RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademárk Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): Syntonix Pharmaceuticals, Inc. Additional name(s) of conveying party(ies) attached? 3. Nature of conveying party(ies) attached? 4. Application Data(s):	Form PTO-1595 (Rev. 08/05) OMB No. 0951-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
To the Director of the U.S. Patent and Trademárk Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(les): Syntonix Pharmaceuticals, Inc. Syntonix Pharmaceuticals, Inc.					
1. Name of conveying party(les): Syntonix Pharmaceuticals, Inc. Security Agreement	PATENTS ONLY				
1. Name of conveying party(les): Syntonix Pharmaceuticals, Inc. Security Agreement	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Syntonix Pharmaceuticals, Inc. Name: Biogen Idea Inc. Internal Address: Street Address: 14 Cambridge Center 3. Nature of conveying panylies) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s): 12/21/06 Assignment Merger Change of Name X Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s):		·			
Additional name(s) of conveying peny(less) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s): 12/21/06 Assignment		Biogen Idec Inc			
Additional name(s) of conveying pany(sex) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s): 12/21/06 Assignment		Name. Bloger 1000 mo.			
3. Nature of conveyance/Execution Date(s): Execution Date(s): 12/21/06 Assignment		Internal Address:			
Execution Date(s): 12/21/06 Assignment	Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 14 Cambridge Center			
Assignment Merger Change of Name X Security Agreement Joint Research Agreement X Security Agreement Joint Research Agreement State: Massachusetts Country: US Zip: 02142 Additional name(s) & address(es) Yes X No Additional name(s) & address(es) Yes X No Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) Patent No.(s)	3. Nature of conveyance/Execution Date(s):				
Security Agreement	Execution Date(s): 12/21/06				
State: Massachusetts	Assignment Merger Change of Name				
Executive Order 9424, Confirmatory License	X Security Agreement Joint Research Agreement	City: Cambridge			
Exacutive Order 9424, Confirmatory License Other Country: US Zip: 02142 Additional name(s) & address(as) Yes X No 4. Application or patent number(s): A. Patent Application No (s) 80/469600 11/029003 11/041692 60/487964 11/58903 10/841849 60/785421 60/399207 60/468837 10/842054 60/785421 10/841250 10/841819 60/540236 60/805534 Additional name(s) & address(as) Yes X No B. Patent No.(s) B. Patent No.(s) X Yes No No Name: Number of applications and patents Involved: Name: WILLIAM J. MOUAT, ESQ. Internal Address: Atty. Dkt.: (BIIJ-014) Street Address: Atty. Dkt.: (BIIJ-014) Street Address: Ropes & Gray LLP One International Place City: Boston State: MA Zip: 02110 Phone Number: (617) 951-7113 Fax Number: (617) 951-7113 Fax Number: (617) 951-7050 Email Address: william.mouat@ropesgray.com Page of the diding rever Address of Address: William.mouat@ropesgray.com None required (government Interest not affecting title) B. Patent No.(s) X Yes No 6. Total number of applications and patents involved: X Authorized to be charged to deposit account Enclosed None required (government Interest not affecting title) B. Patent No.(s) X Yes No 6. Total number of applications and patents involved: X Authorized to be charged to deposit account Enclosed None required (government Interest not affecting title) B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Expiration Date Date William J. Mouat, Esq. Total number of pages including cover B	Government Interest Assignment				
Additional name(s) & address(es)					
4. Application or patent number(s): A. Patent Application No.(s) 80/469600 11/029003 60/469803 11/045022 60/487964 11/058431 10/841949 60/785421 60/53927 60/468837 10/642054 60/774953 10/641250 10/641819 60/540236 60/805634 Additional numbers attached? Name and address to whom correspondence concerning document should be malled: Name: WILLIAM J. MOUAT, ESQ. Internal Address: Atty, Dkt.: (BIIJ-014) Street Address: Ropes & Gray LLP One International Place City: Boston State: MA Zip: 02110 Phone Number: (617) 951-7113 Fax Number: (617) 951-7050 Email Address: william.mouat@ropesgray.com Attached? This document is being filed together with a new application. B. Patent No.(s) 8. Patent No.(s) 6. Total number of applications and patents Involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 800.00 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 18-1945 Authorized User Name Erin Dugan 9. Signature William J. Mouat, Esq. Total number of applications and 20 Additional numbers attached? 8. Patent No.(s)	 				
A. Patent Application No.(s) 60/469600 11/029003 60/469603 11/045022 60/4697604 11/589431 10/841949 60/785421 60/539207 60/468837 10/841819 60/540236 60/805634 Additional numbers attached? Name: WILLIAM J. MOUAT, ESQ. Internal Address: Atty. Dkt.: (BIIJ-014) Street Address: Ropes & Gray LLP One International Place City: Boston State: MA Zip: 02110 Repair No.(s) B. Patent No.(s) Authorized Authorized to be charged to deposit account Deposit account Deposit account Deposit Account Number Expiration Date B. Patent No.(s) Authorized to be charged to deposit account Deposit Account Number Expiration Date B. Patent No.(s) Authorized to be charged to deposit account Deposit Account Number Expiration Date B. Patent No.(s) Authorized to be charged to deposit account Deposit Account Number Expiration Date B. Patent No.(s) Authorized to be charged to deposit account Deposit Account Number Expiration Date B. Patent No.(s) Authorized to be charged by credit card Authorized User Name Enin Dugan B. Patent No.(s)	Other				
Concerning document should be mailed: Name: WILLIAM J. MOUAT, ESQ. Internal Address: Atty. Dkt.: (BIIJ-014) Street Address: Ropes & Gray LLP One International Place City: Boston State: MA Zip: 02110 Phone Number: (617) 951-7113 Fax Number: (617) 951-7050 Email Address: william.mouat@ropesgray.com Phone Number: William J. Mouat, Esq. Total new loved: 7. Total fee (37 CFR 1.21(n) & 3.41) \$ 800.00 Authorized to be charged by credit card X Authorized to be charged to deposit account None required (government Interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Erin Dugan	A. Patent Application No.(s) 60/469600 11/029003 60/469603 11/045022 60/487964 11/588431 10/841949 60/785421 60/539207 60/468837 10/842054 60/774853 10/841250 10/841819 60/540236 60/805634 Additional numbers attached	Yes No			
WILLIAM J. MOUAT, ESQ. Internal Address: Atty. Dkt.: (BIIJ-014) Street Address: Ropes & Gray LLP One International Place City: Boston State: MA Zip: 02110 Phone Number: (617) 951-7113 Fax Number: (617) 951-7050 Email Address: william.mouat@ropesgray.com Bignature William J. Mouat, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 800.00 Authorized to be charged by credit card X Authorized to be charged to deposit account None required (government Interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Explration Date b. Deposit Account Number 18-1945 Authorized User Name Erin Dugan William J. Mouat, Esq. Total number of pages including cover	concerning document should be mailed:	patents Involved:			
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City: Boston State: MA Zip: 02110 Phone Number: (617) 951-7113 Fax Number: (617) 951-7050 Email Address: william.mouat@ropesgray.com Signature: Signature William J. Mouat, Esq. B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Erin Dugan 1 June 14 Total number of pages including cover 18 Authorized User Name Information a. Credit Card Last 4 Numbers Expiration Date Total number of pages including cover 18 B. Payment Information a. Credit Card Last 4 Numbers Expiration Date 1 June 14 Total number of pages including cover 18 B. Payment Information a. Credit Card Last 4 Numbers Expiration Date		片			
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Phone Number: (617) 951-7113 Expiration Date Fax Number: (617) 951-7050 b. Deposit Account Number 18-1945 Email Address: william.mouat@ropesgray.com Authorized User Name Erin Dugan 3. Signature: Date William J. Mouat, Esq. Total number of pages including cover 8	City: Boston	8. Payment Information			
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Email Address: william.mouat@ropesgray.com Authorized User Name Erin Dugan N - J	(247) 274 7252	·			
Signature: No. Signature: No. Signature Signature Date William J. Mouat, Esq. Total number of pages including cover and documents.	99				
Signature Date William J. Mouat, Esq. Total number of pages including cover 8		PHILI PASSIL			

