# 503252797 04/07/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3299415

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYA	NCE:	CHANGE OF NAME			
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
BIOGEN, INC.			11/13/2003		
RECEIVING PARTY DA	ТА				
Name:	BIOGEN I	DEC MA INC.			
Street Address:	14 CAMB	RIDGE CENTER			
City:	CAMBRIC	)GE			
State/Country:	MASSAC	HUSETTS			
Postal Code:	02142				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number:	14	021547			
CORRESPONDENCE D	AIA				
Eax Number:	(6-	17)205 7070			
Fax Number: Correspondence will b	•	17)395-7070 <b>ne e-mail address first: if that is uns</b> t	uccessful. it will be sent		
Correspondence will b	e sent to th	17)395-7070 <b>ne e-mail address first; if that is uns</b> t <b>f that is unsuccessful, it will be sent</b>			
<i>Correspondence will be using a fax number, if  </i> Phone:	e sent to th provided; i (6 <sup>-</sup>	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050			
<i>Correspondence will be using a fax number, if p</i> Phone: Email:	e sent to th provided; i (6 <sup></sup> JN	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com			
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	e sent to th provided; i (6 JN LA	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP			
Correspondence will bu using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	e sent to th provided; ii (6 <sup>-</sup> J№ LA RI	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK			
Correspondence will busing a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to th provided; i (6 JN LA RI ON	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK NE MAIN STREET	t via US Mail.		
Correspondence will bu using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	e sent to th provided; i (6 JN LA RI ON	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK	t via US Mail.		
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to th provided; i (6 JN LA RI ON CA	ne e-mail address first; if that is unsu f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK NE MAIN STREET	t via US Mail.		
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Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	e sent to th provided; i (6 JN LA RI ON CA	ne e-mail address first; if that is unse f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK NE MAIN STREET MBRIDGE, MASSACHUSETTS 0214 C2095-700023	t via US Mail.		
Correspondence will busing a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to th provided; i (6 JN LA RI ON CA	ne e-mail address first; if that is unse f that is unsuccessful, it will be sent 17) 395-7050 IGPatents@LALaw.com NDO & ANASTASI LLP VERFRONT OFFICE PARK NE MAIN STREET MBRIDGE, MASSACHUSETTS 0214 C2095-700023 JULIE M. GOTTSELIG, PH.D.	t via US Mail.		
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 10	e sent to th provided; i (6 JN LA RI ON CA JMBER:	A contract of the term of	t via US Mail.		
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Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 10 source=Biogen Inc to Biogsource=Biogen Inc to Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource=Biogsource	e sent to th provided; i (6 JN LA RI ON CA JMBER:	A constraint of the constraint	t via US Mail.		
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N ,		FEDERAL IDENTIFICATION NO. 04-3002117
Examiner	The Commonwealth of Massach William Francis Galvin Secretary of the Commonwealth One Ashburton Place, Boston, Massachusetts 02108	1512
NY2	ARTICLES OF AMENDMENT	021
16	(General Laws, Chapter 156B, Section 72)	
Name Approved	we,Michael F. Phelps	* <b>MXXXXXX</b> / *Vice President,
	and Anne Marie Cook	, *ČIČT* / *Assistant Clerk,
	of Biogen, Inc. (Exact name of corporation)	,
	located at 15 Cambridge Center, Cambidge, MA 02142	,
	(Street address of corporation in Massac	(busetts)
	certify that these Articles of Amendment affecting articles numbered:	
	(Number those articles 1, 2, 3, 4, 5 and/or 6 be	amended)
	of the Articles of Organization were duly adopted at a meeting held on Novembe	r 13_, 20_03_, by vote of:
	1000 shares of <u>Common Stock</u> of 1000 (type, class & series, if any)	shares outstanding,
	<u>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</u>	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
c N	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
P ∐ M □ R.A. □	<sup>1</sup> **being at least a majority of each type, class or series outstanding and entitled to v <b>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</b>	ote thereon: / or <sup>2</sup> **t <b>XXXX</b> Cand of each type, class or
<u>Ч</u> Р.С.	*Delete the inapplicable words. *Delete the inapplicable clause. <sup>1</sup> For amendments adopted pursuant to Chapter 156B, Section 70. <sup>2</sup> For amendments adopted pursuant to Chapter 156B, Section 71. Note: If the space provided under any article or item on this form is insufficient, additions only of separate 8 1/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to made on a single sheet so long as each article requiring each addition is clearly indicated.	sball be set fortb on one side o more iban one article may be 1566emen 475/00
	REEL:	PATENT 035380 FRAME: 0491

To change the number of shares and the par value (if any) of any type, class or series of stock which the corporation is authorized to issue, fill in the following:

The total *presently* authorized is:

WITHOU	IT PAR VALUE STOCKS		WITH PAR VALUE ST	ocks
TYPE	NUMBER OF SHARES	Түре	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
Preferred:		Preferred:		

Change the total authorized to:

WITHOU	JT PAR VALUE STOCKS		WITH PAR VALUE STO	CKS
ТҮРЕ	NUMBER OF SHARES	ТҮРЕ	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
				·····
Preferred:		Preferred		

Article 1 of the Articles of Organization of Biogen, Inc. is hereby amended to read in its entirety as set forth below:

The exact name of the Corporation is Biogen Idec MA, Inc.

