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02-23-1999

Docket No. PM-1991405



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HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

PLEASE RECOVER THE ATTACHED ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF.

1. NAME OF CONVEYING PARTY(IES)

Company: Nissan Chemical Industries, Ltd.
Address: 7-1, Kanda-Nishiki-Cho, 3-Chome
City, State Zip: Chiyoda-Ku, Tokyo 101-0054 Japan

Additional name(s) of conveying party(ies) attached? No.

2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)

Company: Equistar Chemicals, LP
Address: One Houston Center, 1221 McKinney, Ste. 1600
City, State: Houston, TX 77252-2583

Additional name(s) of receiving party(ies) attached? No.

3. NATURE OF CONVEYANCE

☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name

Execution Date: _____

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): 4,357,448; 4,424,321; 4,464,518; 4,657,996;
4,742,132; 4,643,986; 4,528,151 and 4,508,878

Additional numbers attached? No.

5. NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
CONCERNING DOCUMENT SHOULD BE DIRECTED:

Randy W. Lacasse
2001 Jefferson Davis Hwy.
Suite 806
Arlington, VA 22202
(703) 415-1015

6. TOTAL NUMBER OF APPLICATIONS AND PATENTS
INVOLVED: 8

7. TOTAL FEE DUE: \$320.00

02/22/1999 DNGUYEN 00000257 4357448

01 FC:581

320.00 DP

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.

Randy W. Lacasse
Name

Randy W. Lacasse
Signature

2/19/99
Date

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

PATENT
REEL: 9764 FRAME: 0770

Assignment

Whereas, **NISSAN CHEMICAL INDUSTRIES, LTD., OF 7-1, KANDA-NISHIKI-CHO 3-CHOME, CHIYODA-KU, TOKYO 101-0054 JAPAN**, hereinafter referred to as "Assignor", is the owner of undivided one-half right, title and interest in United States Patent Nos. 4,528,151 and 4,508,878; and

Whereas, **EQUISTAR CHEMICALS, LP, OF ONE HOUSTON CENTER, 1221 MCKINNEY, SUITE 1600, HOUSTON, TEXAS 77252-2583 U.S.A.**, hereinafter referred to as "Assignee", desire to acquire the Assignor's share of right, title, and interest in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

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.

Assignor further covenants that upon request by the Assignee, Assignor will promptly provide to Assignee all pertinent facts and documents relating to the invention claimed in the said U.S. Patents and legal equivalents as may be known and accessible to Assignor, and will testify as to the same in any interference, litigation or proceeding 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, issue and enforce the said U.S. Patents which may be necessary by Assignee.

Date: February 1, 1999

NISSAN CHEMICAL INDUSTRIES, LTD.


Shuuji Tsuchiya
General Manager
Patent & Information Department

ASSIGNMENT

Whereas, **NISSAN CHEMICAL INDUSTRIES, LTD., OF 7-1, KANDA-NISHIKI-CHO 3-CHOME, CHIYODA-KU, TOKYO 101-0054 JAPAN**, hereinafter referred to as "Assignor", is the owner of an entire right, title and interest in United States Patent Nos. 4,357,448, 4,424,321, 4,464,518, 4,657,996, 4,742,132 and 4,643,986; and

Whereas, **EQUISTAR CHEMICALS, LP, OF ONE HOUSTON CENTER, 1221 MCKINNEY, SUITE 1600, HOUSTON, TEXAS 77252-2583 U.S.A.**, hereinafter referred to as "Assignee", desire to acquire the entire right, title, and interest of the Assignor in the said U.S. Patents;

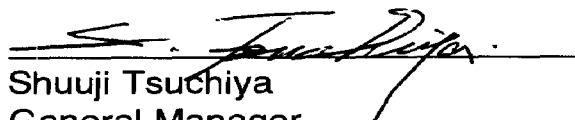
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Date: February 1, 1999

NISSAN CHEMICAL INDUSTRIES, LTD.


Shuuji Tsuchiya
General Manager
Patent & Information Department