Name of Person Signing	William J. Mouat, Esq. Name of Person Signing				

Form PTO-1595	RECOR	DATION FORM COVER SHEET (CONTINUED)	
Additional Conve	ying Party(ies)/Exec	cution Date(s) (1. Continued):	
Additional Assign	ees (2. Continued):		
Assignee Name:		<u> </u>	
Internal Address:	<u></u>		
Street Address:			
	01.4	Country	Zio:
City:	State:	Country:	2.b
Assignee Name:			
Internal Address:			
Street Address:			
Cih.:	State	Country:	Zio:
Assignes Name:		<u></u> ,	
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Applica	ations and/or Patent	ts (4. Continued):	
Additional Patent Applicat 4A, Continued:	tion Numbers	Additional Patent Numbers 4B. Continued:	
60/364482 10/435608 11/336581 10/622108			
	Additional number	s attached? Yes No	

PATENT Docket No.: REEL: 018764 FRAME: 0587

Execution Version

THIS NOTE WAS ISSUED IN A PRIVATE PLACEMENT, WITHOUT REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "ACT"), AND MAY NOT BE SOLD, ASSIGNED, PLEDGED OR OTHERWISE TRANSFERRED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT UNDER THE ACT COVERING THE TRANSFER OR AN OPINION OF COUNSEL ACCEPTABLE TO THE ISSUER THAT SUCH REGISTRATION UNDER THE ACT IS NOT REQUIRED.

[REDACTED]

SYNTONIX PHARMACEUTICALS, INC.

