

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD JOHN BYERS	02/13/2015
CHRISTOPHER ROSE	02/12/2015
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<b>Name:</b>	THE UNIVERSITY OF MANCHESTER
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<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	M13 9PL
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14046651
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	30699/48024
<b>NAME OF SUBMITTER:</b>	DAVID A. GASS
<b>SIGNATURE:</b>	/David A. Gass/
<b>DATE SIGNED:</b>	02/27/2015
<b>Total Attachments: 2</b>	
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source=48024_Executed Assignment#page2.tif	

ASSIGNMENT

U.S. Patent Application No: 14/046,651

Filed: October 4, 2013

Title: BIOMARKER METHOD

WHEREAS Richard John Byers and Christopher Rose ownership rights in the above-mentioned application and invention or improvements described therein belong to THE UNIVERSITY OF MANCHESTER by virtue of employment and/or agreement;

WHEREAS the parties wish to confirm the transfer of these rights in a writing suitable for recording with the United States Patent & Trademark Office.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to THE UNIVERSITY OF MANCHESTER, Oxford Road, MANCHESTER, UNITED KINGDOM M13 9PL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for letters patent of the United States, and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein, assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be

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held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 12<sup>th</sup> day of February, 2015.

1) [Signature]  
Name: Richard John Byers

Witnesses:  
[Signature]  
GILLIAN HALL

WITNESS my hand this 12<sup>th</sup> day of February, 2015.

2) [Signature]  
Name: Christopher Rose

Witnesses:  
[Signature]  
CHRIS HENDERSON

Acceptance of Assignment

We, the undersigned, THE UNIVERSITY OF MANCHESTER, located at Oxford Road, MANCHESTER, UNITED KINGDOM M13 9PL, do hereby declare that we accept from Richard John Byers and Christopher Rose, the assignment of right, title and interest in respect of the intellectual property in the above-referenced application.

Assignee: THE UNIVERSITY OF MANCHESTER

Signature: [Signature]

Name: Jane Shelton  
Director of Finance and Business Services

Title: \_\_\_\_\_

Date: 02/12/15