FORM PTO-1619A Expires 08/30/99 OMB 0851-0027 06-15-1999



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Conveying Party(ies)  Mark if additional names of conveying parties attached Execution Date Month Day Year  Name (line 1) Robert R. Granados					
Name (line 2)	nobert n. Granados			03/0//33	
Second Party				Execution Date Month Day Year	
Name (line 1)	Ping Wang			05/14/99	
Name (line 2)					
Receiving Party Mark if additional names of receiving parties attached					
Name (line 1) Boyce Thompson Institute for Plant Research, Inc.					
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FORM PTO-1619B Expires 08/30/99 OMB 0851-0027  Page 2	JUN 1 1 1999 Patent and Trademark Office				
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only if a U.S. Application Number PCT has not been assigned.	PCT PCT				
Number of Properties  Enter the total number of properties involved. # 1					
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00					
Method of Payment: Enclosed Deposit Account					
Deposit Account  (Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: #02-0910					
Authorization to charge	additional fees: Yes No No				
Statement and Signature					
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. Charges to deposit account are authorized, as indicated herein.					
Christopher R. Pastel  Name of Person Signing  Signature	Data				
Hame of refacts Signature	Date				

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## ASSIGNMENT AND AGREEMENT

For value received, I, Robert R. Granados, of 5 Eagle's Head Road, Ithaca in the State of New York and Ping Wang, of 600 Graduate Drive, #2, Ithaca in the State of New York, hereby sell, assign and transfer to Boyce Thompson Institute for Plant Research, Inc., having an office at Tower Road, Ithaca, New York, 14850, and its successors, assigns and legal representatives (hereinafter referred to as the "Assignee"), the entire right, title and interest, for the United States of America, in and to certain inventions related to the "A NOVEL INVERTEBRATE INTESTINAL MUCIN cDNA AND RELATED PRODUCTS AND METHODS" described in an application for Letters Patent of the United States, executed by me of even date here with, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Assignee the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

I agree that, when requested, I shall, without charge to Assignee, but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Robert R. Granados

5/7/99 Date

Ping Wang

RECORDED: 06/11/1999

5/14/99 Date

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