Note Due [Redacted]

\$[Redacted]

December 21, 2006

FOR VALUE RECEIVED, the undersigned, Syntonix Pharmaceuticals, Inc., a Delaware corporation (the "Company"), hereby promises to pay to the order of Biogen Idec Inc. or registered assigns (such original payee or any assignee from time to time, the "Noteholder"), at the address specified in Section 11.1 hereof, or at such other place as the Noteholder shall from time to time have designated to the Company in writing, on [Redacted] or such earlier accelerated maturity date as set forth herein (any such date, the "Maturity Date"), [Redacted] Dollars (\$[Redacted]), and to pay interest thereon as provided in Section [redacted] hereof.

[Redacted]

- SECURITY AGREEMENT PROVISIONS.
 - 9.1 SECURITY.
- 9.1.1 Grant of Collateral. As security for the payment and performance of the Note, the Company hereby creates a security interest in favor of the Noteholder and the holders from time to time of the Note in all of the Company's right, title and interest in and to (but none of its obligations or liabilities with respect to) the items and types of present and future property described below in this Section 9.1.1, whether now owned or hereafter acquired except to the extent (i) any intellectual property or other property held pursuant to a license or other contract where the applicable agreement or contract prohibits the granting by the Company of a security interest in such property, (ii) the granting of a security interest in such property is contrary to applicable law, provided that upon the cessation of any such restriction or prohibition, such property shall automatically become part of the Collateral, or (iii) any such property constitutes the capital stock of a foreign corporation (as defined in the Internal Revenue Code of 1986, as amended, and the regulations thereunder) in excess of 65% of the voting power of all classes of capital stock of such controlled foreign corporation entitled to vote:

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Accounts receivable, contract rights, documents, instruments, general intangibles, inventory, goods, equipment, patents [note to redacted copy: including but not limited to, the patents and patent-related information set forth in Exhibit C], copyrights, trademarks [note to redacted copy: including, but not limited to, the trademarks and trademark-related information set forth in Exhibit D], domain names, goodwill, investment property, stock or other evidences of ownership, chattel paper, instruments, leases, commercial tort claims, cash, cash equivalents, deposit accounts, books, records, insurance proceeds, dividends, all other property, assets and items of value and proceeds and products of the foregoing (all of the above being included in the term "Collateral").

9.1.2 <u>Perfection of Collateral</u>. Subject to the provisions of Section [redacted], (i) the Company will deliver to the Noteholder certificates and instruments representing any pledged stock, debt or other securities, accompanied by transfer powers executed in blank and, if the Noteholder so requests, with the signature guaranteed, all in form and manner reasonably satisfactory to the Noteholder, and (ii) upon the Noteholder's reasonable request from time to time, the Company will, and hereby authorizes the Noteholder on the Company's behalf to execute and deliver, and file and record in the proper filing and recording places, all such instruments, including Uniform Commercial Code financing statements covering all assets of the Company, control statements, collateral assignments of copyrights, trademarks, patents, cash agency agreements, documents providing for direct collection of accounts receivable, mortgages or deeds of trust and notations on certificates of title, and take all such other action, as the Noteholder deems reasonably necessary for perfecting or otherwise confirming to it its security interest in the Collateral.

[Redacted]

11. MISCELLANEOUS.

11.1 <u>Notices</u>. Any notice or other communication to the Company or the Noteholder in connection with this Note must be in writing and must be delivered: (a) by hand (in which case it will be effective upon delivery), (b) by facsimile (in which case it will be effective upon receipt of confirmation of good transmission), or (c) by overnight delivery by a nationally recognized courier service (in which case it will be effective on the business day after being deposited with such courier service), and in each case, to the address (or facsimile number) listed below:

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-2-

If to the Company, to: Syntonix Pharmaceuticals, Inc.

9 Fourth Avenue

Waltham, Massachusetts 02451 Telephone number: (781) 547-6000 Facsimile number: (781) 547-6008

Attention: President

with a copy to: Wilmer Cutler Pickering Hale and

Dorr LLP 60 State Street

Boston, Massachusetts 02109

Telephone number: (617) 526-6000 Facsimile number: (617) 526-5000 Attention: Steven D. Singer, Esq.

If to the Noteholder, to: Biogen Idec Inc.

14 Cambridge Center Cambridge, MA 02142

Telephone number: (617) 679-2000 Facsimile number: (866) 546-2758

Attention: General Counsel

with a copy to: Ropes & Gray LLP

One International Place

Boston, Massachusetts 02110

Telephone number: (617) 951-7000 Facsimile number: (617) 951-7050

Attention: Paul Kinsella

[Redacted]

[Remainder of Page Intentionally Left Blank]

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The undersigned has caused this Note to be executed by a duly authorized officer as of the date first written above.

SYNTONIX PHARMACEUTICALS, INC.

Yame:

Title:

Accepted and Agreed:

BIOGEN IDEC INC.

By_

Name:

Title:

[SIGNATURE PAGE TO NOTE]

Exhibit A

[Redacted]

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-5-

Exhibit B

[Redacted]

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RECORDED: 01/12/2007

-6-