

FORM PTO-1595 (Rev. p-93)	RECORE	101487839	U.S. Department of Com					
OMB No 0651-0011 (exp. 4/94)	PATENT	SONLY	Patent and Trademark Off					
To the Honorable Commi	ssioner of Patents and Trademarks:	· ·	l document or copy thereof.					
1. Name of conveying party(ies): Monsanto Company Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name		2. Name and address of receiving party(ies): Name: University of Massachusetts Street Address: Goodell Building City: Amherst State: MA Zip: 01003 Additional name(s) & address(es) attached? Yes No.						
				Execution Date: 07/26/00	07/26/00			
				Application number(s) or registration number(s If this document is being filed together with a number serious			8-5400	
A. Parent Application No.(s):		B. Patent No.(s):						
09/479,040								
	Additional numbers attac	ched? Yes No						
Name and address of party to whom correspond document should be mailed:	dence concerning	6. Total number of applicat	ions and patents involved1					
Name: Patricia Kammerer Howrey Simon Arnold & 750 Bering Drive City: Houston State: Texas		Enclosed Authorized to be che if check insufficient or inadva- 8. Deposit account number	narged to deposit account vertently omitted 101-2508/11899.0212.NPUS of this page if paying by deposit account accoun					
	DO NOT USE THI		Fig. Fig Fig					
9. Statement and signature. To the best of my knowledge and belief, the fore Patricia Kammerer	<u> </u>	Sah Kam	nerer 2/All					
Name of Person Signing, Reg. No.	29.175		D cover sheet attachments and docume					
Patricia Kammerer Name of Person Signing, Reg. No.	<u> </u>	Signature Total number of pages including puired cover sheet informats and Trademarks ment C. 20231 MAILING	cover sheet, attachment					
I hereby certify that this correspondence is be addressed to: Commissioner of Patents and T below: F-2/-00	eing deposited with the U.S. Pos rademarks, Office of Public Reco	tal Service with sufficient posta ds, Crystal Gateway 4, Room 3:	ige as First Class Mail in an en 35, Washington, DC 20231, on th					
Date	uggs	Signature						

PATENT REEL: 011145 FRAME: 0789

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to the University of Massachusetts (the "Assignee"), having a place of business at Goodell Building, Amherst, MA 01003, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 09/479,040 which has been filed on January 7, 2000 and is entitled "Polyhydroxyalkanoate Biosynthesis Associated Proteins and Coding Region in Bacillus Megaterium", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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PATENT REEL: 011145 FRAME: 0790

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

MONSANTO COMPANY Signature: Name: Jon H. Beusen jon H. Beusen Intellectual Property Counsel Authorized to sign this document for Pharmacia Corporation (formerly Monsanto Company) by resolution dated February 25, 2000 of the Board of Unactors

Date: July 26 2000

STATE OF MISSOURI) ss. COUNTY OF ST. LOUIS

BEFORE ME, the undersigned authority, on this 24th day of personally appeared Jon H. Beusen, authorized to sign this document for Monsanto Company by resolution dated October 22, 1999 of the Board of Directors, and known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Macy K Enh Notary or Consular Officer

MARYKER K**ary Publi**c - Notary S STATE OF MISSOUR ST LOUIS COUNTY

HOWERY SIMON ARNOLD & WHITE

750 Bering Drive Houston, Texas 77057-2198

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PATENT RECORDED: 08/24/2000 REEL: 011145 FRAME: 0791