

FORM PTO-1619A

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PATENT

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PAGE 1 OF 2

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Address (line 2)

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PATENT

REEL: 011590 FRAME: 0225

**Correspondent Name and Address**

Area Code and Telephone Number (419) 249-7100

Name MARSHALL &amp; MELHORN, LLC

Address (line 1) PHILLIP S. OBERLIN

Address (line 2) FOUR SEAGATE - 8TH FLOOR

Address (line 3) TOLEDO, OHIO 43604

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**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

			5877369		

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Enter PCT application number

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# 1

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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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March 2, 2001

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☐ U.S. Provisional Application  
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By: ☐ Inventor(s) or ☒ Present Owner

**ASSIGNMENT OF INVENTION**

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:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

PHILLIPS PETROLEUM COMPANY*(type or print name(s) of ASSIGNOR(S))*214 PATENT & LIBRARY BUILDING

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BARTLESVILLE, OKLAHOMA 74004A DELAWARE CORPORATION

Nationality

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

Recorded on October 23, 1997

Reel 8865

Frame 0803 and 0804

hereby sells, assigns and transfers to

**ASSIGNEE:**KRUPP UHDE GMBH*(type or print name(s) of ASSIGNEE(S))*FRIEDRICH-UHDE-STRASSE 15

Address

D-44141 DORTMUND, GERMANYGERMAN

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

HYDROCARBON CONVERSION CATALYST COMPOSITION AND PROCESSESTHEREFOR AND THEREWITHName of inventor(s) AN-HSIANG WU and CHARLES A. DRAKE

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐ U.S. patent application executed on even date herewith(b) ☐ U.S. patent application executed on \_\_\_\_\_(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.(d) ☐ U.S. application no. \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_(e) ☐ International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_(f) ☒ U.S. patent no. 5,877,369 issued March 2, 1999☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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;

(Assignment of Invention [16-3]—page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent 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 representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this sixth day of X October, 2000  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: October 6, 2000

  
Signature of ASSIGNOR(S)

PHILLIPS PETROLEUM COMPANY 

Date:

Date:

Date:

(if ASSIGNOR is a legal entity, complete the following information)

✓ J. C. Mihm

(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

✓ Senior Vice President

Title Technology & Project Development

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

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Kathleen J. Moore

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**ASSIGNMENT RECORDATION**

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Patent No. 5,877,369 issued 03-02-1999

Title: Hydrocarbon Conversion Catalyst Composition and Process Therefor  
and Therewith - An-Hsiang Wu et al.

Previously Assigned from inventors to Phillips Petroleum Company on  
October 23, 1997, Reel 8865, Frames 0803 and 0804

Attorneys: Marshall & Melhorn, LLC

Attorney Docket No. 1-14959

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**PATENT****RECORDED: 03/05/2001****REEL: 011590 FRAME: 0230**