PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jay R. Luly	08/13/2004
Geraldine C.B. Harriman	09/01/2004
Kenneth G. Carson	08/12/2004
Shomir Ghosh	08/16/2004
Amy M. Elder	08/16/2004
Karen M. Mattia	08/17/2004

RECEIVING PARTY DATA

Name:	Millennium Pharmaceuticals, Inc.
Street Address:	40 Lansdowne Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7541365

CORRESPONDENCE DATA

Fax Number: (202)756-8087 Phone: 202-756-8000

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Correspondent Name: McDermott Will & Emery LLP

Address Line 1: 600 13th Street, NW

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ATTORNEY DOCKET NUMBER:	079259-0429

REEL: 026968 FRAME: 0152

PATENT

NAME OF SUBMITTER:	Cynthia T. Chen			
Total Attachments: 42				
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Multi-Joint

ASSIGNMENT

WHEREAS, we, Jay R. Luly, Geraldine C. B. Harriman, Kenneth G. Carson, Shomir Ghosh, Amy M. Elder and Karen M. Mattia, together with co-inventors Yoshisuke Nakasato and Etsuo Ohshima, have invented a certain improvement in Chemokine Receptor Antagonists and Methods of Use Thereof described in an application for Patent,

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[]	the specification of which is United States Application No.], filed];
[X]	the specification of which was filed on November 13, 2002 as a Patent Cooperation Treaty Application, International Application No. PCT/US02/36953, which designated the United States of America, and assigned United States Application No. 10/487,168;
[]	which was patented under United States Patent No. 1 J.

WHEREAS, Millennium Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 40 Landsdowne Street, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly 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 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, our 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 our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; 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. We hereby acknowledge that this assignment, being of our 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 any further applications including substitution, reissue, divisional or continuation 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 each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention 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	Date <u>3-13-04</u>
() Y Jay R. Luly	•
Address 24 Damien Road	
Wellesley, MA 02181	
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Address 453 WASHINGTON ST.	
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Docket No. 1855.1049-054

	Inventor	Geraldine C.B. Harriman	Date
		Geraldine C.B. Harriman	
	Address	50 South Arnolda Road	· · · · · · · · · · · · · · · · · · ·
		Charlestown, RI 02813	Militaria da Maria de La compaña de La Caraca do Casa de Casa
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Docket No. 1855.1049-054

		Kenneth G. Carson	Date
A	Address	21 Sterling Road	
	-	Needham MA 02104	
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Address	***		
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			Docket No. 1855,1049-054
		Shomir Ghosh	
	Address	134 Sewall Ave., Unit C	
		Brookline, MA 02446	
Witness			
Address			
Witness			
Address			

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		Docket No. 1855,1049-05
lnventor		
	Amy M. Elder	Date
Address	15 Westminster Ave.	
****	Arlington, MA 02474	
Witness		
Address		
Witness		

-7-

Docket No. 1855.1049-054

Inventor		Date
	Karen M. Mattia	Date
Address	56 Simmons Street	
	Marlborough, MA 01752	



Multi-Joint

ASSIGNMENT

WHEREAS, we, Jay R. Luly, Geraldine C. B. Harriman, Kenneth G. Carson, Shomir Ghosh, Amy M. Elder and Karen M. Mattia, together with co-inventors Yoshisuke Nakasato and Etsuo Ohshima, have invented a certain improvement in Chemokine Receptor Antagonists and Methods of Use Thereof described in an application for Patent,

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	Inventor	Jay R. Luiy	Date
	Address	24 Damien Road	
		Wellesley, MA 02181	
Witness			
Address	-		
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Address			

	lnventor_		& Haremon	Date	09/01/04
		Geraldine C.B.	Harriman		′ /
	Address_	50 South Amolda I	Road		**************************************
		Charlestown, RI 02	813		
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	WAK	field, MA 01880)		
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Docket No. 1855.1049-054

	Inventor	Kenneth G. Carson	Date
	Address	21 Sterling Road	
		Needham, MA 02194	
Witness			
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Docket No. 1855.1049-054

Inv	entor		Date
		Shomir Ghosh	
Ac	dress	134 Sewall Ave., Unit C	
	******	Brookline, MA 02446	
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Docket No. 1855.1049-054

	Inventor	Amy M. Elder	Date
	Address	15 Westminster Ave.	

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Docket No. 1855.1049-054

	Inventor		Date	
	Karen M. Mattia		* *************************************	
	Address	56 Simmons Street		
		Marlhorough MA 01752		
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	Inventor		Date
		Jay R. Luly	
	Address	24 Damien Road	
		Wallanter MAA 00101	
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phononical distance over quites	Inventor		Date
		Geraldine C.B. Harriman	
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		Charlestown, RI 02813	
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	Inventor Kerneth B. a	Date 8/12/04
	Kenneth G. Carson	
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	Needham, MA 02194	
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	BOSTON MA 02129	





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Docket No. 1855.1049-054

Inventor	Amy M. Elder	Date
Address	15 Westminster Ave.	
	Arlington, MA 02474	

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Docket No. 1855.1049-054

Inventor	
Karen M. Mattia	Date
Address 56 Simmons Street	
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Address	24 Damien Road	
	Wellesley, MA 02181	

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Docket No. 1855.1049-054

Inventor		Date _
	Geraldine C.B. Harriman	
Address_	50 South Arnolda Road	
	Charlestown, RI 02813	

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Docket No. 1855.1049-054

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	Address	21 Sterling Road	
		Needham, MA 02194	
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	Inventor	Shouin	Block	Date	8/16/04
		Shomi	r Ghosh		
	Address	134 Sewall Av	e., Unit C		
		Brookline, MA	02446		
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	Bos	tou MA	02116		
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Docket No. 1855.1049-054

Inventor	Amy M. Elder	Date
Address	A 15 - 14 - 02474	

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			Docket No. 1855.1049-054
	Inventor	Karen M. Mattia	
	Address	56 Simmons Street	
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Address	24 Damien Road	
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-3-

Docket No. 1855.1049-054

	Inventor	Geraldine C.B. Harriman	Date
Address			

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Docket No. 1855.1049-054

Inventor		Date
	Kenneth G. Carson	
Address	21 Sterling Road	
	Needham, MA 02194	





			Docket No. 1855.1049-054
		Shomir Ghosh	_
	Address	134 Sewall Ave., Unit C	
118			
Witness			

	Inventor	My M. Elder Date 08 16 04
	Address	15 Westminster Ave.
		Arlington, MA 02474
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, , , , , , , , , , , , , , , , , , , ,		BLIDGE, MA-02139
33//		PRAKASH RAMAN
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		NCTOR, A. T. T.

	Inventor	Karen M. Mattia	Date
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		Marlborough, MA 01732	
Witness			
Witness			
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[]	which was patented under United States Patent No. .

WHEREAS, Millennium Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 40 Landsdowne Street, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly 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 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, our 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 our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; 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. We hereby acknowledge that this assignment, being of our 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 any further applications including substitution, reissue, divisional or continuation 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 each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention 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	Jay R. Luly	Date
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Docket No. 1855.1049-054

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Docket No. 1855.1049-054

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RECORDED: 09/26/2011

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