

Attorney Docket No.

08-17-2001

MTC 6622.1

RECC
8-10-01



To the Honorable Commissioner of Patents

101814361

1 document(s) or copy thereof.

1. Name of conveying party(ies) (assignor(s)):

Mark A. Leiber, Jerry R. Ebner, Kam-To Wan, Anthony Woods and Peter Rogers

Additional name(s) of conveying party(ies) attached? yes no

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Monsanto Technology LLC
Address: 800 North Lindbergh Boulevard

City: St. Louis
State: MO Zip: 63167
Country: USA

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment
- Merger
- Change of Name
- Verified Translation
- Security Agreement
- Other _____

Execution Date: 07/23/01, 07/24/01, 07/26/01 and 08/02/01

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is: _____

A. Patent Application No(s).

09746,186

B. Patent No(s).

Others on additional sheet(s) attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

James E. Davis
Senniger, Powers, Leavitt & Roedel
One Metropolitan Square
16th Floor
St. Louis, Missouri 63102
(314) 231-5400 (telephone)

6. Total number of applications and patents involved:

Application(s) 1 + Patent(s): 0 = Total 1

7. Total Fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account Number: 19-1345

(Duplicate copy of this sheet attached)

- Charge any underpayment or credit any overpayment to above Deposit Account

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.

James E. Davis
Name of Person Signing

Signature

August 10, 2001
Date

08/17/2001 TBIAZI 00000030 09746186 Total number of pages including cover sheet, attachments, and document:

01 FC:581

40.00 00



ASSIGNMENT

WHEREAS, We, Mark A. Leiber of St. Peters, Missouri, Jerry R. Ebner of St. Charles, Missouri Kam-To Wan of Manchester, Missouri, Anthony Woods, Cambridge, United Kingdom and Peter Rogers of St. Louis, Missouri, have invented an improvement in USE OF A SUPPLEMENTAL PROMOTER IN CONJUNCTION WITH A CARBON-SUPPORTED, NOBLE-METAL CONTAINING CATALYST IN LIQUID PHASE OXIDATION REACTIONS (File MTC 6622.1) and have executed an application for a United States patent based thereon, Serial No. 09/746,186; filed December 21, 2000;

AND, WHEREAS, Monsanto Technology LLC of St. Louis, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in

part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its

interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

Mark A. Leiber
Mark A. Leiber

STATE OF Missouri)
)
COUNTY OF St Louis)

On this 24 day of July, 2001, before me, a Notary Public, personally appeared Mark A. Leiber to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Patricia A. Hrastich
Notary Public

My Commission Expires: 12/17/03

PATRICIA A. HRASTICH
NOTARY PUBLIC—STATE OF MISSOURI
MY COMMISSION EXPIRES DEC. 17, 2003
ST. LOUIS COUNTY

Jerry R. Ebner
Jerry R. Ebner

STATE OF Missouri)
)
COUNTY OF St Louis)

On this 23 day of July, 2001, before me, a Notary Public, personally appeared Jerry R. Ebner, known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Patricia A. Hrastich
Notary Public

My Commission Expires: 12/17/03

PATRICIA A. HRASTICH
NOTARY PUBLIC—STATE OF MISSOURI
MY COMMISSION EXPIRES DEC 17, 2003
ST LOUIS COUNTY

Kam-To Wan
Kam-To Wan

STATE OF Missouri)
)
COUNTY OF St Louis)

On this 26 day of July, 2001, before me, a Notary Public, personally appeared Kam-To Wan, known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Patricia A. Hrastich
Notary Public

My Commission Expires: 12/17/03

**PATRICIA A. HRASTICH
NOTARY PUBLIC—STATE OF MISSOURI
MY COMMISSION EXPIRES DEC. 17, 2003
ST. LOUIS COUNTY**

Anthony Woods
Anthony Woods

STATE OF United Kingdom
COUNTY OF Cambridgeshire

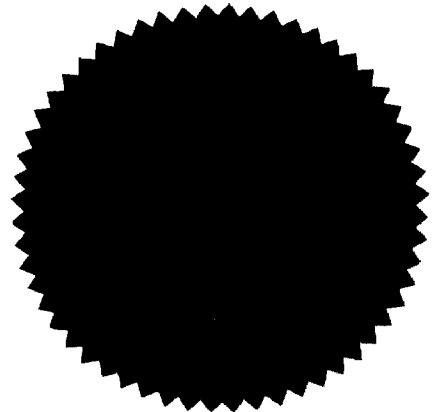
On this 2nd day of August, 2001, before me, a Notary Public, personally appeared Anthony Woods, known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

John David Hindmarsh
Notary Public for England & Wales

My Commission Expires: on death.

**JOHN DAVID HINDMARSH
NOTARY PUBLIC
ST. ANDREWS HOUSE
59 ST. ANDREWS STREET
CAMBRIDGE
CB2 3DD**



Peter Rogers

Peter Rogers

STATE OF Missouri)

COUNTY OF St Louis)

On this 23 day of July, 2001, before me, a Notary Public, personally appeared Peter Rogers, known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Patricia A. Hrastich

Notary Public

My Commission Expires: 12/17/03

**PATRICIA A. HRASTICH
NOTARY PUBLIC—STATE OF MISSOURI
MY COMMISSION EXPIRES DEC. 17, 2003
ST. LOUIS COUNTY**