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To the Honorable Commissioner of Pt 10176	shed original documents or copy thereof
1. Submission Type: 6-227)	12. Conveyance Type:
■ New	Assignment Security Agreement Change of Name
☐ Resubmission (Non-Recordation)	☐ License ☐ Change of Name
Document ID#	☐ Merger ☐ Other
☐ Correction of PTO Error	
Reel # Frame #	US. GOVERNMENT
☐ Corrective Document	(For Use ONLY by U.S. Government Agencies)
Reel # Frame # Data Element in Question :	☐ Departmental File ☐ Secret File
Data Element in Question .	Total No. of pages of conveyance document including
	attachments
4. Name of conveying party(ies):	5. Name and address of receiving party(ies):
¹ Chauhan, Sarita	E. I. DU PONT DE NEMOURS AND COMPANY
² DiCosimo, Robert	LEGAL PATENTS
³ Fallon, Robert D.	1007 MARKET STREET
Gavagan, John E.	WILMINGTON, DELAWARE 19898
⁵ Payne, Mark S.	1
Additional name(s) of conveying party(ies) attached?:	Additional name(s) & address(es) attached? Yes No
Execution Date: 13/21/2001 23/29/2001	1
³ 3/29/2001 ⁴ 3/29/2001	
⁵ 3/29/2001	
5. Application number(s) or patent number(s):	
A. Patent Application No.(s): 09/823,373 Docket No.: BC-1032 US NA	B. Patent No.(s):
6. Correspondent Name & Address:	attached: ☐ Yes ■ No
6. Correspondent Name & Address.	7. Total number of applications and patents involved: 1
LINDA AXAMETHY FLOYD	
E. I. DU PONT DE NEMOURS AND COMPANY	8. Total fee (37 CFR 3.41)
	8. Total fee (37 CFR 3.41)
LEGAL-PATENTS	8. Total fee (37 CFR 3.41)
LEGAL-PATENTS 1007 MARKET STREET	,
LEGAL-PATENTS	☐ Enclosed (Check No.:)
LEGAL-PATENTS 1007 MARKET STREET	☐ Enclosed (Check No.:) ■ Authorized to be charged to deposit account
LEGAL-PATENTS 1007 MARKET STREET	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:04-1928
LEGAL-PATENTS 1007 MARKET STREET	☐ Enclosed (Check No.:) ■ Authorized to be charged to deposit account
LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:04-1928
LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898	☐ Enclosed (Check No.:) ■ Authorized to be charged to deposit account 9. Deposit account number:04-1928 (Attach duplicate copy of this page if paying by deposit account)
LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898	☐ Enclosed (Check No.:) ■ Authorized to be charged to deposit account 9. Deposit account number:04-1928 (Attach duplicate copy of this page if paying by deposit account)
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LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898 DO NOT US 10. Statement and signature. To the best of my knowledge and belief, the foregoing in	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:04-1928 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898 DO NOT US 10. Statement and signature.	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:04-1928 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
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LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898 10. Statement and signature. To the best of my knowledge and belief, the foregoing in of the original document. CAROL REEDER SENIOR LEGAL CLERK	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:
LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898 DO NOT US 10. Statement and signature. To the best of my knowledge and belief, the foregoing in of the original document. CAROL REEDER	Enclosed (Check No.:) Authorized to be charged to deposit account 9. Deposit account number:

PATENT REEL: 011921 FRAME: 0164

ASSIGNMENT

We, the undersigned

SARITA CHAUHAN, ROBERT DICOSIMO, ROBERT D. FALLON, JOHN E. GAVAGAN and MARK S. PAYNE

Hereby declare that

We are the true and first inventors of an invention entitled

ISOLATION AND EXPRESSION OF A GENE FOR A NITRILASE FROM ACIDOVORAX FACILIS 72W

(which is identified as Case Number BC1032 US NA) and which is disclosed in an application for Letters Patent in the United States of America., executed the

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

- I. Sell, assign, and transfer unto E. I. du Pont de Nemours and Company, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and
- II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

We further authorize our attorney/patent agent to insert below* the application number and filing date of the aforesaid United States application now identified as Case Number BC1032 US NA after the same shall have been made known to him/her by the United States Patent Office.

been made known to min/her by the Om	ied States Patent Office.	
	(L.S.)	
SARITA CHAUHAN	•	Kolet De Cosinis (L.S.
DATE: 03-21-200/	_	ROBERT DICOŞIMO
111801		DATE: March 29, 2001
14les S. talen	_(L.S.)	1000
ROBERT D. FALLON		John ?. Arrogon (L.S.
DATE: 3/29/01		JOHN E. GAVAGAN
Mark S. Pay	_(L.S.)	DATE: March 29, 2001
MARK S. PAYNE		
DATE: $3/29/01$		
*The application referred to abo	ve as Case Number BC1	1032 US NA was filed in the United States Pate
Office on		
Marah 20 20 01		00/022 272

March 30, 2001, and was given Application No. 09/823,373

This insertion made by me this 30th day of april , 2001

LINDA AXAMETHY FLOYD

ATTORNEY/PATENT AGENT FOR APPLICANTS

Registration No.: 33,692 Telephone: 302-892-8112 Facsimile: 302-892-7949

PATENT RECORDED: 06/22/2001 REEL: 011921 FRAME: 0165