Docket No.: 10092-1 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) 03-02-1999 Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 Tab settings -> -> tached original documents or copy thereof. To the Honorable Commissioner of Pater 100977950 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): David C. Calabro Michael A. Steckel Jane C. Cheng David L. Stern Name: MOBIL OIL CORPORATION Simon C. Weston Robert A. Crane, Jr. Charles T. Kresge Internal Address: Sandeep S. Dhingra ☐ Yes 🛣 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 3225 Gallows Road ■ Assignment ☐ Merger Security Agreement ☐ Change of Name City: Fairfax State: VA ZIP: 22037 □ Other Execution Date: February 11, 12, & 15, 1999 Additional name(s) & address(es) attached?

Yes
No Application number(s) or registration numbers(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) 09/234,544 d3/01/1999 SBURNS 00000115 193150 09234544 di FC:581 40.00 CH Additional numbers attached? ☐ Yes Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: RONALD A. BLEEKER, ESQ. 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 Authorized to be charged to deposit account **OFFICE OF LEGAL COUNSEL** Street Address: 3225 Gallows Road 8. Deposit account number: 19-3150 City: Fairfax State: VA ZIP: 22037 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. Peter W. Roberts Reg. No.: 31,702

Signature

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

Name of Person Signing

PATENT

REEL: 9784 FRAME: 0473

Docket No. : 10092-1 Serial No. : 09/234,544

Filed: Janaury 21, 1999

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 **SYNTHETIC POROUS CRYSTALLINE MCM-68, ITS SYNTHESIS AND USE,** the specification of which was filed as U.S. Serial No. 09/234,544 on January 21, 1999 further identified by Mobil's Docket Number 10092-1.

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: 9784 FRAME: 0474 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.

CITIZENSHIP:

Citizen of United States of America

RESIDENCE:

Princeton Junction, New Jersey

POST OFFICE ADDRESS:

42 Slayback Drive

Princeton Junction, New Jersey 08550

David C. Calabro, 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).

CITIZENSHIP:

Citizen of United States of America

RESIDENCE:

Voorhees, New Jersey 08043

POST OFFICE ADDRESS:

8 Fir Lane

Voorhees, New Jersey 08043

COUNTY OF Slaurestu

Jane C. Cheng, 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).

Date: 3/13/99

PATENT

7 P. C. C. EJ 05 BRG PALL TERRITOR OF MOW TENTAL My commercial forces flowed, 2007

REEL: 9784 FRAME: 0475

CITIZENSHIP: Citizen of United States of America	Robert A. Crang, Jr. Robert A. Crane, Jr.
RESIDENCE: Monroeville, New Jersey	Date: 2/12/99
POST OFFICE ADDRESS: 1367 Ellis Mill Road Monroeville, New Jersey 08343	
STATE OF <u>Mew Jersey</u> COUNTY OF <u>blances</u> tic	
Robert A. Crane, Jr., who is/are known by me assignment and acknowledged that it was signespective signature(s).	ned voluntarily on the date(s) shown above next to the Notary Public SANDRA G. SJOBERG HOTARY PUBLIC OF NEW JERSEY JOURNAL OF NEW JER
CITIZENSHIP: Citizen of United States of America RESIDENCE: West Chester, Pennsylvania	Charles T. Kresge Date: Februar 11, 1999

POST OFFICE ADDRESS:

600 Thorncroft Drive

West Chester, Pennsylvania 19380

STATE OF Mew Jussey COUNTY OF Slaurestu

Charles T. Kresge, 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).

> SANDRA G. SJOBERG Tayley huatic of New Jessey Lon Emiter New 3, 2014

> > **PATENT REEL: 9784 FRAME: 0476**

<u>CITIZENSHIP:</u> Citizen of India	Sandey Scholingsa Sandeep S. Dhingra
RESIDENCE: Robbinsville, New Jersey	Date: Feb 11, 1999
POST OFFICE ADDRESS: 112 Laurel Drive Robbinsville, New Jersey 08691 STATE OF Men Jersey COUNTY OF Slaurestic	oo appeared in person before me, signed this
	ne, appeared in person before me, signed this igned voluntarily on the date(s) shown above next to the hotary Public SANDRA G. SJOBERG
CITIZENSHIP: Citizen of United States of America	Michael A. Steckel
RESIDENCE:	Date: 2/12(98

POST OFFICE ADDRESS:

153 Glen Riddle Road Middletown Twp

Media, Pennsylvania

Media, Pennsylvania 19063

STATE OF _

COUNTY OF_

Michael A. Steckel, 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

SANDRA G. SJØBERG NOTARY PUBLIC OF NEW JERSEY My Commission Expires Nov. 1 2000

> PATENT REEL: 9784 FRAME: 0477

CITIZENS	HIP:		
Citizen of	United	States o	f America

David L. Ste

Date: 7/15/9**9**

RESIDENCE:

Mount Laurel, New Jersey

POST OFFICE ADDRESS:

3906 Tarnbrook Drive

Mount Laurel, New Jersey 08054

STATE OF

COUNTY OF_

<u>David L. Stern</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

SANDRA G. SJOBERG NOTARY PUBLIC OF NEW JERSEY Commission Expires Nov. 1, 2000

CITIZENSHIP: Citizen of United Kingdom

RESIDENCE:

Voorhees, New Jersey

POST OFFICE ADDRESS:

4038 Main Street

Voorhees, New Jersey 08043

STATE OF

COUNTY OF

Simon C. Weston, 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

SANDRA G. SJOBERG NOTARY PUBLIC OF NEW JERSEY My Commission Expires Nov. 1, 2000

> PATENT REEL: 9784 FRAME: 0478

RECORDED: 03/01/1999