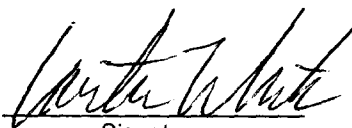


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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌	REC <div style="border: 1px solid black; padding: 2px; display: inline-block;">103001198</div>	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Arvind D. Patel Emanuel Stamatakis Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: M-I L.L.C. Internal Address: _____ Legal Dept. - Patent and Trademark Group Street Address: 5950 North Course Drive City: Houston State: TX Zip: 77072 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 5 May 2005		
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) _____ _____		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Carter J. White Internal Address: _____ Legal Dept. - Patent & Trademark Group Street Address: 5950 North Course Dr. City: Houston State: TX Zip: 77072	6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 13-3082 Order No. PA-02060US02	
DO NOT USE THIS SPACE		
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> Carter J. White, Reg. No. 41374 Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> 05/05/2005 Date </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages including cover sheet, attachments, and documents: <input checked="" type="checkbox"/> </div>		

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 PATENT
 REEL: 016537 FRAME: 0636

Assignment

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: **Arvind D. Patel and Emanuel Stamatakis** the undersigned hereby sell(s) and assign(s) to M I LLC. (the "Assignee"), a corporation of Delaware, having a place of business at 5950 North Course Dr., Houston, TX 77072, his/her entire right, title and interest

check applicable box(es) ☒: for the United States of America (as defined in 35 U.S.C. § 100),
 ☒: and throughout the world,

in the invention(s) known as **SHALE HYDRATION INHIBITION AGENT AND METHOD OF USE** for which application(s) for Letters Patent in the United States of America has (have) been executed by the undersigned on or about this same day (also known as United States Patent Application No. 10/_____, filed _____), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby authorizes and requests the government authority to issue any and all Letters Patent granted on such inventions to the Assignee.

The undersigned hereby warrants and represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby expressly intends this agreement to be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Signature: Arvind D. Patel Date: 5/5/05
 Printed Name: Arvind D. Patel

COUNTY OF Harris)
) ss.
 STATE OF Texas)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2004, personally appeared Arvind D. Patel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

 Notary or Consular Officer

[SEAL]

Signature: Emanuel Stamatakis Date: May 5, 2005
 Printed Name: Emanuel Stamatakis

COUNTY OF Harris)
) ss.
 STATE OF Texas)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2004, personally appeared Emanuel Stamatakis, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

 Notary or Consular Officer

[SEAL]