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To the Honorable 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): Donald H. Powers Kenneth M. Webber Name: EQUISTAR CHEMICALS, LP Internal Address: SAME Additional name(s) of conveyi Street Address: One Houston Center 3. Nature of conveyance: 1221 McKinney Street ☑ Assignment □ Merger □ Security Agreement □ Change of Name City: Houston State TX Zip 77010 □ Other Additional name(s) & address(es) attached: □Yes ØNo Execution Date: March 14, 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: March 14, 2002 A. Patent Application No. B. Patent No.(s) Additional numbers attached? □ Yes ⋈ No. 5. Name and address of party to whom 6. Total number of applications and patents correspondence should be mailed: involved: ONE 7. Total fee (37 CFR 3.41) Name: Dennis M. Kozak \$40.00 Internal Address: Legal Department Authorized to be charged to deposit account Street Address: Lyondell Chemical Company 8. Deposit Account Number: 01-2230 3801 West Chester Pike (Attach duplicate copy of this page if paying by deposit account) City: Newtown Square State PA **Zi**p 19073 /01/2002 TDIAZ1 00000093 012230 10100522 FC 581 40.00 CH 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. Dennis M. Kozak March 18, 2002 Name of Person Signing Date Reg. No. 28,318 Customer Number: 24114

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

PATENT REEL: 012726 FRAME: 0167

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Donald H. Powers, 3040 FM 518, Apartment #1782, Pearland, Texas 77584, USA Kenneth M. Webber, 2805 Creek Bend Drive, Friendswood, Texas 77546, USA

(hereinafter referred to as ASSIGNOR), has invented and owns a

certain invention entitled:

Title of Invention:

ENHANCED PRODUCTION OF LIGHT OLEFINS

for which application for Letters Patent of the United States has been filed

on

Particulars of Application

under Serial No.

and

WHEREAS: EQUISTAR CHEMICALS, LP

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.

PATENT REEL: 012726 FRAME: 0168 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 Inventors:

DATE

3-14-2002

DONALD H. POWERS

DATE

3-14-2002

KENNETH M. WEBBER

RECORDED: 03/18/2002

PATENT REEL: 012726 FRAME: 0169