31/03 A/A SN - 400 BT07 Rec0 PC1/PT0 U / MAH Audit PROMETERS No 9 - 16 - 2003 UIS Department of Communication Department of Communication Pattert and Trademark Office Coll in constrained To the Bowenhild Comminison 1025551287 Pattert and Trademark Office Victor M. Guzzov, Thomas Malvar, James K. Roberts, Sakational name(o) conveying party(ics) Name: Monsanto Technology LLC Additional name(c) or converging party(ics) attached? Yes No 3. Name: of conveying party(ics) attached? Yes No 4. Application No. 00232.099 Field Sept. 12, 2000; PCT Application No. 0	,	▲ ₽/380077
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To the Howardski Commission Image Procession 1. Name of conveying party(les): 102551287 ing party(les): Victor M. Guzzov, Thomas Malvar, James K. Roberts, Sakuntala Sivasupramaniam Additional name(s): Name: Monsanto Technology LLC Additional name(s) of conveying party(les): No Street Address: 800 N. Lindbergh Blvd. 3. Nature of conveying party(les): Merger Street Address: 800 N. Lindbergh Blvd. 3. Nature of conveying conveying conveying conveying party(les): Merger Street Address: 800 N. Lindbergh Blvd. 3. Nature of conveying party(les): Merger Street Address: 800 N. Lindbergh Blvd. 3. Nature of conveying con	FORM PTO-1595 R' (Rev. 6-93)	6-2003
To be Homerbe Commission arcopy demoti 1. Name of conveying party(is): 102551287 ing party(is): 1. 102551287 ing party(is): ing party(is): Victor M. Guzov, Thomas Malvar, James K. Roberts, Sakuntala Sivasupramaniam Additional name(s) of conveying party(ise): Name: Monsant Oechnology LLC Additional name(s) of conveying: merger Street Address: 800 N. Lindbergh Blvd. 3. Name of conveying: Change of Name Additional name(s) & address (s) attached? Yes No 4. Application number(s): If this document is being filed together with a new application, the execution date of the application is: March 7, 2003 B. Patent No.(s): No 5. Name and address of party to whone correspondence concerning document should be malid: 6. Total number of applications and patents involved: 3 7. Total fee (37 C F.R. 341) S 120.00 PC TApplication No. (6222,090 Filed Sept 12, 2001 6. Total number of applications and patents involved: 3 7. Total fee (37 C F.R. 341) S 120.00 PC TApplication No. More Cruusopage and the street of the application is involved: 3 7. Total fee (37 C F.R. 341) 7. Total fee (37 C F.R. 341) S 120.00 Paters No. (32 C D D T) Additional number of application is make count the count of application	OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office
Year M. Guzov, Thorinas Malvar, James K. Roberts, Sakuntala Sivasupramaniam Name: Monsanto Technology LLC Additional name(s) of conveying party(ise) attached? Yes No 3. Name: Monsanto Technology LLC Internal Address: Sacet Address: 800 N. Lindbergh Blvd. 3. Name: Monsanto Technology LLC Internal Address: Severt Address: 800 N. Lindbergh Blvd. 3. Name: Monsanto Technology LLC Internal Address: Severt Address: 800 N. Lindbergh Blvd. 3. Name: Monsanto Technology LLC Internal Address: Severt Address: 800 N. Lindbergh Blvd. 3. Name: Monsanto Technology LLC Internal Address: Severt Address: 800 N. Lindbergh Blvd. 4. Application Nonetry 23, 27, 27, 22, 2003, respectively Additional name(s) & address(es) attached? 4. Application No. 60:232.099 Field Sept. 12, 2001 D 3& O D 77 Additional number of suplications and patents involved: 3 B. Patent No.(s): 9. Statement and address of party to whom correspondence concerning document should be malled: S. Total number of applications and patents involved: 3 7. Total fee (37 C.F.R. 3.41) S. 120.00 7. Total fee (37 C.F.R. 3.41) S. 120.00 <td>To the Honorable Commission</td> <td>or copy thereof.</td>	To the Honorable Commission	or copy thereof.
Sakuntala Sivasupramaniam Additional name(s) of conveying party(ise) attached? □ Yes ☑ No Internal Address: Street Address: 800 N. Lindbergh Blvd. 3. Matter of conveyance: □ Arsignment □ Arsignment □ Change of Name ○ Other ○ Change of Name ○ Change of Name ○ Other ○ Change of Name ○ Change of Name ○ Other ○ Change of Name ○ Change of Name • Additional number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: March 7, 2003 A. Patent Application No. 6(2): B. Patent No.(s): U.S. Provisional Application No. 6(2): B. Patent No.(s): B. Patent No.(s): B. Patent No.(s): U.S. Provisional Application No. 60232.099 Filed Sept. 12, 2001 ○ 3 & O O 7 7 ○ 3 & O O 7 7 Additional number attached? Yes ☑ No S. Name and address of party to whom correspondence concerning document should be mailed: So Total number of applications and patents involved: 3 Patent No.(s): If the kin and file (37 C FR. 3.41) So 120.00 □ Total fee (37 C FR. 3.41) So 120.00 □ Authorized to be charged to deposit account if thesk insufficient or inadvertently omited S. Name and address of party to whom correspondence conce	1. Name of conveying party(ies): 1025	551287 , ing party(ies):