The foregoing amendment(s) will become effective when these Articles of Amendment are filed in accordance with General Laws, Chapter 156B, Section 6 unless these articles specify, in accordance with the vote adopting the amendment, a *later* effective date not more than *thirty days* after such filing, in which event the amendment will become effective on such later date.

Later effective date:N/A		
SIGNED UNDER THE PENALTIES OF PERJURY, this $13^{44}$	day of November	, <sub>20</sub> _ 03 _ ,
michael & Play	Michael F. Phelps	, *Þræðaðað / *Vice President,
anne Ware Coole	Anne Marie Cook	, * číčkk / *Assistant Clerk.
*Delete the inapplicable words.		
		PATENT

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#### THE COMMONWEALTH OF MASSACHUSETTS

#### ARTICLES OF AMENDMENT (General Laws, Chapter 156B, Section 72)

Effective date: \_\_\_\_\_

Willem Transing

WILLIAM FRANCIS GALVIN Secretary of the Commonwealth

#### TO BE FILLED IN BY CORPORATION Contact information:

Louis A. Goodman		
Skadden,	Arps, Slate, Meagher & Flom LLP	
One Beaco	on Street, Boston, MA 02108	
Telephone; _	(617) 573-4800	
Email:	LGoodman@Skadden.com	

A copy this filing will be available on-line at www.state.ma.us/sec/cor once the document is filed. LUNPERMINAL LIVISION

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TATE

A A	The Commonwealth of Massach William Francis Galvin Secretary of the Commonwealth One Ashburton Place, Boston, Massachusetts 02108 ARTICLES OF AMENDMENT (General Laws, Chapter 156B, Section 72)	
Name Approved	we. Anne Marie Cook	*XXXXXX/*Vice President
·	and Benjamin S. Harshbarger	, *Člěrk / *Assistant Clerk,
	of Biogen Idec MA, Inc.	
	(Exact name of corporation)	
	located at <u>15 Cambridge Center, Cambidge, MA 02142</u> (Street address of corporation in Massac	husetts)
	certify that these Articles of Amendment affecting articles numbered:	
	(Number those articles 1, 2, 3, 4, 5 and/or 6 be	ring amended)
	of the Articles of Organization were duly adopted at a meeting held on December	-
	1000 shares of Common Stock of 1000 (type, class & series, if any)	shares outstanding,
	<u>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</u>	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	<u>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXX</u> XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
c つ	(Battrety as sector had	
р Ц м П R.A. Ц	<sup>1**</sup> being at least a majority of each type, class or series outstanding and entitled to very the series of stock whose rights are adversely affected thereby:	
<u>я</u> 24 Р.С.	*Delete the inapplicable words. * Delete the inapplicable clause. For amendments adopted pursuant to Chapter 156B, Section 70. For amendments adopted pursuant to Chapter 156B, Section 71. Note: If the space provided under any article or lient on this form is insufficient, additions so outy of separate 8 1/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to made on a single sheet so long as each article requiring each addition is clearly indicated.	

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To *change* the number of shares and the par value (if any) of any type, class or series of stock which the corporation is authorized to issue, fill in the following:

The total presently authorized is:

WITHOU	JT PAR VALUE STOCKS		WITH PAR VALUE STO	DCKS
ТҮРЕ	NUMBER OF SHARES	түре	NUMBER OF SHARES	PAR VALUE
Common:		Common:		
······································				
Preferred:		Preferred:	/	
		- <b>I</b>		L

Change the total authorized to:

WITHOUT PAR VALUE STOCKS		with par value stocks		
TYPE	NUMBER OF SHARES	ТҮРЕ	NUMBER OF SHARES	PAR VALUE
Common:		Common:	7	
Preferred:		Preferred		
·····				

Article 1 of the Articles of Organization of Biogen Idec MA, Inc. is hereby amended to read in it entirety as set forth below:

The exact name of the Corporation is Biogen Idec MA Inc.

The foregoing amendment(s) will become effective when these Articles of Amendment are filed in accordance with General Laws, Chapter 156B, Section 6 unless these articles specify, in accordance with the vote adopting the amendment, a *later* effective date not more than *lbirty days* after such filing, in which event the amendment will become effective on such later date.

Later effective date: N/A		
SIGNED UNDER THE PENALTIES OF PERJURY, this 3	day ofDecember	. 20 03 ,
Theme many Cook	Anne Marie Cook	, <b>*Þræstuðat / *</b> Vice President,
Buy 1th	Benjamin S. Harshbarger	, * 🎗 🏹 / * Assistant Clerk.

