

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>Daniel H.S. LEE</td> <td>07/15/2005</td> </tr> <tr> <td>R. Blake PEPINSKY</td> <td>07/11/2005</td> </tr> <tr> <td>Weiwei LI</td> <td>08/11/2005</td> </tr> <tr> <td>Jane K. RELTON</td> <td>07/15/2005</td> </tr> <tr> <td>Dane S. WORLEY</td> <td>07/14/2005</td> </tr> <tr> <td>Dinah W.Y. SAH</td> <td>06/08/2005</td> </tr> <tr> <td>Sylvia A. RABACCHI</td> <td>05/31/2005</td> </tr> </tbody> </table>		Name	Execution Date	Daniel H.S. LEE	07/15/2005	R. Blake PEPINSKY	07/11/2005	Weiwei LI	08/11/2005	Jane K. RELTON	07/15/2005	Dane S. WORLEY	07/14/2005	Dinah W.Y. SAH	06/08/2005	Sylvia A. RABACCHI	05/31/2005
Name	Execution Date																
Daniel H.S. LEE	07/15/2005																
R. Blake PEPINSKY	07/11/2005																
Weiwei LI	08/11/2005																
Jane K. RELTON	07/15/2005																
Dane S. WORLEY	07/14/2005																
Dinah W.Y. SAH	06/08/2005																
Sylvia A. RABACCHI	05/31/2005																
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>11055163</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11055163												
Property Type	Number																
Application Number:	11055163																
CORRESPONDENCE DATA																	
Fax Number:	(202)371-2540																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	202-371-2600																
Email:	jking@skgf.com																
Correspondent Name:	Elizabeth J. Haanes, Ph.D.																
Address Line 1:	Sterne, Kessler, Goldstein & Fox PLLC																
Address Line 2:	1100 New York Avenue, NW																
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005																
NAME OF SUBMITTER:	Elizabeth J. Haanes, Ph.D.																

OP \$40.00 11055163

PATENT

Total Attachments: 17

source=21590430003assign1#page1.tif
source=21590430003assign1#page2.tif
source=21590430003assign1#page3.tif
source=21590430003assign1#page4.tif
source=21590430003assign2#page1.tif
source=21590430003assign2#page2.tif
source=21590430003assign2#page3.tif
source=21590430003assign2#page4.tif
source=21590430003assign3#page1.tif
source=21590430003assign3#page2.tif
source=21590430003assign3#page3.tif
source=21590430003assign4#page1.tif
source=21590430003assign4#page2.tif
source=21590430003assign4#page3.tif
source=21590430003assign5#page1.tif
source=21590430003assign5#page2.tif
source=21590430003assign5#page3.tif

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: **Daniel H.S. LEE, R. Blake PEPINSKY, Weiwei LI, Jane K. RELTON, Dane S. WORLEY, Dinah W.Y. SAH and Sylvia A. RABACCHI**, hereby sell and assign to **Biogen Idec MA Inc.**, a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, MA 02142 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **NOGO Receptor Antagonists** for which application(s) for patent in the United States of America was filed on February 10, 2005 (also known as United States Application No. 11/055,163), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

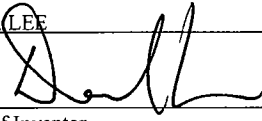
The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trinvinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,984 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq.,

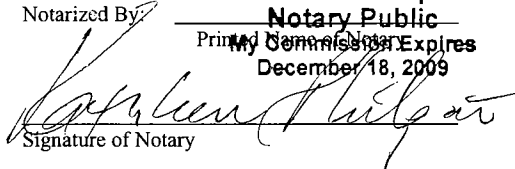
Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934., power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Daniel H.S. LEE

Signature of Inventor

July 15th 2005
Date

Notarized By: Kathleen Philpot
Notary Public
Printed Name of Notary
My Commission Expires
December 18, 2009


Signature of Notary

15 July 2005
Date

R. Blake PEPINSKY
Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Weiwei LI
Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Jane K. RELTON
[Signature]
Signature of Inventor

