

## 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>Brian S. Miller</td><td>08/03/2000</td></tr><tr><td>Jayarama K. Shetty</td><td>08/07/2000</td></tr></tbody></table>	Name	Execution Date	Brian S. Miller	08/03/2000	Jayarama K. Shetty	08/07/2000	
Name	Execution Date						
Brian S. Miller	08/03/2000						
Jayarama K. Shetty	08/07/2000						
RECEIVING PARTY DATA							
Name:	Genencor International, Inc.						
Street Address:	925 Page Mill Road						
City:	Palo Alto						
State/Country:	CALIFORNIA						
Postal Code:	94304						
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>10245803</td></tr></tbody></table>	Property Type	Number	Application Number:	10245803			
Property Type	Number						
Application Number:	10245803						
CORRESPONDENCE DATA							
Fax Number:	(650)845-6504						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	650-846-4072						
Email:	careyna.fujimoto@danisco.com						
Correspondent Name:	Jill A. Jacobson						
Address Line 1:	925 Page Mill Road						
Address Line 4:	Palo Alto, CALIFORNIA 94304						
ATTORNEY DOCKET NUMBER:	GC396-2D1						
NAME OF SUBMITTER:	Jill A. Jacobson						
Total Attachments: 2 source=396-2_executed_assignment#page1.tif source=396-2_executed_assignment#page2.tif							

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PATENT  
REEL: 021072 FRAME: 0118

### **Assignment**

WHEREAS, **Brian S. Miller**, residing at 1446 Floribunda Avenue, Burlingame, CA, and **Jayarama K. Shetty**, residing at 4806 Braxton Place, Pleasanton, CA 94566 have invented a new and useful invention in **MODIFIED FORMS OF PULLULANASE** and an application for United States Letters Patent was filed on March 3, 1999, Serial No. 09/262,126; and

WHEREAS, **Genencor International, Inc.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business at 925 Page Mill Road, Palo Alto, CA 94304, is desirous of acquiring an interest in and to said invention, and in the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern:

That for good and valuable consideration the receipt of which is hereby acknowledged, the said Inventors have and do hereby sell, assign, transfer and set over unto the said Genencor International, Inc., its successors and assigns, the full and exclusive right, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries, and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said Genencor International, Inc. in accordance with this Assignment.

Said Inventors hereby covenant and agree to cooperate with Genencor International, Inc. to enable said Genencor International, Inc. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance, all to the extent deemed necessary or desirable by said Genencor International, Inc. for (a) perfecting the right, title and interest herein conveyed, (b) prosecuting any of said applications, (c) filing and prosecuting applications for reissuance of any said patents, (d) interference or other priority proceedings involving said invention, and (e) legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions, provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Genencor International, Inc.

The terms and covenants of this Assignment shall inure to the benefit of said Genencor International, Inc., its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF I undersign as follows:

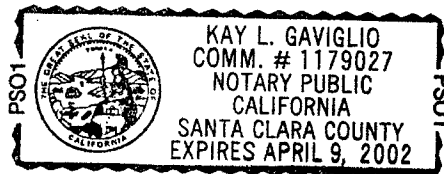
Brian S. Miller  
Brian S. Miller

STATE OF CALIFORNIA                   )  
COUNTY OF SANTA CLARA         )

On August 3 2000, before me, Kay L. Gaviglio, Notary Public, personally appeared Brian S. Miller, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that his signature on the instrument the person or entity upon behalf of which the person acted, executed the instrument

Witness my hand and official seal.

Kay L. Gaviglio



Jayarama K. Shetty  
Jayarama K. Shetty

STATE OF CALIFORNIA                   )  
COUNTY OF SANTA CLARA         )

On August 7, 2000, before me, Kay L. Gaviglio, Notary Public, personally appeared Jayarama K. Shetty, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that his signature on the instrument the person or entity upon behalf of which the person acted, executed the instrument

Witness my hand and official seal.

Kay L. Gaviglio

