

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Samantha J. Busfield</td><td>03/16/2000</td></tr><tr><td>David P. Gearing</td><td>03/22/2000</td></tr></tbody></table>	Name	Execution Date	Samantha J. Busfield	03/16/2000	David P. Gearing	03/22/2000	
Name	Execution Date						
Samantha J. Busfield	03/16/2000						
David P. Gearing	03/22/2000						
RECEIVING PARTY DATA							
Name:	Millennium Pharmaceuticals, Inc.						
Street Address:	40 Landsdowne Street						
City:	Cambridge						
State/Country:	MASSACHUSETTS						
Postal Code:	02139						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11904098</td></tr></tbody></table>	Property Type	Number	Application Number:	11904098			
Property Type	Number						
Application Number:	11904098						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	1855.2062-009						
NAME OF SUBMITTER:	Karen L. Maunder						
Total Attachments: 4 source=18552062009Assignment#page1.tif source=18552062009Assignment#page2.tif							

CH \$40.00 11904098

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PATENT  
REEL: 021114 FRAME: 0053



JOINT

## ASSIGNMENT

WHEREAS, WE, SAMANTHA J. BUSFIELD and DAVID P. GEARING, ASSIGNORS, both citizens of Australia, respectively, residing at 14 Stanford Street, Maddington, West Australia, 6109 Australia; 6 Julienne Court, Doncaster East Victoria 3109 Australia, respectively, are the inventors of the invention in EGF-LIKE NUCLEIC ACIDS AND POLYPEPTIDES AND USES THEREOF for which we have executed an application for a Patent of the United States

- ☒ which is identified by Pennie & Edmonds LLP docket no. 7853-198
- ☒ which was filed on November 19, 1999, Serial No. 09/443,959

and WHEREAS, MILLENNIUM PHARMACEUTICALS, INC., 75 Sidney Street, Cambridge, Massachusetts 02139, USA, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

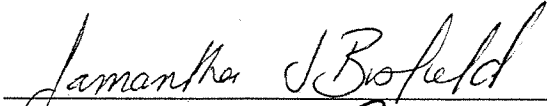
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention 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; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

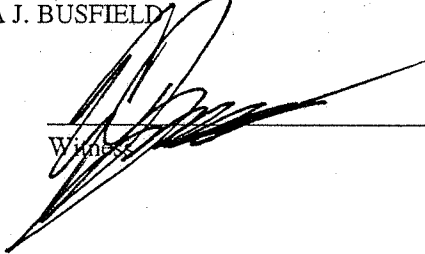
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 16 March, 2000  L.S.  
SAMANTHA J. BUSFIELD

  
Witness

  
Witness

Date \_\_\_\_\_, 2000 \_\_\_\_\_ L.S.  
DAVID P. GEARING

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

## ASSIGNMENT

WHEREAS, WE, SAMANTHA J. BUSFIELD and DAVID P. GEARING, ASSIGNORS, both citizens of Australia, respectively, residing at 14 Stanford Street, Maddington, West Australia, 6109 Australia; 6 Julianne Court, Doncaster East Victoria 3109 Australia, respectively, are the inventors of the invention in EGF-LIKE NUCLEIC ACIDS AND POLYPEPTIDES AND USES THEREOF for which we have executed an application for a Patent of the United States

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention 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; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2000

SAMANTHA J. BUSFIELD

L.S.

Witness

Witness

Date 22 March, 2000

DAVID P. GEARING

L.S.

Witness

Witness