

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2639537

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>JENNIFER A. DUMONT</td> <td>12/01/2011</td> </tr> <tr> <td>SUSAN LOW</td> <td>01/30/2012</td> </tr> <tr> <td>ALAN J. BITONTI</td> <td>01/18/2012</td> </tr> <tr> <td>GLENN PIERCE</td> <td>12/15/2011</td> </tr> <tr> <td>ALVIN LUK</td> <td>12/01/2011</td> </tr> <tr> <td>HAIYAN JIANG</td> <td>12/01/2011</td> </tr> <tr> <td>BYRON MCKINNEY</td> <td>01/04/2012</td> </tr> <tr> <td>MATT OTTMER</td> <td>12/01/2011</td> </tr> <tr> <td>JURG SOMMER</td> <td>01/18/2012</td> </tr> <tr> <td>KAREN NUGENT</td> <td>12/16/2011</td> </tr> <tr> <td>LIAN LI</td> <td>01/18/2012</td> </tr> <tr> <td>ROBERT PETERS</td> <td>12/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	JENNIFER A. DUMONT	12/01/2011	SUSAN LOW	01/30/2012	ALAN J. BITONTI	01/18/2012	GLENN PIERCE	12/15/2011	ALVIN LUK	12/01/2011	HAIYAN JIANG	12/01/2011	BYRON MCKINNEY	01/04/2012	MATT OTTMER	12/01/2011	JURG SOMMER	01/18/2012	KAREN NUGENT	12/16/2011	LIAN LI	01/18/2012	ROBERT PETERS	12/01/2011
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<table border="1"> <tr> <td>Name:</td> <td>BIOPEN IDEC HEMOPHILIA INC.</td> </tr> <tr> <td>Street Address:</td> <td>9 FOURTH AVENUE</td> </tr> <tr> <td>City:</td> <td>WALTHAM</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451</td> </tr> </table>		Name:	BIOPEN IDEC HEMOPHILIA INC.	Street Address:	9 FOURTH AVENUE	City:	WALTHAM	State/Country:	MASSACHUSETTS	Postal Code:	02451																
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PROPERTY NUMBERS Total: 2																											
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Application Number:	13513424																										
Application Number:	13793783																										
CORRESPONDENCE DATA																											
Fax Number:	(202)371-2540																										
Phone:	202-371-2600																										

OP \$80.00 13513424

Email: ckim@skgf.com, bqin@skgf.com, pdomally@skgf.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C

Address Line 1: 1100 NEW YORK AVENUE, NW

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	2159.2740007
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NAME OF SUBMITTER:	JI-EUN KIM
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Signature:	/Ji-Eun Kim #68,504/
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Date:	12/06/2013
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Total Attachments: 14

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ASSIGNMENT

For valuable consideration, we, Jennifer A. DUMONT, of Groton, MA; Susan LOW, of Pepperill, MA; Alan J. BITONTI, of Acton, MA; Glenn PIERCE, of Rancho Santa Fe, CA; Alvin LUK of Boston, MA; Haiyan JIANG, of Belmont, MA; Byron MCKINNEY, of San Diego, CA; Matt OTTMER, of Newton, MA; Jurg SOMMER, of Wayland, MA; Karen NUGENT, of Princes Risborough, Buckinghamshire, UK; Lian LI, of Lexington, MA; and Robert PETERS, of West Roxbury, MA hereby assign to Biogen Idec Hemophilia Inc., a corporation of Delaware having a place of business at:

9 Fourth Avenue
Waltham, MA 02451,

and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an international application for patent entitled **Factor VIII-Fc Chimeric and Hybrid Polypeptides, and Methods of Use Thereof**, international filing date December 6, 2010, and assigned International Application Number PCT/US2010/059136, this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, continuation-in-part, divisional, reissue, and reexamination applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: Dec 1, 2011

Jennifer A. Dumont
Jennifer A. DUMONT

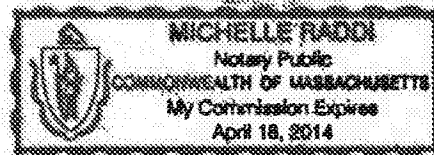
STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

Before me this 1st day of December, 20 11, personally
appeared Jennifer A. DUMONT known to me to be the person whose name is subscribed to the
foregoing Assignment, proved to me through satisfactory evidence of identification in the form
of company id, and acknowledged that she executed the same as her
free act and deed for the purposes therein contained.

Michelle Raddi
Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 1/30/12

Susan Low
Susan LOW

STATE OF MASSACHUSETTS)
COUNTY OF Middlesex) SS.

Before me this 30th day of January, 20 12, personally
appeared Susan LOW known to me to be the person whose name is subscribed to the foregoing
Assignment, proved to me through satisfactory evidence of identification in the form of
MASS DL, and acknowledged that she executed the same as her free
act and deed for the purposes therein contained.

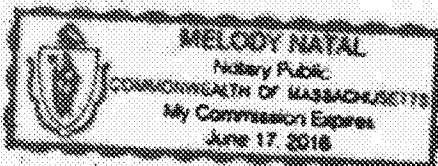
[Signature]

Notary Public

My Commission Expires:

June 17, 2016.

[Notary's Seal Here]



DATE: Jan 18, 2012

Alan J. Bitonti
Alan J. BITONTI

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

Before me this 18th day of January, 2012, personally appeared Alan J. BITONTI known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of drivers license, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Ramon R. Ojeda
Notary Public

My Commission Expires:

[Notary's Seal Here]

DATE: 15 Dec 11

Glenn Pierce
Glenn PIERCE

STATE OF Massachusetts,
COUNTY OF Middlesex } ss.

