

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ali R. AKIN</td> <td>05/29/2002</td> </tr> <tr> <td>Elizabeth A. BODIE</td> <td>05/30/2002</td> </tr> <tr> <td>Shirley BURROW</td> <td>05/31/2002</td> </tr> <tr> <td>Nigel DUNN-COLEMAN</td> <td>05/30/2002</td> </tr> <tr> <td>Geoffrey TURNER</td> <td>05/31/2002</td> </tr> <tr> <td>Michael WARD</td> <td>06/20/2002</td> </tr> </tbody> </table>		Name	Execution Date	Ali R. AKIN	05/29/2002	Elizabeth A. BODIE	05/30/2002	Shirley BURROW	05/31/2002	Nigel DUNN-COLEMAN	05/30/2002	Geoffrey TURNER	05/31/2002	Michael WARD	06/20/2002
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Geoffrey TURNER	05/31/2002														
Michael WARD	06/20/2002														
<b>RECEIVING PARTY DATA</b>															
Name:	Genencor International, Inc.														
Street Address:	925 Page Mill Road														
Internal Address:	Attn: Legal Department														
City:	Palo Alto														
State/Country:	CALIFORNIA														
Postal Code:	94304-1013														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12184211</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12184211										
Property Type	Number														
Application Number:	12184211														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(650)845-6504														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(650)846-5828														
Email:	sandy.fong-hou@danisco.com														
Correspondent Name:	Steven G. Bacsí														
Address Line 1:	925 Page Mill Road														
Address Line 4:	Palo Alto, CALIFORNIA 94304-1013														
ATTORNEY DOCKET NUMBER:	GC682-2-C2														

CH \$40.00 12184211

**500853407**

**PATENT  
 REEL: 022647 FRAME: 0560**

NAME OF SUBMITTER:

Steven G. Bacsi

**Total Attachments: 14**

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### Assignment

WHEREAS, **Ali R. Akin**, residing at **1930 Channing Way, Berkeley, California 94704**; **Elizabeth A. Bodle**, residing at **123 Beverly Drive, San Carlos, California 94070**, **Shirley Burrow**, residing at **8 Birch Avenue, Penwortham, Lancastershire, England PR1 0PB**, **Nigel Dunn-Coleman**, residing at **142 Johnson Avenue, Los Gatos, California 95032**, **Geoffrey Turner**, residing at **9 Stone Delf, Fulwood, South Yorkshire, England S10 3QX**, and **Michael Ward**, residing at **4372 24<sup>th</sup> Street, San Francisco, California 94114** has/have invented a new and useful invention entitled **Regulatable Growth of Filamentous Fungi** and an application for United States Letters Patent was filed on **March 14, 2002**, United States Serial No. **10/100,252**; 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, California 94304-1013**, 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.

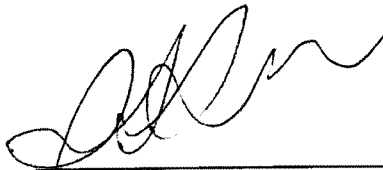
Said Inventor/Inventors hereby covenant/covenants and agree/agrees to cooperate with **Genencor International, Inc.** to enable said **Genencor International, Inc.** to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation 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/his/her respective heirs, legal representatives and assigns.

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

IN WITNESS WHEREOF I undersign as follows:

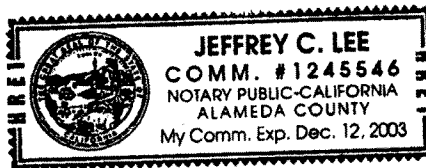
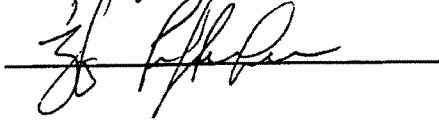


Ali R. Akin

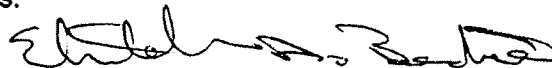
STATE OF CALIFORNIA )  
COUNTY OF ALAMEDA )

On 05/29, 2002, before me, Jeffrey C. Lee, Notary Public, personally appeared, Ali R. Akin personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



IN WITNESS WHEREOF I undersign as follows:

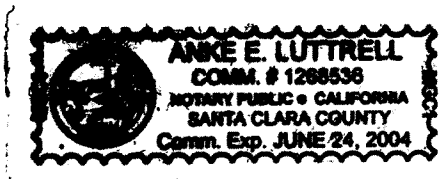
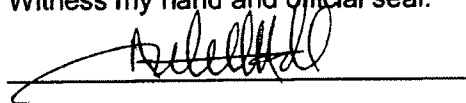


Elizabeth A. Bodie

STATE OF CALIFORNIA       )  
COUNTY OF SANTA CLARA    )

On 30 May, 2002, before me, Anke Luttrell<sup>ELL</sup>, Notary Public, personally appeared, Elizabeth A. Bodie personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2002.

