

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Jennifer A. DOUDNA</td><td>09/24/2003</td></tr><tr><td>Louise J. LUCAST</td><td>09/26/2003</td></tr><tr><td>Robert T. BATEY</td><td>09/09/2003</td></tr></tbody></table>		Name	Execution Date	Jennifer A. DOUDNA	09/24/2003	Louise J. LUCAST	09/26/2003	Robert T. BATEY	09/09/2003
Name	Execution Date								
Jennifer A. DOUDNA	09/24/2003								
Louise J. LUCAST	09/26/2003								
Robert T. BATEY	09/09/2003								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	YALE UNIVERSITY								
<b>Street Address:</b>	Two Whitney Avenue								
<b>City:</b>	New Haven								
<b>State/Country:</b>	CONNECTICUT								
<b>Postal Code:</b>	06511								
<b>PROPERTY NUMBERS Total: 1</b>									
<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><b>Application Number:</b></td><td>12184315</td></tr></tbody></table>		Property Type	Number	<b>Application Number:</b>	12184315				
Property Type	Number								
<b>Application Number:</b>	12184315								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(202)842-7899								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	202-842-7800								
<b>Email:</b>	vmelton@cooley.com								
<b>Correspondent Name:</b>	COOLEY LLP								
<b>Address Line 1:</b>	777 6th Street, NW, Suite 1100								
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20001								
<b>ATTORNEY DOCKET NUMBER:</b>	YALE-040/02US								
<b>NAME OF SUBMITTER:</b>	Adam Lunceford								
<b>Total Attachments: 3</b> source=YaleAssign#page1.tif source=YaleAssign#page2.tif source=YaleAssign#page3.tif									

CH \$40.00 12184315

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**MUTANT PROTEINASE WITH REDUCED SELF-CLEAVAGE ACTIVITY AND METHOD OF PURIFICATION**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on \_\_\_\_; or filed an application of United States Letters Patent, Application No. 10/343,766; and

WHEREAS YALE UNIVERSITY, a corporation of Connecticut, whose post office address is Two Whitney Avenue, New Haven, CT 06511 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

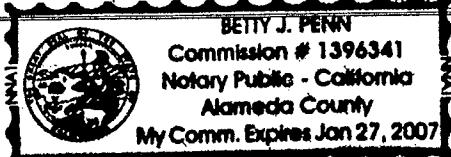
NOW THEREFORE, be it known that, for and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of <u>Alameda</u>	<u>Jennifer A. DOUDNA</u> Full Name of Sole or First Assignor
State of: <u>California</u> SS.	<u>164 Vicente Road., Berkeley, CA 94705</u> Address
Subscribed and sworn to before me	<u>Jennifer A. Doudna</u> First Assignor's Signature
This <u>24</u> day of <u>September</u> , 2003	<u>9-24-03</u> Date
<u>Betty J. Penn</u> Notary Public	Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



Morgan, Lewis & Bockius LLP

County of <u>New Haven</u>	<u>Louise J. LUCAST</u> Full Name of Second Assignor
State of: <u>Connecticut</u> SS.	<u>1817 Little Meadow Road, Guilford, CT 06437</u> Address
Subscribed and sworn to before me	<u><i>Louise J. Lucast</i></u> First Assignor's Signature
This <u>26</u> day of <u>September</u> , 2003	<u>9-26-03</u> Date
<u><i>[Signature]</i></u> Notary Public	

County of _____	<u>Robert T. BATEY</u> Full Name of Third Assignor
State of: _____ SS.	<u>4939 Noble Park Place, Boulder Colorado 80301</u> Address
Subscribed and sworn to before me	_____ First Assignor's Signature
This _____ day of _____, 2003	_____ Date
_____ Notary Public	

County of _____	<u>Louise J. LUCAST</u> Full Name of Second Assignor
State of: _____ SS.	<u>1817 Little Meadow Road, Guilford, CT 06437</u> Address
Subscribed and sworn to before me	_____
This _____ day of _____, 2003	First Assignor's Signature
_____ Notary Public	_____ Date

County of <u>Boulder</u>	<u>Robert T. BATEY</u> Full Name of Third Assignor
State of: <u>Colorado</u> SS.	<u>4939 Noble Park Place, Boulder Colorado 80301</u> Address
Subscribed and sworn to before me	_____
This <u>9th</u> day of <u>sep</u> , 2003	First Assignor's Signature
<u>Barbara K. Hoze</u> Notary Public	<u>9/9/03</u> Date