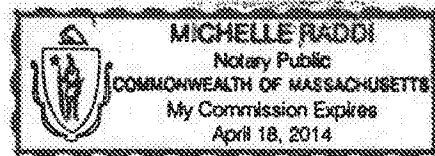
Before me this 15 day of December, 2011, personally
appeared Glenn PIERCE known to me to be the person whose name is subscribed to the
foregoing Assignment, proved to me through satisfactory evidence of identification in the form
of company id, and acknowledged that he executed the same as his
free act and deed for the purposes therein contained.

Michelle Raddi

Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 01 DEC, 2011

Alvin LUK

STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

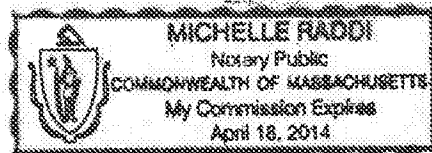
Before me this 1st day of December, 2011, personally
appeared Alvin LUK known to me to be the person whose name is subscribed to the foregoing
Assignment, proved to me through satisfactory evidence of identification in the form of
company id, and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

Michelle Raddi

Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 12/1/2011

Haiyan JIANG

STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

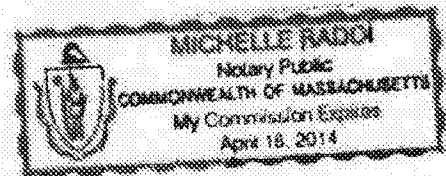
Before me this 1st day of December, 2011, personally
appeared Haiyan JIANG known to me to be the person whose name is subscribed to the
foregoing Assignment, proved to me through satisfactory evidence of identification in the form
of company id, and acknowledged that she executed the same as her
free act and deed for the purposes therein contained.

Michelle Raddi

Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 1/4/2012

Byron MCKINNEY
Byron MCKINNEY

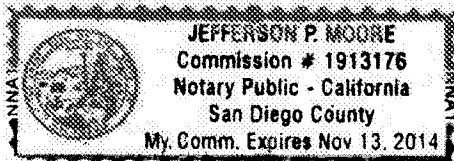
STATE OF California)
COUNTY OF San Diego) SS.

Before me this 4th day of January, 20 12, personally appeared Byron MCKINNEY known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of California Drivers License, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Jefferson P. Moore
Notary Public

My Commission Expires: 11-13-2014

[Notary's Seal Here]



DATE: 12/1/11

Matt Ottmer
Matt OTTMER

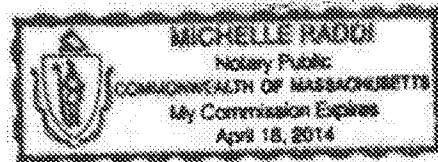
STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

Before me this 1st day of December, 2011, personally appeared Matt OTTMER known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of company id, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Michelle Raddi
Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 18 Jan 2012

Jurg SOMMER

STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

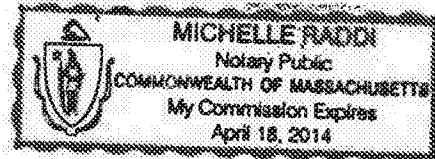
Before me this 18 day of January, 20 12, personally
appeared Jurg SOMMER known to me to be the person whose name is subscribed to the
foregoing Assignment, proved to me through satisfactory evidence of identification in the form
of drivers license, and acknowledged that he executed the same as his
free act and deed for the purposes therein contained.

Michelle Raddi

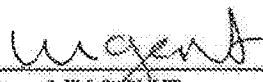
Notary Public

My Commission Expires:

[Notary's Seal-Here]



IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite her name.

Date: 16 Dec 2011 Signature of Inventor: 
Karen NUGENT

Witnessed before me:

Witness Signature: 

Date: 16/DEC/2011

Print Name: DERRELL DUNN

Witness Signature: 

Date: 16/DEC/2011

Print Name: CHRISTOPHER CASCAN

DATE: 1/18/2012

Lian LI
Lian LI

STATE OF Massachusetts
COUNTY OF Middlesex) SS.

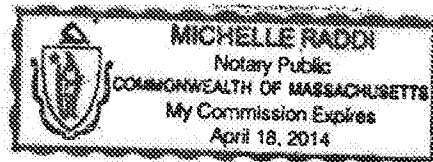
Before me this 18 day of January, 2012, personally
appeared Lian LI known to me to be the person whose name is subscribed to the foregoing
Assignment, proved to me through satisfactory evidence of identification in the form of
drivers license, and acknowledged that she executed the same as her free
act and deed for the purposes therein contained.

Michelle Raddi

Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: 12/1/2011

Robert Peters
Robert PETERS

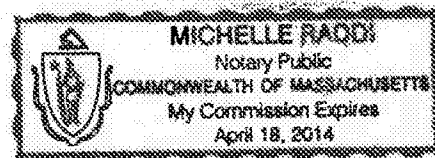
STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

Before me this 1st day of December, 20 11, personally appeared Robert PETERS known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of drivers license, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Michelle Raddi
Notary Public
My Commission Expires:

[Notary's Seal Here]

1360471.1



SCHEDULE A

UNITED STATES PATENTS, UNITED STATES PATENT APPLICATIONS AND INTERNATIONAL APPLICATIONS THAT DESIGNATE THE UNITED STATES

	Application No.	Filing Date	Patent No.	Issue Date
	13/513,424	12/28/2012		
	13/793,783	03/11/2013		

1783123_1.DOCX