

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Raymond A. Dwek	11/18/2010
Louise Royle	11/23/2010
Nicole Zitzmann	11/19/2010
Catherine M. Radcliffe	11/25/2010
Pauline Rudd	12/20/2010
RECEIVING PARTY DATA	
Name:	National Institute for Bioprocessing Research and Training Limited (NIBRT)
Street Address:	Room 125, Engineering Building
Internal Address:	University College Dublin
City:	Dublin
State/Country:	IRELAND
Postal Code:	4
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11411232
CORRESPONDENCE DATA	
Fax Number:	(202)672-5399
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(202) 672-5300
Email:	ptomailwashington@foley.com
Correspondent Name:	Stephen B. Maebius
Address Line 1:	Foley & Lardner LLP
Address Line 2:	3000 K Street, 6th Floor
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007
ATTORNEY DOCKET NUMBER:	088345-0102

OP \$40.00 11411232

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**PATENT
 REEL: 025640 FRAME: 0232**

NAME OF SUBMITTER:

Stephen B. Maebius

Total Attachments: 16

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

National Institute for Bioprocessing Research and Training Limited
(NIBRT)
Room 125, Engineering Building
University College Dublin
Dublin 4
Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**AUTOMATED STRATEGY FOR IDENTIFYING PHYSIOLOGICAL
GLYCOSYLATION MARKER(S)**

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 11/411,232 Filed 4/26/2006

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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Executed this 18th day of Nov, 2010.

Raymond A. Dwek
RAYMOND A. DWEK

NAME AND SIGNATURE OF WITNESSES

NAME: L.M. BUTTER SIGNATURE: [Signature] DATE: 18 Nov 2010
NAME: B. GANGADHARAN SIGNATURE: [Signature] DATE: 18th Nov 2010

Executed this _____ day of _____, 20____.

LOUISE ROYLE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____
NAME: _____ SIGNATURE: _____ DATE: _____

Executed this 19th day of November, 2010.

Nicole Zitzmann
NICOLE ZITZMANN

NAME AND SIGNATURE OF WITNESSES

NAME: L.M. BUTTER SIGNATURE: [Signature] DATE: 19 Nov 2010
NAME: B. GANGADHARAN SIGNATURE: [Signature] DATE: 19th Nov 2010

Executed this ____ day of _____, 20__.

CATHERINE M. RADCLIFFE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this ____ day of _____, 20__.

PAULINE RUDD

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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**AUTOMATED STRATEGY FOR IDENTIFYING PHYSIOLOGICAL
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Executed this _____ day of _____, 20__.

RAYMOND A. DWEK

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

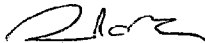
NAME: _____ SIGNATURE: _____ DATE: _____


Executed this 23 day of NOV, 2010.



LOUISE ROYLE

NAME AND SIGNATURE OF WITNESSES

NAME: DARRAGH O'BRIEN SIGNATURE:  DATE: 23 Nov 2010

NAME: RICHARD GARNER SIGNATURE:  DATE: 23 NOV 2010

Executed this _____ day of _____, 20__.

NICOLE ZITZMANN

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this ____ day of _____, 20__.

CATHERINE M. RADCLIFFE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this ____ day of _____, 20__.

PAULINE RUDD

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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Executed this _____ day of _____, 20__.

RAYMOND A. DWEK

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this _____ day of _____, 20__.

LOUISE ROYLE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this _____ day of _____, 20__.

NICOLE ZITZMANN

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this 25th day of November, 2010.

Catherine M. Radcliffe
CATHERINE M. RADCLIFFE

NAME AND SIGNATURE OF WITNESSES

NAME: S GARDNER SIGNATURE: [Signature] DATE: 25 Nov 10

NAME: T. SANDERSON SIGNATURE: [Signature] DATE: 25 Nov 10

Executed this _____ day of _____, 20__.

PAULINE RUDD

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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RAYMOND A. DWEK

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NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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LOUISE ROYLE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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NICOLE ZITZMANN

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

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CATHERINE M. RADCLIFFE

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Executed this 20 day of DECEMBER, 2010.

Pauline M. Rudd

PAULINE RUDD

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____