7/19/05
Date

On this 15th day of July, 2005 before me, the undersigned notary public, personally appeared Jane K. Relton and proved to me through satisfactory evidence of identification, which were Biometric Photo ID Badge

Notarized By: Jeanne S. Schmitter
Printed Name of Notary

[Signature]
Signature of Notary

15 July 2005
Date

to be the person whose name is signed on this proceeding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.
Jeanne S. Schmitter
JEANNE S. SCHMITTER, Notary Public
My Commission Expires February 13, 2008

Dane S. WORLEY

[Signature]
Signature of Inventor

7-14-2005
Date

Notarized By: Kathleen Philpot
Printed Name of Notary
Notary Public
My Commission Expires December 18, 2009

[Signature]
Signature of Notary

14 Jul 2005
Date

Dinah W.Y. SAH

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Sylvia A. RABACCHI

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

408770_1.DOC

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: **Daniel H.S. LEE, R. Blake PEPINSKY, Weiwei LI, Jane K. RELTON, Dane S. WORLEY, Dinah W.Y. SAH** and **Sylvia A. RABACCHI**, hereby sell and assign to **Biogen Idec MA Inc.**, a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, MA 02142 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **NOGO Receptor Antagonists** for which application(s) for patent in the United States of America was filed on February 10, 2005 (also known as United States Application No. 11/055,163), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trinvinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,984 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq.,

Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934,, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Daniel H.S. LEE

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

R. Blake PEPINSKY

R. Blake Pepinsky
Signature of Inventor

7/11/05
Date

Notarized By: *Kathleen Philpot*
Printed Name of Notary
Kathleen Philpot
Notary Public
My Commission Expires

Signature of Notary **December 18, 2009**

Date

Weiwei LI

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Jane K. RELTON

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Dane S. WORLEY

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Dinah W.Y. SAH

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

Sylvia A. RABACCHI

Signature of Inventor

Date

Notarized By: _____
Printed Name of Notary

Signature of Notary

Date

408770_1.DOC

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Daniel H.S. LEE, R. Blake PEPINSKY, Weiwei LI, Jane K. RELTON, Dane S. WORLEY, Dinah W.Y. SAH and Sylvia A. RABACCHI**, hereby sell and assign to **BIOGEN IDEC MA Inc.**, a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, Massachusetts 02142 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **NOGO Receptor Antagonists** for which application(s) for patent in the United States of America was filed on February 10, 2005 (also known as United States Application No. 11/055,163), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trinvinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,985 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq.,

Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
 Daniel H.S. LEE

Date: _____ Signature of Inventor: _____
 R. Blake PEPINSKY

Date: _____ Signature of Inventor: _____
 Weiwei LI

Date: _____ Signature of Inventor: _____
 Jane K. RELTON

Date: _____ Signature of Inventor: _____
 Dane S. WORLEY

Date: June 8, 2005 Signature of Inventor: Dinah W.Y. Sah
 Dinah W.Y. SAH

Date: _____ Signature of Inventor: _____
 Sylvia A. RABACCHI

Witnessed before me:

Signature: Emily Stacy Signature: _____
 Print Name: Emily Stacy Print Name: _____
 Address: 91 Prince St #14 Address: _____
Boston MA 02113

Signature: Stacey Russell Signature: _____
 Print Name: Stacey Russell Print Name: _____
 Address: 49 Prichard Ave, Apt. 2 Address: _____
Somerville, MA 02144

Witnessed before me:

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Address: _____

Address: _____

Signature: _____

Print Name: _____

Address: _____

393020

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Daniel H.S. LEE, R. Blake PEPINSKY, Weiwei LI, Jane K. RELTON, Dane S. WORLEY, Dinah W.Y. SAH and Sylvia A. RABACCHI**, hereby sell and assign to **BIOGEN IDEC MA Inc.**, a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, Massachusetts 02142 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **NOGO Receptor Antagonists** for which application(s) for patent in the United States of America was filed on February 10, 2005 (also known as United States Application No. 11/055,163), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trivinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,985 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messenger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq.,

