

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>Linda C. Burkly</td><td>06/30/2008</td></tr><tr><td>Janine L. Ferrant-Orgettas</td><td>06/30/2008</td></tr><tr><td>Ellen A. Garber</td><td>06/30/2008</td></tr><tr><td>Yen-Ming Hsu</td><td>06/30/2008</td></tr><tr><td>Lihe Su</td><td>06/30/2008</td></tr><tr><td>Frederick R. Taylor</td><td>06/30/2008</td></tr></tbody></table>		Name	Execution Date	Linda C. Burkly	06/30/2008	Janine L. Ferrant-Orgettas	06/30/2008	Ellen A. Garber	06/30/2008	Yen-Ming Hsu	06/30/2008	Lihe Su	06/30/2008	Frederick R. Taylor	06/30/2008
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Biogen Idec MA Inc.</td></tr><tr><td>Street Address:</td><td>14 Cambridge Center</td></tr><tr><td>City:</td><td>Cambridge</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02142</td></tr></table>		Name:	Biogen Idec MA Inc.	Street Address:	14 Cambridge Center	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142				
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PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12532517</td></tr></tbody></table>		Property Type	Number	Application Number:	12532517										
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Application Number:	12532517														
CORRESPONDENCE DATA															
Fax Number: (617)235-9492 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Email: maria.marley@ropesgray.com															
Correspondent Name: Maria E. Marley															
Address Line 1: Ropes & Gray LLP															
Address Line 2: 1211 Avenue of the Americas															
Address Line 4: New York, NEW YORK 10036															
ATTORNEY DOCKET NUMBER:	107649-0002-101														
NAME OF SUBMITTER:	Maria E. Marley														

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PATENT
REEL: 023269 FRAME: 0182

Total Attachments: 7

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PCT
ASSIGNMENT

I/We,

- (1) Linda C. Burkly
- (2) Janine L. Ferrant-Orgettas
- (3) Ellen A. Garber
- (4) Yen-Ming Hsu
- (5) Lihe Su
- (6) Frederick R. Taylor

residing at

- (1) 34 Winthrop Street
West Newton, Massachusetts 02465
United States of America,
- (2) 8 Glenmere Avenue
Gloucester, Massachusetts 01930
United States of America,
- (3) 14 Donnell Street
Cambridge, Massachusetts 02138
United States of America,
- (4) 3 Douglas Road
Lexington, Massachusetts 02420
United States of America,
- (5) 976 Main Street
Reading, Massachusetts 01867
United States of America,
- (6) 98 Gulliver Street
Milton, Massachusetts 02186
United States of America

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to Biogen Idec MA Inc., a corporation organized and existing under the laws of the State of

Massachusetts and having an office and a place of business at 14 Cambridge Center, Cambridge, Massachusetts 02142, its successors and assigns:

(1) the entire right, title and interest in all countries throughout the world in and to any and all our inventions and discoveries disclosed in our International Patent

Application, filed under the Patent Cooperation Treaty filed in the United States

Receiving Office (RO/US) on March 21, 2008 assigned serial number

PCT/US2008/003735, entitled: "BINDING PROTEINS, INCLUDING

ANTIBODIES, ANTIBODY DERIVATIVES AND ANTIBODY FRAGMENTS,

THAT SPECIFICALLY BIND CD154 AND USES THEREOF", and designating all

PCT member countries, including Albania (AL), Algeria (DZ), Angola (AO), Antigua

& Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ),

Bahrain (BH), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ),

Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina

Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad

(TD), China (CN), Colombia (CO), The Comoros (KM), Congo (CG), Costa Rica

(CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic

(CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM),

Dominican Republic (DO), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial

Guinea (GQ), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM),

Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guatemala

(GT), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland

(IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP),,

Kazakhstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic

(LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY),

Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former

Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML),

Malta (MT) Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN),

Montenegro (ME), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands

(NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO),

Oman (OM), Papua New Guinea (PG), the Philippines (PH), Poland (PL), Portugal

(PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian

Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the

Grenadines (VC), San Marino (SM), Senegal (SN), Serbia (RS), Seychelles (SC),

Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA),

Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United Republic of Tanzania (TZ), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Zambia (ZM) and Zimbabwe (ZW) and all other PCT member countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of Biogen Idec MA Inc., its designee, or in our names at Biogen Idec MA Inc., or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