Additional name(s) of conveying party(ics) attached? ☐ Yes ☑ No Internal Address: Street Addr	Victor M. Guzov, Thomas Malvar, James K. Roberts,	Name: Monsanto Technology LLC
3. Nature of conveyance:		Internal Address:
Assignment ☐ Charge of Name ☐ Security Agreement ☐ Charge of Name ☐ Other City: St. Louis, State: Missouri Zip: 63167 Additional name(s) & address(es) attached? ☐ Yes ☑ No 4. Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: March 7, 2003 A. Patent Application No. 60/232,099 Filed Sept. 12, 2000: PCT Application No. 60/232,099 Filed Sept. 12, 2001 Ø 3 @ Ø Ø 7 77 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Patricia A. Kammerer Howrey Simon Arnold & White, LLP 750 Bering Drive ettry: Houston State: Texas Zip: 77057-2198 O NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and my affehed der is a true copy of the original document. Patricia A. Kammerer 0307/03 Name of Person Signing, Reg. No. 29,775 Signature 04 04007/07 Additional number of page including cover sheet, attachments and document. Patrin ad sign		Street Address: 800 N. Lindbergh Blvd.
Additional name(s) & address(es) attached? Yes No A Patent Application No.(s): B. Patent No.(s): B. Patent No.(s): VS. Provisional Application No. 60/232.099 Filed Sept. 12, 2001 Provisional Application No. 60/232.099 Filed Sept. 12, 2001 Additional numbers attached? Yes No S. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 3 Name: Patricia A. Kammerer Houston Statement and signature. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and career and on address of pay including cover sheet, attachmens and document. Patricia A. Kammerer Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Si		City: St. Louis, state: Missouri Zip: 63167
Conter Execution Date: January 23, 27, 27, 22, 2003, respectively Execution Date: January 23, 27, 27, 22, 2003, respectively Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: March 7, 2003 A Patent Application No.(s): U.S. Provisional Application No. 60/232.099 Filed Sept. 12, 2000; PCT Application No. 60/232.099 Filed Sept. 12, 2001		Additional name(c) & address(as) attached? Ves No.
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Howrey Simon Arnold & White, LLP 750 Bering Drive etty: Houston State: Texas zip: 77057-2198 Box Asset Authorized to be charged to deposit account if check insufficient or inadvertently omitted 8. Deposit account number: 01-2508/11899.0227. PCUS00 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and my attached day is a true copy of the original document. Patricia A. Kammerer Wather of Person Signing, Reg. No. 29,775 Signature Date Total number of page including cover sheet, attachments and documents. Box Assignment Washington, D.C. 20231 CERTIFICATE OF EXPRESS MAILING I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231.		6. Total number of applications and patents involved: <u>3</u>
750 Bering Drive Authorized to be charged to deposit account envy: Houston State: Texas Zip: 77057-2198 I check insufficient or inadvertently omitted 8. Deposit account number: 01-2508/11899.0227. PCUS00 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and my atthched tory is a true copy of the original document. Patricia A. Kammerer 03/07/03 Name of Person Signing, Reg. No. 29,775 Signature Total number of page including cover sheet, attachments and documents. Box Assignment Washington, D.C. 20231 CERTIFICATE OF EXPRESS MAILING NUMBER: EL 830942781 US I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231: March 7, 2003 March 7, 2003	Name: Patricia A. Kammerer	7. Total fee (37 C.F.R. 3.41)\$ 120.00
Eity: Houston State: Texas Zip: 77057-2198 if check insufficient or inadvertently omitted 8. Deposit account number: 01-2508/11899.0227. PCUS00 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and my attached day is a true copy of the original document. Patricia A. Kammerer 03/07/03 Name of Person Signing, Reg. No. 29,775 Signature 03/07/03 Date Total number of pages including cover sheet, attachments and documents: 4 Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignment Washington, D.C. 20231 CERTIFICATE OF EXPRESS MAILING NUMBER: EL 830942781 US I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231:		Enclosed
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March 7, 2003	ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above	d States Postal Service "EXPRESS MAIL POST OFFICE TO and is addressed to: Commissioner for Patents, Washington,
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PATENT REEL: 014477 FRAME: 0378

