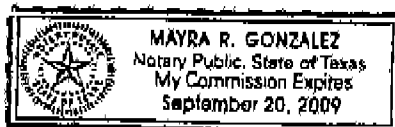

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at
HOUSTON (city), TEXAS (state) this 21 day of FEBRUARY, 2008.


George A. Calin

STATE OF TEXAS)
COUNTY OF HARRIS)
:SS

This 21 day of FEBRUARY, 2008, before me, a Notary Public in and for the County
aforesaid, personally appeared GEORGE A. CALIN, 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