Serial No.	Country	Filing Date
60/919,816	United States	March 22, 2007
60/919,938	United States	March 22, 2007
60/920,495	United States	March 27, 2007

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to Biogen Idec MA Inc. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of Biogen Idec MA Inc. to execute and to deliver to Biogen Idec MA Inc. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent

issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree, at any time, upon request of Biogen Idec MA Inc. to execute and to deliver to Biogen Idec MA Inc. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of Biogen Idec MA Inc. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

It is our intention that this Assignment be effective and all rights transferred herein shall be considered to have vested in Biogen Idec MA Inc. on March 21, 2008, the filing date of International Patent Application No. PCT/US2008/003735.

ASSIGNOR:

Linda C. Burkly
Linda C. Burkly (1)

On this 30th day of June, 2008, Linda C. Burkly (1) personally appeared before me, a Notary Public in and for the state of Massachusetts and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



KATHLEEN PHILPOT
Notary Public
Commonwealth of Massachusetts
My Commission Expires
December 18, 2009

Kathleen Philpot
Notary Public

ASSIGNOR:

Janine L. Ferrant-Orgettas
Janine L. Ferrant-Orgettas (2)

On this 30th day of June, 2008, Janine L. Ferrant-Orgettas (2) personally appeared before me, a Notary Public in and for the state of Mass, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012

Bethany L. Slack
Notary Public

ASSIGNOR:

Ellen A. Garber
Ellen A. Garber (3)

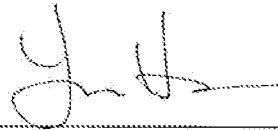
On this 30th day of June, 2008, Ellen A. Garber (3) personally appeared before me, a Notary Public in and for the state of Mass, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012

Bethany L. Slack
Notary Public

ASSIGNOR:

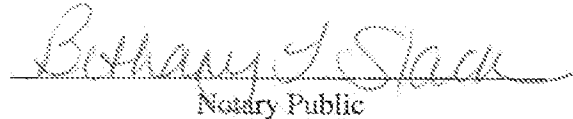


Yen-Ming Hsu (4)

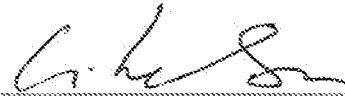
On this 30 day of June, 2008, Yen-Ming Hsu (4) personally appeared before me, a Notary Public in and for the state of MA, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012


Notary Public

ASSIGNOR:

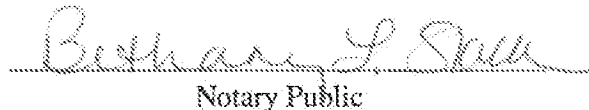


Lihe Su (5)

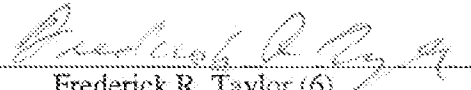
On this 30 day of June, 2008, Lihe Su (5) personally appeared before me, a Notary Public in and for the state of Mass, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012


Notary Public

ASSIGNOR:



Frederick R. Taylor (6)

On this 30 day of June, 2008, Frederick R. Taylor (6) personally appeared before me, a Notary Public in and for the state of Mass, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012


Notary Public

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of Biogen Idec MA Inc.

By:

Name:

Title:

Cara Lowen
**CARA LOWEN
ASSISTANT SECRETARY
ASSOCIATE GENERAL COUNSEL**

On ~~8~~ this 30th day of June, 2008,
Cara Lowen personally appeared before me, a Notary Public in and for the
state of Massachusetts and duly acknowledged the executed Assignment on
behalf of the Assignee.

Bethany L. Slack
Notary Public



BETHANY L. SLACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 1, 2012