**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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**CONVEYING PARTY DATA**

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<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Carlo M. Croce</td>
<td>05/21/2013</td>
</tr>
<tr>
<td>Nicola Valeri</td>
<td>05/30/2013</td>
</tr>
</tbody>
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**RECEIVING PARTY DATA**

<table>
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<tr>
<th>Name:</th>
<th>The Ohio State University</th>
</tr>
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<tbody>
<tr>
<td>Street Address:</td>
<td>1524 North High Street</td>
</tr>
<tr>
<td>City:</td>
<td>Columbus</td>
</tr>
<tr>
<td>State/Country:</td>
<td>OHIO</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>43201</td>
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**PROPERTY NUMBERS** Total: 1

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**CORRESPONDENCE DATA**

Fax Number: 4192559639  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 4192555900  
Email: docketing@matfirm.com  
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:** 1-52535/OSU-2011-085

**NAME OF SUBMITTER:** Catherine B. Martineau

Signature: /Catherine B. Martineau/

Date: 06/18/2013

Total Attachments: 3  
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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned,

Carlo M. Croce, a US citizen, residing at 2140 Cambridge Boulevard, Columbus, Ohio 43211 and
Nicola Valeri, a IT citizen, residing at 1608 Aschinger Boulevard, Columbus, Ohio 43212

(hereinafter “Assignors”) hereby sell, assign and transfer to The Ohio State University, an Institution of Higher Education in the State of Ohio having offices located at the Technology Commercialization and Knowledge Transfer Office, 1524 North High Street, Columbus, Ohio 43201 (hereinafter “Assignee”), its successors, assigns and legal representatives, the entire right, title and interest, in and to any and all inventions which are disclosed in:

Materials and Methods Related to MicroRNA-21, Mismatch Repair, and Colorectal Cancer,

filed as United States Serial No. 13/884,668, filed May 10, 2013,
which claims priority from PCT/US2011/060349, filed November 11, 2011,
which claims priority from United States Serial No. 61/413,180, filed November 12, 2010,
Reference No.: OSU-2011-085 [1-52535]

SUCH ASSIGNMENT shall be in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing applications, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said invention. We hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent to the above Assignee, its successors and/or assigns.

ASSIGNORS also agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, Assignors will carry out in good faith the intent and purpose of this assignment and that the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; and will execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title, declarations and other papers for the U.S., all other countries and under all treaties, and will communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, and for complying with applicable law and for vesting title to said inventions and all applications for patents and all patents on said inventions in said Assignee, its successors, assigns and legal representatives for the U.S., all other countries and under all related treaties.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of said Assignee to apply for, defend or enforce a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority,
ASSIGNORS FURTHER covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 5/21/13  By: Carlo M. Croce

WITNESSED BY:

Printed Name Sharon Pallo
Date: May 21, 2013

WITNESSED BY:

Printed Name Dorthnee Weankee
Date: 5/21/2013

Date: ____________________  By: ____________________

Nicola Valeri

WITNESSED BY:

Printed Name ____________________
Date: ____________________

WITNESSED BY:

Printed Name ____________________
Date: ____________________
ASSIGNORS FURTHER covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: ________________________  By: __________________________________________

Carlo M. Croce

WITNESSED BY:

____________________________________________

Printed Name________________________________

Date:________________________________________

WITNESSED BY:

____________________________________________

Printed Name________________________________

Date:________________________________________

Date: 30/5/2013  By: ____________________________

Nicola Valeri

WITNESSED BY:

V. Pausas-Host

Printed Name Viole Pausas - Host

Date: 30.05.2013

WITNESSED BY:

Andrea Lampis

Printed Name Andrea Lampis

Date: 30.05.2013