FORM PTO-1595 (Modified) (Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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et No.: 10217-1 U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101301449

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To the Honorable Commissioner of Patents and Trademark	s: Please record the attached original documents or copy thereof.						
Name of conveying party(ies):     Clarence D. Chang     Larry E. Hoglen	2. Name and address of receiving party(ies):						
Zhaozhong Jiang Rene B. LaPierre	Name: MOBIL OIL CORPORATION						
Rene b. Lapierre	Internal Address:						
Additional names(s) of conveying party(ies)	202						
	030						
3. Nature of conveyance:	, , , , , , , , , , , , , , , , , , ,						
	Street Address: 3225 Gallows Road						
☐ Security Agreement ☐ Change of Name							
☐ Other	City: Fairfax State: VA ZIP: 22037						
Execution Date: February 15, 17, 2000	Additional name(s) & address(es) attached?   Yes  No						
4. Application number(s) or registration numbers(s):							
• • • • • • • • • • • • • • • • • • • •	on, the execution date of the application is: February 14, 17, 2000						
A. Patent Application No.(s)	B. Patent No.(s)						
A. Patent Application No.(5)							
	09/507843						
	<b>•</b> • • • • • • • • • • • • • • • • • •						
Additional numbers att	│ ached?						
	actieu? Tes A No						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1						
·							
Name: MALCOLM D. KEEN	7. Total fee (37 CFR 3.41):\$ 40.00						
Internal Address:	Enclosed - Any excess or insufficiency should be credited or debited to deposit account						
MOBIL BUSINESS RESOURCES CORPORATION							
Office of Legal Counsel	Authorized to be charged to deposit account						
Street Address: 3225 Gallows Road							
	8. Deposit account number:						
	19-3150						
City: Fairfax State: VA ZIP: 22037	_						
03/27/2000 BHISUYEN 00000020 193150 09507843 DO NO	T USE THIS SPACE						
9. Statement and signature.							
	mation is true and correct and any attached copy is a true copy						
of the original document.	a. Vr						
Malcolm D. Keen, Reg. No. 27,728	allstanfler 25-teb 10						
Name of Person Signing	Signature Date						
Total number of pages including cover	sneet, attachments, and document:						

**PATENT** 

Docket No. : 10217-1

Serial No. Filed

## **ASSIGNMENT:**

I/We, the undersigned person(s) whose name(s), nationality(ies) and address(es) are set out below by my/our respective names and signature(s) have made an invention in PROCESS FOR CO-PRODUCTION OF DIALKYL CARBONATE AND ALKANEDIOL, and further identified by Mobil Office of Legal Counsel Docket Number 10217-1.

Mobil Oil Corporation, a corporation of New York ("Company"), wishes to acquire the entire right, title and interest in and to the invention and all intellectual property rights that may be granted for it.

In consideration of these premises and in performance of obligations which arose out of the terms of my/our employment by Company or an Affiliate of Company at the time the invention was made, I/we sell, transfer and assign to Company, its successors and assigns, the entire right, title and interest in and to the invention and to all intellectual property rights that may be granted for it, including the rights to all patents, together with all divisions, reissues, substitutions, continuations and extensions of the patent application and of any patents granted on it, and all rights arising under the International Convention for the Protection of Industrial Property by filing any applications for intellectual property rights for the invention. I/We acknowledge that this assignment carries with it the right in Company to apply for and obtain in all countries of the world any and all rights to the invention as intellectual property, by attorneys and agents of Company's selection and the right to procure the grant of all intellectual property rights including patents, to Company in its own name as assignee of the entire right, title and interest to the invention.

I/We will, at Company's expense, perform all lawful acts which Company, its successors, assigns, nominees and legal representatives may request to carry out the purposes of this assignment and I/we will assist Company, its successors, assigns, nominees and legal representatives, in every lawful way to obtain, sustain and enforce all intellectual property rights for the invention, in all countries of the world, including specifically the following:

- I/we will communicate to Company all facts known to me/us about the invention;
- I/we will execute all lawful papers for carrying out the purposes of this assignment, including (b) all lawful oaths and affidavits, one or more written confirmations of this assignment, all applications for intellectual property rights in foreign countries and all divisional, continuation, reissue and substitute applications for intellectual property rights for the invention;
- I/we will testify in any legal proceedings which involve the invention or any intellectual property rights granted for it.

PATENT

I/We acknowledge and agree that the obligations set out in this assignment are binding on me/us and on my/our heirs, executors, administrators and assigns.

I/We executed this assignment on the date(s) shown below.

