

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Natarajan Sethuraman</td> <td>02/22/2011</td> </tr> <tr> <td>Byung-Kwon Choi</td> <td>02/22/2011</td> </tr> <tr> <td>Bianka Prinz</td> <td>02/22/2011</td> </tr> <tr> <td>Michael Meehl</td> <td>02/22/2011</td> </tr> <tr> <td>Terrance A. Stadheim</td> <td>04/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Natarajan Sethuraman	02/22/2011	Byung-Kwon Choi	02/22/2011	Bianka Prinz	02/22/2011	Michael Meehl	02/22/2011	Terrance A. Stadheim	04/26/2011
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<table border="1"> <tr> <td>Name:</td> <td>MERCK SHARP & DOHME CORP.</td> </tr> <tr> <td>Street Address:</td> <td>126 East Lincoln Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>RY86-2011A</td> </tr> <tr> <td>City:</td> <td>Rahway</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07065</td> </tr> </table>		Name:	MERCK SHARP & DOHME CORP.	Street Address:	126 East Lincoln Avenue	Internal Address:	RY86-2011A	City:	Rahway	State/Country:	NEW JERSEY	Postal Code:	07065
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CORRESPONDENCE DATA													
<p>Fax Number: 7325944720 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732/594-6914 Email: us_efs@merck.com Correspondent Name: MERCK SHARP & DOHME CORP. Address Line 1: 126 East Lincoln Avenue Address Line 2: RY86-2011A Address Line 4: Rahway, NEW JERSEY 07065</p>													
NAME OF SUBMITTER:	John David Reilly												

CH \$40.00 13579972

Total Attachments: 5

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Worldwide Assignment

Attorney Docket No.: GFI-MIS-00010

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) NATARAJAN SETHURAMAN, located at Hanover, NH 03755,
- (2) BYUNG-KWON CHOI, located at Norwich, VT 05055,
- (3) BIANKA PRINZ, located at Lebanon, NH 03766,
- (4) MICHAEL MEEHL, located at Lebanon, NH 03766

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**METHOD FOR INCREASING N-GLYCOSYLATION SITE OCCUPANCY ON THERAPEUTIC GLYCOPROTEINS
PRODUCED IN PICHIA PASTORIS**

and in the following application(s):

U.S. Provisional Application No. 61/307,642 filed on February 24, 2010;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize ASSIGNEE to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

PATENT

REEL: 029120 FRAME: 0900

Executed this 22 day of Feb, 2011.

Natarajan
NATARAJAN SETHURAMAN

ACKNOWLEDGEMENT

STATE OF NEW HAMPSHIRE)
COUNTY OF GRAFTON) s.s.:

On this 22nd day of February, 2011, personally appeared before me NATARAJAN SETHURAMAN, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen M. Page
Notary Public

Executed this 22nd day of February, 2011.

B. K. Choi
BYUNG-KWON CHOI

KAREN M. PAGE
Notary Public - New Hampshire
My Commission Expires April 4, 2012

ACKNOWLEDGEMENT

STATE OF NEW HAMPSHIRE)
COUNTY OF GRAFTON) s.s.:

On this 22nd day of February, 2011, personally appeared before me BYUNG-KWON CHOI, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen M. Page
Notary Public

KAREN M. PAGE
Notary Public - New Hampshire
My Commission Expires April 4, 2012

Worldwide Assignment

Attorney Docket No.: GFI-MIS-00010

Executed this 22 day of February, 2011.

Bianka Prinz
BIANKA PRINZ

ACKNOWLEDGEMENT

STATE OF NEW HAMPSHIRE)
) s.s.:
COUNTY OF GRAFTON)

On this 22nd day of February, 2011, personally appeared before me **BIANKA PRINZ**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen M. Page
Notary Public

KAREN M. PAGE
Notary Public - New Hampshire
My Commission Expires April 4, 2012

Executed this 22nd day of February, 2011.

Michael Meehl
MICHAEL MEEHL

ACKNOWLEDGEMENT

STATE OF NEW HAMPSHIRE)
) s.s.:
COUNTY OF GRAFTON)

On this 22nd day of February, 2011, personally appeared before me **MICHAEL MEEHL**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen M. Page
Notary Public

KAREN M. PAGE
Notary Public - New Hampshire
My Commission Expires April 4, 2012

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,
(1) TERRANCE A. STADHEIM, located at Lyme, NH 03768,

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

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WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

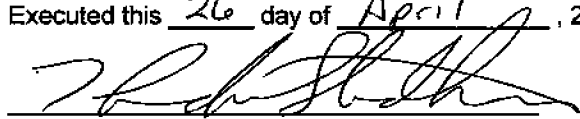
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 26 day of April, 2011.



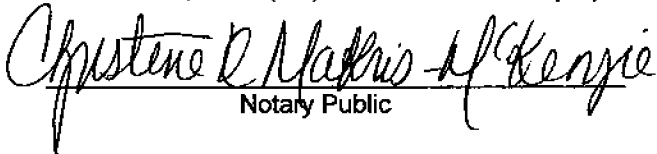
TERRANCE A. STADHEIM

ACKNOWLEDGEMENT

STATE OF NEW HAMPSHIRE)
) s.s.:
COUNTY OF GRAFTON)

On this 26 day of April, 2011, personally appeared before me **TERRANCE A. STADHEIM**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)


Notary Public

**MY COMMISSION EXPIRES
FEBRUARY 16, 2016**