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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

102182842

88-1087A

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

- a) Michael W. Lynch
- b) Shaotian Wang
- c) William J. Sartain

f-502

Additional name(s) of conveying party(ies) attached:

Yes No

2. Name and address of receiving party(ies):

Name: EQUISTAR CHEMICALS, LP

Internal Address: SAME

Street Address: One Houston Center
1221 McKinney Street

City: Houston State TX Zip 77010

Additional name(s) & address(es) attached: Yes No

3. Nature of conveyance:

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

Execution Date: a) June 13, 2002;

b) June 13, 2002; c) June 13, 2002

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)

10/166,934

Filed: June 11, 2002

B. Patent No.(s)

Additional numbers attached? Yes No.

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

Name: Jonathan L. Schuchardt

Internal Address: Legal Department

Street Address: Lyondell Chemical Company

3801 West Chester Pike

City: Newtown Square State PA Zip 19073

6. Total number of applications and patents involved:

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

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number: 01-2230

(Attach duplicate copy of this page if paying by deposit account)

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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.

Jonathan L. Schuchardt

Name of Person Signing

Reg. No. 34,428

CUSTOMER NO. 24114

Jonathan L. Schuchardt
Signature

August 1, 2002

Date

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

08/07/2002 6TON11 00000097 012230 10166934

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PATENT
REEL: 013151 FRAME: 0907

ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS:**

Names and Addresses of Inventors: Michael W. Lynch, Shaotian Wang, William J. Sartain

8837 Revere Run, West Chester, Ohio 45069, USA
7623 Deer Crossing Drive, Mason, Ohio 45040, USA
7934 Blackhawk Court, West Chester, Ohio 45069, USA

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

Title of Invention: **USE OF SILANES TO CONTROL MOLECULAR WEIGHT IN OLEFIN POLYMERIZATIONS**

for which application for Letters Patent of the United States has been filed on June 11, 2002

Particulars of Application under Serial No. 10/166,934 and

WHEREAS: EQUISTAR CHEMICALS, L.P.
One Houston Center
1221 McKinney Street
Houston, Texas 77010

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

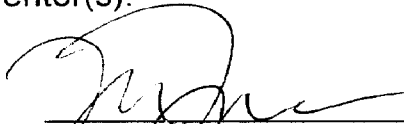
88-1087A

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

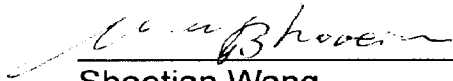
Full Names of Inventor(s):

DATE



Michael W. Lynch

June 13, 2002



Shaotian Wang

June 13, 2002



William J. Sartain

June 13, 2002