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ER SHEET

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To the Honorable Commissioner of Patents

: attached original documents or copy thereof.

<p>1. Name of conveying party(ies)</p> <p style="text-align: center;">Dulce Soler-Ferrán</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Millennium Pharmaceuticals, Inc.</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>75 Sidney Street</u></p> <p>_____</p> <p>City: <u>Cambridge</u> State: <u>MA.</u> ZIP: <u>02139</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>10/19/01</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> <p>A. Patent Application No.(s)</p> <p><u>09/931,381</u></p> </td> <td style="width:50%; vertical-align: top;"> <p>B. Patent No.(s)</p> <p>_____</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>A. Patent Application No.(s)</p> <p><u>09/931,381</u></p>	<p>B. Patent No.(s)</p> <p>_____</p>	
<p>A. Patent Application No.(s)</p> <p><u>09/931,381</u></p>	<p>B. Patent No.(s)</p> <p>_____</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Helen E. Wendler</u></p> <p>Internal Address: _____</p> <p><u>Hamilton, Brook, Smith & Reynolds, P.C.</u></p> <p>_____</p> <p>Street Address: <u>530 Virginia Road</u></p> <p><u>P.O. Box 9133</u></p> <p>City: <u>Concord</u> State: <u>MA</u> ZIP: <u>01742-9133</u></p>	<p>6. Total number of applications and patents involved: <u>[1]</u></p> <p>7. Total Fee (37 C.F.R. 3.41)..... \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p><u>08-0380</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>			
<p>DO NOT USE THIS SPACE</p>				
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <table style="width:100%;"> <tr> <td style="width:30%; text-align: center;"> <p><u>Robert H. Underwood</u></p> <p>Name of Person Signing</p> </td> <td style="width:30%; text-align: center;"> <p>Signature</p> </td> <td style="width:40%; text-align: center;"> <p><u>December 3, 2001</u></p> <p>Date</p> </td> </tr> </table> <p style="text-align: right;">40E</p>		<p><u>Robert H. Underwood</u></p> <p>Name of Person Signing</p>	<p>Signature</p>	<p><u>December 3, 2001</u></p> <p>Date</p>
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<p>Total number of pages including cover sheet, attachments, and document: <u>[3]</u></p>				

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PATENT
REEL: 012443 FRAME: 0402

Multi-SoleASSIGNMENT

WHEREAS, I, **Dulce Soler-Ferrán**, together with co-inventors **Eugene C. Butcher**, **Eric J. Kunkel** and **Junliang Pan**, have invented a certain improvement in **Method for Identifying Agents Which Modulate Chemokine "MEC"-Induced Functions of CCR3 and/or CCR10**, described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **August 15, 2001** as Application No. **09/931,381**;

☐ was patented under U.S. Patent No. ☐ on ☐.

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 **75 Sidney Street, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my 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 my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; 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 me had this assignment and sale not been made; I 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. I hereby acknowledge that this assignment, being of my 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, I hereby further agree for myself and my 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 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, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: *[Signature]*

Dulce Soler-Ferrán

State/Commonwealth

of *Massachusetts*

County of *Worcester*

Then personally appeared before me the above-named **Dulce Soler-Ferrán** and acknowledged that she executed the foregoing instrument as her free act and deed this *19th* day of *October*, 2001.

(SEAL)

[Signature] Notary Public

Simonne Coriveau (print name)

My Commission expires *9/1/2006*

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