FORM PTO-1619A pires 06/30/99 3 0651-0027

05-23-2001



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U.S. Department of Commerce Patent and Trademark Office **PATENT**

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	Name (line 2)									
	Second Party						Execution Date			
	Name (line 1)	Norman, Moni	ca				Month Day Year 1 2182000			
	Name (line 2)									
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	Name (line 1) M-I L.L.C. Name (line 2) A Corporation of the state of D				cument to be recorded					
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner for Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 011815 FRAME: 0675

OMB 0651-0027	3	Page 2		epartment of Commerce and Trademark Office PATENT
Corresponde	nce Name and Addr			
		Area Code and	Telephone Number	(713) 238-8000
Name	Leslie V. Payne			
Address (line 1)	CONLEY, ROSE & TAYO	DN, P. C.		
Address (line 2)	P. O. Box 3267			
Address (line 3)	Houston, Texas 77253-326	7		
Address (line 4)				
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	Number(s) or Patent Patent Application Number of			additional numbers attached mbers for the same property).
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CONTINUATION
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Patent and Trademark Office
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Conveying P	arty(ies)	☐ Mar	k if additional names of	conve	eying parties attached
Enter additional (Conveying Parties				Execution Date
Name (line 1)	Ballard, David A				Month Day Year 12202000
Name (line 2)					
					Execution Date Month Day Year
Name (line 1)	Jiang, Ping				12212000
Name (line 2)					
					Execution Date Month Day Year
Name (line 1)					Worth Day Tear
Name (line 2)					
					Execution Date
Name (line 1)					Month Day Year
Name (line 2)					
Receiving Pa	rty		Mark if additional	names	s of receiving parties attached
Enter additional R	Receiving Party(ies)				
Name (line 1)					If document to be recorded
Name (line 2)					is an assignment and the receiving party is not
Address (line 1)					domiciled in the United States, an appointment
Address (line 2)					of a domestic representative is attached.
Address (line 3)					(Designation must be a separate document from
	City	State/Country	Zip Code		Assignment)
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United
Address (line 1)					States, an appointment of a domestic
Address (line 2)					representative is attached.
Address (line 3)	O't-	State (Ca	7:- 6 1		(Designation must be a separate document from
	City	State/Country	Zip Code		Assignment)

44180.01/1894-00501(LVP)

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by M-I L.L.C. and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Michael A. Freeman and Monica Norman, having made (along with David A. Ballard, Ping Jiang, Kenneth C. Symes and Kishor K. Mistry) an invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE, while in the employ either as an employee or consultant of M-I L.L.C., a limited liability corporation organized and existing under the laws of the State of Delaware, doing business at 1201 Louisiana, 9th Floor, Houston, Texas 77002 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said M-I L.L.C., its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- United States of America patent application on said invention, Serial No. 09/711,655, filed November 13, 2000, Attorney's File No. 1894-00501, entitled METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;

32474.01/1894.00501(LVP)

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

Date: 18 DECEMBER 2000.	ASSIGNORS
Executed at: Hous Ton IX	Name: Michael A. Freeman
Date: 18 Dec '00 Executed at: Houston, Texas	Name: Monica Norman

2

32474.01/1894.00501(LVP)

THE STATE OF <u>Legas</u> § COUNTY OF <u>Harris</u> §
BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL A. FREEMAN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the day of
My Commission Expires:
4-15-02

THE STATE OF <u>Sepan</u> § COUNTY OF <u>Harris</u> §
BEFORE ME, the undersigned authority, on this day personally appeared MONICA NORMAN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the day of
December, 2000.
[SEAL] CAROL LOWREY Notary Public, State of Texas My Commission Expires 4-15-02 The State of Lowrence of the State of Lowrence of the State of Lowrence of Low
My Commission September 2000 100 100 100 100 100 100 100 100 10

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4-15-02

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by M-I L.L.C. and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, David A. Ballard, having made (along with Michael A. Freeman, Monica Norman, Ping Jiang, Kenneth C. Symes and Kishor K. Mistry) an invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE, while in the employ either as an employee or consultant of M-I L.L.C., a limited liability corporation organized and existing under the laws of the State of Delaware, doing business at 1201 Louisiana, 9th Floor, Houston, Texas 77002 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said M-I L.L.C., its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- United States of America patent application on said invention, Serial No. 09/711,655, filed November 13, 2000, Attorney's File No. 1894-00501, entitled METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;

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- 4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

	ASSIGNOR
Date: 20 /12/00.	Deallad.
Executed at: ASCROCEN	Name: David A. Ballard
wom he the above named	David Antona Ballard

Sours by the above named David Antony Ballard before me KEVIN WALLACE ALEXANDER DAVIDSON. NOTARY PUBLIC, 18 BUN ACCORD, CREICENT, ABERDEN

32798.01/1894.00501

2

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by M-I L.L.C. and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Ping Jiang, having made (along with Michael A. Freeman, Monica Norman, David A. Ballard, Kenneth C. Symes and Kishor K. Mistry) an invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE, while in the employ either as an employee or consultant of M-I L.L.C., a limited liability corporation organized and existing under the laws of the State of Delaware, doing business at 1201 Louisiana, 9th Floor, Houston, Texas 77002 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said M-I L.L.C., its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- United States of America patent application on said invention, Serial No. 09/711,655, filed November 13, 2000, Attorney's File No. 1894-00501, entitled METHOD AND COMPOSITION FOR THE TRIGGERED RELEASE OF POLYMER-DEGRADING AGENTS FOR OIL FIELD USE;
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;

32800.01/1894.00501

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world:

5. All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention. applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

ASSIGNOR

Name: Ping Jiang

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2

THE STATE OF	Norway	. §
	.1	§
COUNTY OF	Rogaland	Ş

BEFORE ME, the undersigned authority, on this day personally appeared PING JIANG, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ______ day of

desember, 2000.

[SEAL]

My Commission Expires:

Notary Public in and for

the State of Norway

32800.01/1894.00501

RECORDED: 05/14/2001

3