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(Rev. 6-93)



06-16-1998



U.S. Department of Commerce

06/01/98

Date

Patent and Trademark Office

document or copy thereof.

100738652 To the Honorable Commissioner of 1

Name of conveying parties:

DANIEL NICHOLAS HEINTZ

2. Name and address of receiving party:

Name: MONSANTO COMPANY

Additional name(s) of conveying party(ies) attached? [] Yes XX No	Internal Address	
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: April 17, 1998	Street Address: 800 N. Lindbergh Boulevard City: St. Louis State: Missouri Zip. 63167 Additional name(s) & address(es) attached? Yes XX No	
4. Application number(s) or registration number(s): Serial No. 09/001,644 a If this document is being filed together with a new application, the execution date	·	
A. Patent Application No.(s):	B. Patent No.(s):	
Additional numbers atta	ached? Yes XX No	
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1	
Name: Vikki Meriwether, Paralegal Arnold, White & Durkee P.O. Box 4433	7. Total fee (37 C.F.R. 3.41)	
City: Houston State: Texas Zip: 77210-4433	Deposit account number: 01-2508/MOPV003/WAA (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THE	IS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and co	rrect and any attached copy is a true copy of the original document	

Mail documents to be recorded with required cover sheet information to U.S. Patent & Trademark Office, Office of Public Records, Crystal Gateway 4. Room 335 Washington, D.C. 20231

CERTIFICATE OF MAILING

Janelle D. Waack

Name of Person Signing, Reg. No. 36,300

06/11/1998 DTHOMAS 00000045 09001644

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37 C.F.R 1.8

perepy certify that this correspondence is being deposited with the U.S. ostal Service as First Class Mail in an envelope addressed to: BOX ASSIGNMENT, Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

June 1, 1998

Vikki Meriwether

Signature

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to Monsanto Company (the "Assignee"), having a place of business at 800 N. Lindbergh Blvd.. 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 United States patent application Serial No. 60/033,971, filed December 31, 1996, and United States patent application Serial No. 09/001,644, filed December 31, 1997, both entitled "AQUEOUS GLYCEROL FORMULATIONS OF SOMATOTROPIN," 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 countries on such improvements; and specifically including the right to file 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;

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: Daniel Nicholas H	h.lar Heiz EINTZ	Date: 64-17-98	_
STATE OF MISSOURI)		
) ss.		
COUNTY OF COUNTY OF)		
appeared Daniel Nicholas Heintz foregoing instrument and acknowl purposes and consideration therein	z, known to me to be ledged to me that he en expressed.	the person whose name is subscribe executed the same of his own free wi	ed to the ill for the
CHRISTINE A CURTIS Notary Public - Notary Ser	al Notary or Co	Consular Officer	

[SEAL]

PATENT

US Serial No. 09/001,644 Assignment

REEL: 9236 FRAME: 0468

FRANKLIN COUNTY

LY COMMISSION EXP. OCT. 15,2001