08	-15-2000
	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office <b>FS ONLY</b>
To the Honorable Commissioner of Patents and Trademarks: Ple	ease record the attached original documents or copy thereof.
1. Name of conveying party(ies):	3. Name and address of receiving party(ies):
Nathaniel T. BECKER; Robert I. CHRISTENSEN; Alfred L. GAERTNER; Mahmood M. GHANI; and Douglas A. DALE 2. Nature of conveyance:	Genencor International, Inc. 925 Page Mill Road Palo Alto, California 94304 United States of America
🖾 Assignment 🔲 Merger	
Security Agreement     Change of Name	
[] Other	
Execution Date: 10, 11 and 31 May 2000; and 5 July 2000	Additional name(s) & address(es) attached?  Yes Xo
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the</li> </ol>	e execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/581,717, filed 16 June 2000	
Additional numbers attac	hed? 🗌 Yes 🛛 No
5. Name and address of party to whom correspondence concerning document should be sent:	6. Total number of applications and patents involved:
Name: Jeffery D. FRAZIER Address: GENENCOR INTERNATIONAL, INC.	7. Total fee (34 CFR 3.41) \$ 40.00
925 Page Mill Road Palo Alto, California 94304-1013	
	Authorized to be charged to deposit account, as well as any additional charges relating to this case.
	8. Deposit Account number: 07-1048
14/2000 DEDATES 00000106 071048 09581717	SE THIS SPACE
FC:581 40.00 CH	
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information document.	is true and correct and any attached copy a true copy of the original
Jeffery D. FRAZIER	5 July 2000
Name of Person Signing Signature	Date
	Total number of pages comprising cover sheet:

PATENT REEL: 010988 FRAME: 0660

## Assignment

## WHEREAS,

Nathaniel T. BECKER, US citizen, of 2116 Hillside Drive, Burlingame, California, USA; Robert I. CHRISTENSEN, JR., US citizen, of 2156 Blue Jay Circle, Pinole, California, USA; Alfred L. GAERTNER, German citizen, of 432 Maple Avenue, San Bruno, California, USA; Mahmood M. GHANI, US citizen, of 870 Alcosta Drive, Milpitas, California, USA; and Douglas A. DALE, US citizen of 1135 Encanto Way, Pacifica, California, USA,

invented a new and useful invention entitled Granule with Hydrated Barrier Material for which an application for United States Letters Patent was filed, national phase of PCT/US98/27214, 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 925 Page Mill Road, Palo Alto, California 94304, USA, 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:

7. Nen

Nathaniel T. BECKER

STATE OF CALIFORNIA COUNTY OF SANTA CLARA

GC515-2-US

On the <u>5</u> day of <u>2000</u>, before me, Notary Public, personally appeared Nathaniel T.BECKER, personally known to me to be the person whose name is abbscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.



Notary

PATENT REEL: 010988 FRAME: 0661

STATE OF CALIFORNIA COUNTY OF SANTA CLARA

On the <u>5</u> day of <u>1</u> 2000, before me, Notary Public, personally appeared Robert I. Christensen, Jr., personally known to me to be the person whose perme is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.

Witness my hand and official seal. KAY L. GAVIGLIO COMM. # 1179027 NOTARY PUBLIC CALIFORNIA SANTA CLARA COUNTY EXPIRES APRIL 9, 2002 STATE OF CALIFORNIA COUNTY OF SANTA CLARA

On the <u>10</u> day of <u>100</u> 2000, before me, Notary Public, personally appeared Alfred L. Gaertner, personally known to me to be the person whose name is substribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.



On the 11 day of 2000, before me, Notary Public, personally appeared Mahmood M. Ghani, personally known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.



negles Douglas

STATE OF CALIFORNIA COUNTY OF SANTA CLARA

On the 3/4 day of 22/24 2000, before me, Notary Public, personally appeared Douglas A. Dale, personally known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



GC515-2-US

## **RECORDED: 07/10/2000**

## PATENT REEL: 010988 FRAME: 0662