

R SHEET

To the Honorable Commissio	01799530	I the attached original documents or copy thereof
1. Submission Type:	1/0 /11	2. Conveyance Type:
■ New 0'/	120/01	■ Assignment □ Security Agreement
Resubmission (Non-Recordation)	′ ′	☐ License ☐ Change of Name
Document ID#		☐ Merger ☐ Other
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Corrective Document		(For Use ONLY by U.S. Government Agencies)
Reel # Frame # Data Element in Question :		Departmental File Secret File
		Total No. of pages of conveyance document including
4. Name of conveying party(ies):		attachments
4. Name of conveying party(les).		5. Name and address of receiving party(ies):
¹ Presnail, James K.		E. I. DU PONT DE NEMOURS AND COMPANY
² Weng, Zude		LEGAL PATENTS
³ Wong, James F.		1007 MARKET STREET
		WILMINGTON, DELAWARE 19898
Additional name(s) of conveying party(ies) attached?:	Yes No	Additional name(s) & address(es) attached? Yes No
Execution Date: \(^{1}6/6/2001\) \(^{2}5/24/20\) \(^{3}6/6/2001\)	01	
5. Application number(s) or patent number	(s):	
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s): 09/829,481 B. Patent No.(s):		
Docket No.: BB-1441 US NA		
Additional numbers attached: ☐ Yes ■ No		
6. Correspondent Name & Address:		7. Total number of applications and patents involved: 1
		-
THOMAS M. RIZZO		
E. I. DU PONT DE NEMOURS AND (COMPANY	8. Total fee (37 CFR 3.41)
LEGAL-PATENTS		☐ Enclosed (Check No.:)
1007 MARKET STREET		Authorized to be charged to deposit account
WILMINGTON, DELAWARE 19898		= 7 Intio 120 to 50 onlinged to deposit decount
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
CAROL REEDER (Y/240)		
SENIOR LEGAL CLERK Signature Date		
		Total number of pages comprising cover sheet:1
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92/2001 GTON11 00000102 041928 09829481		
C:581 40.00 CH		

PATENT

REEL: 012023 FRAME: 0449

ASSIGNMENT

We, the undersigned

JAMES K. PRESNAIL, ZUDE WENG and JAMES F. WONG

Hereby declare that

We are the true and first inventors of an invention entitled

ARTHROPOD DEFENSINS

and which is disclosed in United States Patent Application No. 09/829,481 filed on APRIL 10, 2001 (and which is identified as Case Number BB1441 USNA).

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; and (B) the sole right to (1) file such applications in its name or ours, (2) to 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.

(L.S.)

JAMES K. PRESNAIL

DATE: 1 0 16/6/2001

RECORDED: 07/20/2001

IAMES F. WONG

DATE June 6, 2

ZUDE WENG

DATE: 5/24/0

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