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 Monsanto Technology LLC (the "Assignee"), having a place of business at 800 N. Lindbergh Boulevard, St. Louis, Missouri 63167, 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 PROVISIONAL application for United States Letters Patent, Serial No. 60/232,099, which has been filed on September 12, 2000, and is entitled "INSECT INHIBITORY BACILLUS THURINGIENSIS PROTEINS, FUSIONS AND METHODS OF USE THEREFOR," and also PCT application PCT/US01/28746, which has been filed on September 12, 2001, and is entitled "INSECT INHIBITORY BACILLUS THURINGIENSIS PROTEINS, FUSIONS AND METHODS OF USE THEREFOR," such applications 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;

Assignment 11899.0227.PCUS00

PATENT REEL: 014477 FRAME: 0379

1

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

Signature: Nictor M. Couzor

Date: 01-23-2003

STATE OF Missouri) ss. COUNTY OF \subseteq

BEFORE ME, the undersigned authority, on this 23 rd day of January, 2003, personally appeared, Victor M. Guzov, 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.

JUDITHA. LORENZ Notary or Consular Officer

[SEAL]

Notary Public - State of Missouri St. Louis County My Commission Expires: November 20, 2003

Signature: ¹

Name: Thomas M. Malvar

STATE OF Missouri) SS. COUNTY OF State

BEFORE ME, the undersigned authority, on this 27th day of January, 2003, personally appeared Thomas M. Malvar, 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.

Date: $0/ - 27 \cdot 2073$

Notary or Consular Officer

[SEAL]

JUDITH & LORENZ Notary Public - State of Missouri St. Louis County My Commission Expires: November 20, 2003

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Assignment 11899.0227.PCUS00

PATENT REEL: 014477 FRAME: 0380

Signature:	Jaim KRAPerts	
Name: J	ames K. Roberts	

Date: 1/27/02

STATE OF Missouri

) ss. COUNTY OF St.

BEFORE ME, the undersigned authority, on this 27 th day of January, 2002, personally appeared James K. Roberts, 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.

)

Jorary or Consular Officitha LOREN

Notary Public - State of Missouri St. Louis County My Commission Expires: November 20, 2003

[SEAL]

Signature: <u>Salcuntala Sivasupramanian</u> Name: Sakuntala Sivasupramaniam

Date: 01/22/2003.

STATE OF Missouri) ss. COUNTY OF St. Louis

BEFORE ME, the undersigned authority, on this 22^d day of January, 2003, personally appeared Sakuntala Sivasupramaniam, 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.

udwig Notary or Consular

[SEAL]

	MiCHELLE LUDWIG St. Louis County My Commission Expires July 13, 2005
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Assignment 11899.0227.PCUS00

PATENT REEL: 014477 FRAME: 0381

RECORDED: 03/07/2003

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