By: \_\_\_\_\_  
Shirley Burrow

WITNESSED BY:

Signature: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_



IN WITNESS WHEREOF I undersign as follows:

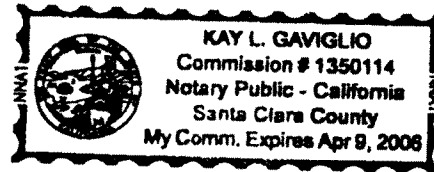
Nigel Dunn-Coleman  
Nigel Dunn-Coleman

STATE OF CALIFORNIA       )  
COUNTY OF SANTA CLARA   )

On May 30, 2002, before me, Kay L. Gaviglio Notary Public, personally appeared, Nigel Dunn-Coleman personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal,

Kay L. Gaviglio



IN WITNESS WHEREOF I undersign as follows:

Signed at \_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_, 2002.

By: \_\_\_\_\_  
Geoffrey Turner

WITNESSED BY:

Signature: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_



IN WITNESS WHEREOF I undersign as follows:

*M. Ward*  
Michael Ward

STATE OF CALIFORNIA            )  
COUNTY OF SANTA CLARA    )

On 20 June, 2002, before me, Anke E. Luttrell, Notary Public, personally appeared, \_\_\_\_\_ personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.

*Anke E. Luttrell*



**Assignment**

WHEREAS, Ali R. Akin, residing at 1930 Channing Way, Berkeley, California 94704;  
Elizabeth A. Bodie, residing at 123 Beverly Drive, San Carlos, California 94070, Shirley  
Burrow, residing at 8 Birch Avenue, Penwortham, ~~Lancaster~~ <sup>PRESTON, LANCASHIRE</sup>, England PR1 0PB, <sup>5/30/02</sup>  
Nigel Dunn-Coleman, residing at 142 Johnson Avenue, Los Gatos, California 95032,  
Geoffrey Turner, residing at 9 Stone Delf, Fulwood, South Yorkshire, England S10 3QX,  
and Michael Ward, residing at 4372 24<sup>th</sup> Street, San Francisco, California 94114 has/have  
invented a new and useful invention entitled **Regulatable Growth of Filamentous Fungi** and  
an application for United States Letters Patent was filed on March 14, 2002, United States  
Serial No. 10/100,252; 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, California 94304-1013, 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 Inventor/Inventors hereby covenant/covenants and agree/agrees 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

USSN 10/100,252  
Attorney Docket No. GC682-2

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/his/her respective heirs, legal representatives and assigns.

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

IN WITNESS WHEREOF I undersign as follows:

\_\_\_\_\_  
Ali R. Akin

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, 2002, before me, \_\_\_\_\_, Notary Public, personally appeared, \_\_\_\_\_ personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.

\_\_\_\_\_

USSN 10/100,252  
Attorney Docket No. GC682-2

IN WITNESS WHEREOF I undersign as follows:

\_\_\_\_\_  
Elizabeth A. Bodie

STATE OF CALIFORNIA            )  
COUNTY OF SANTA CLARA        )

On \_\_\_\_\_, 2002, before me, \_\_\_\_\_, Notary Public, personally appeared, \_\_\_\_\_ personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.

\_\_\_\_\_

USSN 10/100,252  
Attorney Docket No. GC682-2

IN WITNESS WHEREOF I undersign as follows:

Signed at Shffield this 31<sup>ST</sup> day of MAY, 2002.

By: Shirley Burrow  
Shirley Burrow

WITNESSED BY:

Signature: David Keszenman

Printed Name of Witness: DAVID KESZENMAN-PEROYRA

USSN 10/100,252  
Attorney Docket No. GC682-2

IN WITNESS WHEREOF I undersign as follows:

\_\_\_\_\_  
Nigel Dunn-Coleman

STATE OF CALIFORNIA            )  
COUNTY OF SANTA CLARA        )

On \_\_\_\_\_, 2002, before me, \_\_\_\_\_, Notary Public, personally appeared, \_\_\_\_\_ personally known to me or proven to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity for the purposes set forth therein.

Witness my hand and official seal.

\_\_\_\_\_

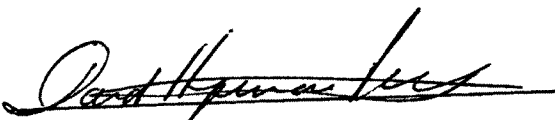
USSN 10/100,252  
Attorney Docket No. GC682-2

IN WITNESS WHEREOF I undersign as follows:

Signed at Sheffield this 31<sup>st</sup> day of May, 2002.

By: G. Turner  
Geoffrey Turner

WITNESSED BY:

Signature:   
Printed Name of Witness: DAVID KESZENMAN-PERCYRA

USSN 10/100,252  
Attorney Docket No. GC682-2

IN WITNESS WHEREOF I undersign as follows:

\_\_\_\_\_  
Michael Ward

STATE OF CALIFORNIA        )  
COUNTY OF SANTA CLARA    )

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Witness my hand and official seal.

\_\_\_\_\_