\*Delete the inapplicable words.

### PATENT REEL: 035380 FRAME: 0497

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#### ARTICLES OF AMENDMENT (General Laws, Chapter 156B, Section 72)

I hereby approve the within Articles of Amendment and, the filing fee in the amount of  $\frac{1}{200}$  having been paid, said-articles are deemed to have been filed with me this \_\_\_\_\_ day of \_\_\_\_\_ day of \_\_\_\_\_\_

Effective date: \_\_\_\_\_

#### WILLIAM FRANCIS GALVIN

Secretary of the Commonwealth

#### TO BE FILLED IN BY CORPORATION Contact information:

Kevin M. Foley Biogen Idec Inc. <u>14 Cambridge Center, Cambridge, MA 02142</u> Tclephone: \_\_\_\_(617) 679-2716 Email: \_\_\_\_\_\_kevin.foley@biogenidec.com

A copy this filing will be available on-line at www.state.ma.us/sec/cor once the document is filed. NORMAL PROFESSION

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STATE STATE

	1	FEDERALIDENTIFICATION NO. 04-3002117
	_ The Commonwealth of Massac	husetts
Examiner	William Francis Galvin Secretary of the Commonwealth	
	One Ashburton Place, Boston, Massachusetts 0210	8-1512
	CERTIFICATE OF CORRECTION (General Laws, Chapter 156B, Section 6A)	with
	1. Exact name of corporation: Biogen Idec MA Inc.	
	2. Document to be corrected: Articles of Amendment	
	3. The above mentioned document was filed with the Secretary of the Commonwe	ealth on
	November 13 , 20 03 .	
	4. Please state the inaccuracy or defect in said document: The address of the corporation was reported as follows:	SECRET D4 FF
	15 Cambridge Center Cambridge, MA 02142	SECRETARY OF STATE SECRETARY OF STATE 04 FEB 24 PH 3: 35 04 FEB 24 PH 3: 35
	5. Please state corrected version of the document;	
	The address of the corporation should be as follows:	
	14 Cambridge Center Cambridge, MA 02142	
		200400 <b>106</b>
	Note: This correction should be signed by the person(s) required by law to sign the origina	l document.
	SIGNED UNDER THE PENALTIES OF PERJURY, this 20th day of February	, 20 <u>04</u> ,
	- Quine Thanie Cooke	, XIXXXXXXX/ *Vice President,
/1 ·		SKNNXSDXメ *Incorporator(s).
<u>UM</u> p.c.	*Delete the inapplicable words. Note: Af the inaccuracy or defect to be corrected is not apparent on the face of the documen substantiating the error must be filed with the certificate. Additional information may be pr sheets of white paper with a left margin of at least 1 inch.	it, minutes of the meeting ovided on separate 8 1/2 x 11
	MA016 - 12/26/00 C T System Online	158bcarr 4/5/0
	7700	PATENT

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P.C.

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FEDE	RALIDENTIFICATION
NO(	)4-3002117

	1	NO. <u>04-3002117</u>
	_ The Commonwealth of Masse	achusetts
Examiner D.C.	William Francis Galvin Secretary of the Commonwealth One Ashburton Place, Boston, Massachusetts 02	2108-1512
	CERTIFICATE OF CORRECTION (General Laws, Chapter 156B, Section (	
	(General Laws, Chapter 1902, Stellon C	
	1. Exact name of corporation: Biogen Idec MA Inc.	
	2. Document to be corrected: Articles of Amendment	
	3. The above mentioned document was filed with the Secretary of the Commonwealth on	
	December 4	
	4. Please state the inaccuracy or defect in said document: The address of the corporation was reported as follows:	
	15 Cambridge Center Cambridge, MA 02142	
		SECRETARY OF STATE RECEIVED 04 FEB 24 PH 3: 36
	<ol> <li>Please state corrected version of the document: The address of the corporation should be as follows:</li> </ol>	PH 3: 120 VI
	14 Cambridge Center Cambridge, MA 02142	TATE ): 36 /ISION
	<b>200400692</b>	
	Note: This correction should be signed by the person(s) required by law to sign the original document.	
	SIGNED UNDER THE PENALTIES OF PERJURY, this 20th day of <u>February</u>	, 20 <mark>04</mark> ,
	, Man Conte , XDEXXXX/ *Vice President,	
	*Delete the inapplicable words Notes if the inaccuracy or defect to be corrected is not apparent on the face of the document, minutes of the meeting	
	substantiating the error must be filed with the certificate. Additional information may be provided on separate 8 1/2 x 11 sheets of white paper with a left margin of at least 1 inch.	
	MA016-12/26/00 C T System Online	159boort 4/5/00
	6100	PATENT

RECORDED: 04/07/2015

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