2159.0430003/EKS/EJH

Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
 Daniel H.S. LEE

Date: _____ Signature of Inventor: _____
 R. Blake PEPINSKY

Date: _____ Signature of Inventor: _____
 Weiwei LI

Date: _____ Signature of Inventor: _____
 Jane K. RELTON

Date: _____ Signature of Inventor: _____
 Dane S. WORLEY

Date: _____ Signature of Inventor: _____
 Dinah W.Y. SAH

Date: 5/31/05 Signature of Inventor: Sylvia A. Rabacchi
 Sylvia A. RABACCHI

Witnessed before me:

Signature: Charles Macaluso
 Print Name: CHARLES MACALUSO
 Address: 215 College Rd. Paramus, NY
07652

Signature: Tracey Saporito
 Print Name: Tracey Saporito
 Address: 215 College Rd Paramus, NJ
07652

Signature: _____
 Print Name: _____
 Address: _____

Signature: _____
 Print Name: _____
 Address: _____

Witnessed before me:

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Address: _____

Address: _____

Signature: _____

Print Name: _____

Address: _____

393020

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Daniel H.S. LEE, R. Blake PEPINSKY, Weiwei LI, Jane K. RELTON, Dane S. WORLEY, Dinah W.Y. SAH and Sylvia A. RABACCHI**, hereby sell and assign to **BIOGEN IDEC MA Inc.**, a corporation formed under the laws of Massachusetts, whose mailing address is 14 Cambridge Center, Cambridge, Massachusetts 02142 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **NOGO Receptor Antagonists** for which application(s) for patent in the United States of America was filed on February 10, 2005 (also known as United States Application No. 11/055,163), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Raymond G. Arner, Registration No. 32,958; Timothy P. Linkkila, Registration No. 40,702; Niki D. Cox, Registration No. 42,446; Cara Z. Lowen, Registration No. 38,227; James D. Darnley, Jr., Registration No. 33,673; Leda Trivinos, Registration No. 50,635; and Constance Yeung, Registration No. 56,137 at BIOGEN IDEC INC., 14 Cambridge Center, Cambridge, Massachusetts 02142; Christopher Dayton, Registration No. 35,114; Ramsey Stewart, Registration No. 38,322; Joseph Kenny, Registration No. 43,710; and Pamela Bechtel, Registration No. 54,985 at BIOGEN IDEC INC., 5200 Research Place, Bldg.120/3, San Diego, CA 92122; and Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq.,

2159.0430003/EKS/EJH

Registration No. 39,987; Jeffrey Helvey, Registration No. 44,757; Heidi L. Kraus, Registration No. 43,730; Eldora Ellison, Registration No. 39,967; Thomas C. Fiala, Registration No. 43,610; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
 Daniel H.S. LEE

Date: _____ Signature of Inventor: _____
 R. Blake PEPINSKY

Date: 8/11/05 Signature of Inventor: _____
 Weiwei LI

Date: _____ Signature of Inventor: _____
 Jane K. RELTON

Date: _____ Signature of Inventor: _____
 Dane S. WORLEY

Date: _____ Signature of Inventor: _____
 Dinah W.Y. SAH

Date: _____ Signature of Inventor: _____
 Sylvia A. RABACCHI

Witnessed before me:

Signature: Chris Ann Crowe Signature: Sarina Libonati
 Print Name: Chris Ann Crowe Print Name: Sarina Libonati
 Address: 431 Delafield Ave SE, WA 98103 Address: 436 Kissel Ave #2, SE, NY 10301

Signature: _____ Signature: _____
 Print Name: _____ Print Name: _____
 Address: _____ Address: _____

2159.0430003/EKS/EJH

Witnessed before me:

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Address: _____

Address: _____

Signature: _____

Print Name: _____

Address: _____

393020