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Citizen of USA

Clarence D. Chang

**RESIDENCE:** 

Princeton, NJ

Date:\_\_\_\_

## **POST OFFICE ADDRESS:**

11 Murray Place

Princeton, NJ 08540

**CITIZENSHIP**:

Citizen of USA

**RESIDENCE:** 

Mickleton, NJ

Larry E. Hoglen

Date: Telman 17, 2000

## **POST OFFICE ADDRESS:**

12 Linden Street

Mickleton, NJ 08056

**CITIZENSHIP:** 

Citizen of USA

**RESIDENCE:** 

Thorofare, NJ

1110101410, 110

3haozhong Jiang Zhaozhong Jiang

Date: Feb. 17, 2000

**POST OFFICE ADDRESS:** 

Apt. G-9

968 Kings Highway

Thorofare, NJ 08086

PATENT REEL: 010637 FRAME: 0331 CITIZENSHIP: Citizen of USA

Rene B. LaPierre

RESIDENCE: Medford, NJ

Date: February 17, 2000

**POST OFFICE ADDRESS:** 

43 Arrowhead Court Medford, NJ 08055

STATE OF NEW JERSEY

**COUNTY OF GLOUCESTER** 

1

<u>Clarence D. Chang, Larry E. Hoglen, Zhaozhong Jiang and Rene B. LaPierre,</u> who is/are known by me, appeared in person before me, signed this assignment and acknowledged that it was signed voluntarily on the date(s) shown above next to the respective signature(s).

Notary Public

PATENT

Docket No. : 10217-1

Serial No.

Filed :

## ASSIGNMENT:

I/We, the undersigned person(s) whose name(s), nationality(ies) and address(es) are set out below by my/our respective names and signature(s) have made an invention in PROCESS FOR CO-PRODUCTION OF DIALKYL CARBONATE AND ALKANEDIOL, and further identified by Mobil Office of Legal Counsel Docket Number 10217-1.

Mobil Oil Corporation, a corporation of New York ("Company"), wishes to acquire the entire right, title and interest in and to the invention and all intellectual property rights that may be granted for it.

In consideration of these premises and in performance of obligations which arose out of the terms of my/our employment by Company or an Affiliate of Company at the time the invention was made, I/we sell, transfer and assign to Company, its successors and assigns, the entire right, title and interest in and to the invention and to all intellectual property rights that may be granted for it, including the rights to all patents, together with all divisions, reissues, substitutions, continuations and extensions of the patent application and of any patents granted on it, and all rights arising under the International Convention for the Protection of Industrial Property by filing any applications for intellectual property rights for the invention. I/We acknowledge that this assignment carries with it the right in Company to apply for and obtain in all countries of the world any and all rights to the invention as intellectual property, by attorneys and agents of Company's selection and the right to procure the grant of all intellectual property rights including patents, to Company in its own name as assignee of the entire right, title and interest to the invention.

I/We will, at Company's expense, perform all lawful acts which Company, its successors, assigns, nominees and legal representatives may request to carry out the purposes of this assignment and I/we will assist Company, its successors, assigns, nominees and legal representatives, in every lawful way to obtain, sustain and enforce all intellectual property rights for the invention, in all countries of the world, including specifically the following:

- (a) I/we will communicate to Company all facts known to me/us about the invention;
- (b) I/we will execute all lawful papers for carrying out the purposes of this assignment, including all lawful oaths and affidavits, one or more written confirmations of this assignment, all applications for intellectual property rights in foreign countries and all divisional, continuation, reissue and substitute applications for intellectual property rights for the invention;
- (c) I/we will testify in any legal proceedings which involve the invention or any intellectual property rights granted for it.

PATENT REEL: 010637 FRAME: 0333 I/We acknowledge and agree that the obligations set out in this assignment are binding on me/us and on my/our heirs, executors, administrators and assigns.

I/We executed this assignment on the date(s) shown below.

Thorofare, NJ

Apt. G-9

**POST OFFICE ADDRESS:** 

1

968 Kings Highway Thorofare, NJ 08086

CITIZENSHIP: Citizen of USA	Clarence D. Chang
RESIDENCE: Princeton, NJ	Date: 7 1 5 2000
POST OFFICE ADDRESS: 11 Murray Place Princeton, NJ 08540	RAEANNE MARTIN  Notary Public, State of ILL  By Commission Expires 3/12/2004
CITIZENSHIP: Citizen of USA	Larry E. Hoglen
RESIDENCE: Mickleton, NJ	Date:
POST OFFICE ADDRESS: 12 Linden Street Mickleton, NJ 08056	
CITIZENSHIP: Citizen of USA	Zhaozhong Jiang
RESIDENCE:	Date:

PATENT

CITIZENSHIP:				
Citizen of USA	Rene B. LaPierre			
RESIDENCE:	Date:			

POST OFFICE ADDRESS: 43 Arrowhead Court Medford, NJ 08055

Medford, NJ

STATE OF NEW JERSEY

COUNTY OF GLOUCESTER Heinterain

Clarence D. Chang, Larry E. Hoglen, Zhaozhong Jiang and Rene B. LaPierre, who is/are known by me, appeared in person before me, signed this assignment and acknowledged that it was signed voluntarily on the date(s) shown above next to the respective signature(s).

Notary Public

PATENT PATENT REEL: 010637 FRAME: 0335