

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2006)

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### 1. Name of conveying party(ies):

Michele SANICOLA-NADEL (04/26/2005),  
Heather ADKINS HUET (04/26/2005), Steven  
Donald MIKLASZ (04/21/2005),

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: Biogen Idec MA Inc.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

14 Cambridge Center

City: Cambridge

State: Massachusetts

Country: United States of America Zip: 02142

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

A. Patent Application No.(s)

10/945853

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Amy E. Mandragouras  
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: BGNA117CPPCCN

Street Address: 28 State Street

City: Boston

State: MA Zip: 02109

Phone Number: (617) 227-7400

Fax Number: (617) 742-4214

Email Address: Aem@lahive.com

### 6. Total number of applications and patents involved:

1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

- a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 12-0080  
Authorized User Name Amy E. Mandragouras

### 9. Signature:



Signature

October 5, 2005

Date

Amy E. Mandragouras - 36,207  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-0140 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 5, 2005

Signature: \_\_\_\_\_

(Amy E. Mandragouras)

CH \$40.00 120080 10945853

<b>RECORDATION FORM COVER SHEET</b> <b>(continued)</b>	
<b>Form PTO-1595</b>	
<b>Additional Conveying Party(ies)/Execution Date(s) (1. Continued):</b>  Paul RAYHORN (04/21/2005), Susan Gall SCHIFFER (04/09/2005), and Kevin P. WILLIAMS (03/31/2005)	
<b>Additional Assignees (2. Continued):</b>	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____	
Internal Address: _____	
Street Address: _____	
City: _____ State: _____ Country: _____ Zip: _____	
<b>Additional Applications and/or Patents (4. Continued):</b>	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

10/05/2005  
700215552Form PTO-1595 (Rev. 07/05)  
OMB No. 0551-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies):

Michele SANICOLA-NADEL (04/28/2005),  
Heather ADKINS HUET (04/28/2005), Steven  
Donald MIKLAGEZ (04/21/2005),Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 2. Name and address of receiving party(ies)

Name: Biogen Idec MA Inc.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

14 Cambridge Center

City: CambridgeState: MassachusettsCountry: United States of America Zip: 02142Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_

## 4. Application or patent number(s):

A. Patent Application No.(s)

10/946863

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: Amy E. Mandragouras  
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: BGNA117CPPCGN

Street Address: 28 State StreetCity: BostonState: MA Zip: 02109Phone Number: (617) 227-7400Fax Number: (617) 742-4214Email Address: Aam@lahive.com

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Authorized User Name Amy E. Mandragouras

## 9. Signature:

Signature

October 5, 2005

Date

Amy E. Mandragouras - 38,207  
Name of Person SigningTotal number of pages including cover  
sheet, attachments, and documents:

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Dated: October 5, 2005

Signature:

(Amy E. Mandragouras)

Form PTO-1595		RECORDATION FORM COVER SHEET (continued)	
<b>Additional Conveying Party(ies)/Execution Date(s) (1. Continued):</b> PAUL RAYHORN (04/21/2005), Susan Gail SCHIFFER (04/09/2005), and Kevin P. WILLIAMS (03/31/2005)			
<b>Additional Assignees (2. Continued):</b>			
Assignee Name: _____ Internal Address: _____ Street Address: _____  City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____  City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____  City: _____ State: _____ Country: _____ Zip: _____			
<b>Additional Applications and/or Patents (4. Continued):</b>			
Additional Patent Application Numbers 4A. Continued:		Additional Patent Numbers 4B. Continued:	
Additional numbers attached?		<input type="checkbox"/> Yes <input type="checkbox"/> No	

**ASSIGNMENT BY INVENTORS**

WE, Michele SANICOLA-NADEL; Heather ADKINS; Steven Donald MIKLASZ; Paul RAYHORN; Susan Gail SCHIFFER; and Kevin P. WILLIAMS, of Winchester, Massachusetts; Arlington, Massachusetts; Upton, Massachusetts; Foxboro, Massachusetts; Lexington, Massachusetts; and Chapel Hill, North Carolina, respectively, in consideration of One Dollar and other valuable consideration paid to us by

Biogen Idec MA Inc.

a Corporation of Massachusetts, having its principal place of business at 14 Cambridge Center, Cambridge, Massachusetts 02142, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Biogen Idec MA Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**CRIPTO - SPECIFIC ANTIBODIES**

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 10/945853, filed on September 20, 2004

This application claims the benefit of the following PCT application(s):

☒ PCT Application No. PCT/US2002/031462, filed on October 1, 2002

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

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

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Michele Sanicola-Nadel  
Michele Sanicola-Nadel

Date: April 26 2005

United States of America )  
State of Massachusetts ) ss.:  
County of Middlesex )

On this 26 day of April, 2005 before me, the  
the undersigned notary public, personally appeared Michele Sanicola-Nadel  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was license, to be the person whose name  
is signed on the preceding or attached document in my presence.

Patricia A. Hoffelt (official signature and seal of notary)  
My commission expires May 19 2006

Heather Adkins Huet  
Heather Adkins Huet *HT*

Date: April 26, 2005

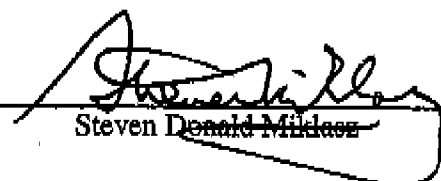
United States of America )  
State of Massachusetts ) ss.:  
County of Middlesex )

On this 26 day of April, 2005 before me, the  
the undersigned notary public, personally appeared Heather Adkins Huet  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was license, to be the person whose name  
is signed on the preceding or attached document in my presence.

Patricia A. Hestler (official signature and seal of notary)

My commission expires May 19, 2006

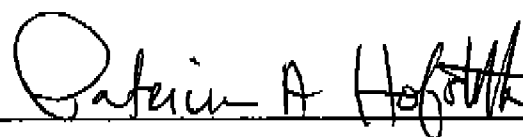


  
Steven Donald Miklasz

Date: April 21, 2005

United States of America  
State of Massachusetts ss.:  
County of Middlesex

On this 21 day of April, 2005 before me, the  
the undersigned notary public, personally appeared Steven Donald Miklasz  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was license, to be the person whose name  
is signed on the preceding or attached document in my presence.

  
\_\_\_\_\_  
(official signature and seal of notary)  
My commission expires May 19 2006

Paul Rayhorn  
Paul Rayhorn

Date: April 21

United States of America  
State of Massachusetts ss.:  
County of Middlesex

On this 21 day of April, 2025 before me, the  
the undersigned notary public, personally appeared Paul Rayhorn  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was license, to be the person whose name  
is signed on the preceding or attached document in my presence.

Lauren A Hofstille (official signature and seal of notary)

My commission expires May 19 2026

Susan Gail Schiffer  
Susan Gail Schiffer

Date: 9 APRIL 2005

United States of America )  
State of MASSACHUSETTS ) ss.:  
County of MIDDLESEX )

On this 9 day of APRIL, 2005 before me, the  
the undersigned notary public, personally appeared CELANA CHITTS  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was MA. DRIV. LICENCE, to be the person whose name  
is signed on the preceding or attached document in my presence.

[Signature] (official signature and seal of notary)

My commission expires 22 Aug. 2008



Kevin P. Williams

Date: March 31, 2005

United States of America

State of North Carolina ) ss.:County of Durham )

On this 31<sup>st</sup> day of March, 2005 before me, the  
the undersigned notary public, personally appeared Kevin P. Williams  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was in person + driver's license, to be the person whose name  
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)My commission expires July 14, 2007