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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Changling Liu	
Richard Martin Jacobson	Name: ROHM AND HAAS COMPANY
Mark Joseph Mulvihill	
Xiaonan Liu	Internal Address: Patent Department
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	
3. Nature of conveyance:	Street Address: 100 Independence Mall West
[X] Assignment [] Change of Name	
[] Security Agreement [] Merger	City: Philadelphia State: PA Zip: 19106-2399
[] Other	
Execution Dates: Richard Martin Jacobson and	Additional name(s) and address(es) attached? [] Yes [X] No
Mark Joseph Mulvihill (January 7, 2000);	
Changling Liu and Xiaonan Liu (January 16, 2000)	
4. 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)	B. Patent No.(s)
Serial No. 09/593,096 filed <u>June 13, 2000</u>	
Serial No. 09/993,090 thed Julie 13, 2000	
Additional numbers attached? [] Yes [X] No	
5. Name and address of party to whom correspondence	6. Total no. of applications and patents involved: [1]
concerning document should be mailed:	
Name: Clark R. Carpenter	7. Total fee (37 CFR 3.41): \$40.00
Internal Address: ROHM AND HAAS COMPANY	[] Enclosed
Detact Description 7th Floor	[X] Authorized to be charged to deposit account 8. Deposit account number:
Patent Department, 7th Floor	18-1850
Street Address: 100 Independence Mall West	10-1000
•	
City: Philadelphia State: PA Zip: 19106-2399	(Attach duplicate copy of this page if paying by deposit account)
DO NOW HOLE WHICH CHACE	
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 any	
attached copy is a true copy of the original document.	
Clark R. Carpenter Attorney (or Agent) Name Clark R. Carpenter Signature Date	
Attorney (or Agent) Name Signature Date	
Registration No. 35,092	

PATENT REEL: 011652 FRAME: 0178

ASSIGNMENT

WHEREAS, Changling Liu of 5-203, Building 22-1, South Seventh East Road, Yunfeng Street, Tiexi District, Shenyang, Liaoning, Peoples Republic of China, 110021, Richard Martin Jacobson of 11 Deerpath Road, Chalfont, PA 18914, Mark Joseph Mulvihill of 2801 Navajo Path, Ambler, PA 19002 and Xiaonan Liu of 4-7-2, No. 45-Jiao 1, Guogong Second Street. Tiexi District, Shenyang, Liaoning, Peoples Republic of China, 110021 (hereafter "Assignor"), invented certain new and useful improvements in SUBSTITUTED TRIAZOLES, IMIDAZOLES AND PYRAZOLES AS HERBICIDES, (hereafter "INVENTION") for which on the date below Assignor executed an application for Letters Patent of the United States of America;

WHEREAS at the time the INVENTION was made, Assignor was under an obligation to assign all right, title and interest in Assignor's INVENTION to ROHM AND HAAS COMPANY, a Delaware corporation having its principal place of business at 100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, which wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS COMPANY, for the United States of America, its territorial possession, and for all foreign countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, or similar protection, including any continuations, divisional, renewal, substitute, reissue or improvement applications, and to claim International Convention priority, in all such foreign countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, and make all rightful oaths and declaration relating to the INVENTION, requested by the ROHM AND HAAS COMPANY; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively. to ROHM AND HAAS COMPANY for its sole use and benefit and for its successors and assigns, to the full end of the term or terms for which said Letters Patent may be granted.

Assignor authorizes and requests insertion herein of the Serial Number 60/139,152 and filing date <u>June 14, 1999</u> of said application when officially known.

PATENT REEL: 011652 FRAME: 0179

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s). COMMONWEALTH OF PENNSYLVANIA : SS. COUNTY OF MONTGOMERY Richard Martin Jacobson personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this **ISEAL** Notary Public Notarial Seal Catherine B. Boccuti, Notary Public Lower Gwynedd Twp., Montgomery County My Commission Expires Nov. 12, 2002 Member, Pennsylvania Ausociation of Notaries COMMONWEALTH OF PENNSYLVANIA : SS. COUNTY OF MONTGOMERY Mark Joseph Mulvihill personally appeared before me and acknowledged to me that day of mulary, 2000. ISEAI **Notarial Seal** Catherine B. Boccuti, Notary Public

CRC/bk

PATENT REEL: 011652 FRAME: 0180

Lower Gwynedd Twp., Montgomery County My Commission Expires Nov. 12, 2002

Member, Pennsylvants

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s).

1/16/ev
Date

Witness:

Ri Li

CRC/bk