

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Antonin R. De Fougerolles</td> <td>12/13/2004</td> </tr> <tr> <td>Victor E. Kotelianski</td> <td>12/13/2004</td> </tr> <tr> <td>Carl Reid</td> <td>03/14/2005</td> </tr> <tr> <td>Ellen Garber</td> <td>03/07/2005</td> </tr> </tbody> </table>		Name	Execution Date	Antonin R. De Fougerolles	12/13/2004	Victor E. Kotelianski	12/13/2004	Carl Reid	03/14/2005	Ellen Garber	03/07/2005
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Victor E. Kotelianski	12/13/2004										
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RECEIVING PARTY DATA											
Name:	Biogen Idec MA Inc.										
Street Address:	14 Cambridge Center										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02142										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12171791</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12171791						
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Application Number:	12171791										
CORRESPONDENCE DATA											
Fax Number:	(202)408-4400										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617.452.1600										
Email:	patricia.tedesco@finnegan.com										
Correspondent Name:	Finnegan Henderson										
Address Line 1:	55 Cambridge Parkway										
Address Line 4:	Cambridge, MASSACHUSETTS 02142										
ATTORNEY DOCKET NUMBER:	08201.0070-01000										
NAME OF SUBMITTER:	Tricia Tedesco										
<p>Total Attachments: 5 source=RecordationCoverSheet#page1.tif</p>											

OP \$40.00 12171791


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source=Assignment#page4.tif

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08201.0070-01000

**To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.**

Mail Stop Assignment Recordation Services

<p>1. Name of conveying party(ies): Antonin R. De Fougerolles Victor E. Kotelianski Carl Reid Ellen Garber</p>	<p>2. Name and address of receiving party(ies): Name: Biogen Idec MA Inc.</p>								
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Internal Address:</p>								
<p>3. Nature of conveyance:</p>	<p>Street Address: 14 Cambridge Center</p>								
<table border="0" style="width:100%;"> <tr> <td><input checked="" type="checkbox"/> Assignment</td> <td><input type="checkbox"/> Merger</td> </tr> <tr> <td><input type="checkbox"/> Security Agreement</td> <td><input type="checkbox"/> Change of Name</td> </tr> <tr> <td><input type="checkbox"/> Joint Research Agreement</td> <td><input type="checkbox"/> Government Interest Assignment</td> </tr> <tr> <td><input type="checkbox"/> Executive Order 9494, Confirmatory License</td> <td><input type="checkbox"/> Other:</td> </tr> </table>	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:	<p>City: Cambridge</p>
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<p>Execution Date: December 13, 2004 December 13, 2004 March 14, 2005 March 7, 2005</p>	<table border="0" style="width:100%;"> <tr> <td>State: MA</td> <td>Zip Code: 02142</td> </tr> </table>	State: MA	Zip Code: 02142						
State: MA	Zip Code: 02142								
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:</p>									
<p>A. Patent Application Number(s): 12/171,791</p>	<p>B. Patent Number(s):</p>								
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>								
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved: 1</p>								
<p>Name: Matthew R. Van Eman (202) 408-4000</p>	<p>7. Total fee (37 CFR 1.21(h) and 3.41): \$40</p> <p><input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p>								
<p>Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.</p>									
<p>Street Address: 901 New York Avenue, N.W.</p>									
<p>City: Washington</p>									
<p>State: DC Zip: 20001-4413</p>	<p>8. Deposit Account No.: 06-0916</p>								
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p>									
<p>Signed:  _____</p> <p align="center">Matthew R. Van Eman, Reg. No. 58,063</p>									
<p align="right">Date: <u>14 July 2008</u></p>									
<p>Total number of pages including cover sheet, attachments and documents: 5</p>									

ASSIGNMENT

WHEREAS, we, Antonin R. De Fougerolles and Victor E. Kotlianski have invented ANTIBODIES AGAINST MONOCYTE CHEMOTACTIC PROTEINS described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on May 27, 2004 as Application No. 10/855,013; a continuation of PCT/US02/038229 filed on November 27, 2002 claiming priority from U.S. provisional 60/343,391 filed on November 30, 2001, U.S. provisional 60/383,277 filed May 24, 2002 and U.S. provisional 60/400,469 filed August 1, 2002.
- was patented under U.S. Patent No. [] on [].

WHEREAS, **Biogen Idec MA Inc.** ("ASSIGNEE"), a corporation organized and existing under the laws of the state of **Massachusetts**, and having a usual place of business at **14 Cambridge Center, Cambridge, MA 02142** entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application including any divisions, continuations and continuations-in-part thereof, and such Letters Patent of the United States, and of foreign countries, as may issue thereon; and in and to any and all renewals, reissues, reexaminations and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent including, without limitation, any and all priority rights, convention rights and order benefits accruing or to accrue to assignee with respect to the filing of applications for patents in the United States and countries foreign thereto. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation and continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

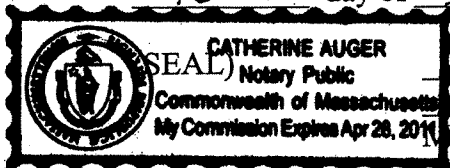
AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Antonin R. De Fougérolles
Antonin R. De Fougérolles

State/Commonwealth
Of Massachusetts
County of United States

Then personally appeared before me the above-named Antonin R. De Fougérolles and acknowledged that he executed the foregoing instrument as his free act and deed this 13 day of December, 2004.

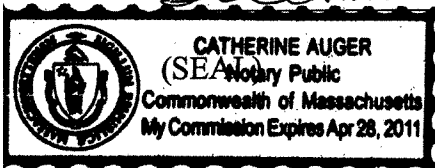


Catherine Auger Notary Public
Catherine Auger (print name)
My Commission expires 4/28/2011

Inventor's Signature: Victor E. Kotelianski
Victor E. Kotelianski

State/Commonwealth
Of Massachusetts
County of United States

Then personally appeared before me the above-named Victor E. Kotelianski and acknowledged that he executed the foregoing instrument as his free act and deed this 13 day of December, 2004.



Catherine Auger Notary Public
Catherine Auger (print name)
My Commission expires 4/28/2011

ASSIGNMENT

WHEREAS, we, Carl Reid and Ellen Garber have invented ANTIBODIES AGAINST MONOCYTE CHEMOTACTIC PROTEINS described in an application for Letters Patent of the United States, the specification of which:

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application including any divisions, continuations and continuations-in-part thereof, and such Letters Patent of the United States, and of foreign countries, as may issue thereon; and in and to any and all renewals, reissues, reexaminations and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent including, without limitation, any and all priority rights, convention rights and order benefits accruing or to accrue to assignee with respect to the filing of applications for patents in the United States and countries foreign thereto. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation and continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Carl Reid
Carl Reid

State/Commonwealth
Of Massachusetts
County of Middlesex

Then personally appeared before me the above-named Carl Reid and acknowledged that he executed the foregoing instrument as his free act and deed this 14 day of March, 2005.

(SEAL) Patricia A. Horstetter Notary Public
PATRICIA A. HORSTETTER (print name)
My Commission expires 5/19/06

Inventor's Signature: Ellen Garber
Ellen Garber

State/Commonwealth
Of Massachusetts
County of Middlesex

Then personally appeared before me the above-named Ellen Garber and acknowledged that he executed the foregoing instrument as his free act and deed this 7th day of March, 2005.

(SEAL) Patricia A. Horstetter Notary Public
PATRICIA A. HORSTETTER (print name)
My Commission expires 5/19/06