

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Raul NAVARRO	08/18/2008
Andrew JONES	07/08/2008
Mark LUYSTER	08/07/2008
Robert L. HORTON	08/07/2008

**RECEIVING PARTY DATA**

Name:	M-I LLC
Street Address:	5950 North Course Drive
City:	Houston
State/Country:	TEXAS
Postal Code:	77072

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12666011

**CORRESPONDENCE DATA**

Fax Number: (713)228-8778  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 7132288600  
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 Correspondent Name: Jeffrey S. Bergman  
 Address Line 1: 909 Fannin, Suite 3500  
 Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER:	05542/209002 (VAP/BCM)
NAME OF SUBMITTER:	Jeffrey S. Bergman

Total Attachments: 4  
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**PATENT  
 REEL: 024189 FRAME: 0402**

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## ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the “INVENTOR(S)”) hereby assign, transfer, and set over to:

M-ILLC

having the following address:

5950 North Course Drive  
Houston, Texas 77072

(referred to herein as “COMPANY”), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

### GRAVEL-PACKING CARRIER FLUID WITH INTERNAL BREAKER

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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OSHA LIANG LLP

PATENT  
REEL: 024189 FRAME: 0404

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

<u>12/08/2008</u> Date	1 <sup>st</sup> Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Raul Navarro-Mascarell</u>
_____ Date	2 <sup>nd</sup> Inventor Signature: _____ Print or Type Name: <u>Andrew Jones</u>
_____ Date	3 <sup>rd</sup> Inventor Signature: _____ Print or Type Name: <u>Mark Luyster</u>
_____ Date	4 <sup>th</sup> Inventor Signature: _____ Print or Type Name: <u>Robert L. Horton</u>

**NOTARY PUBLIC**

State of ABERDEEN, SCOTLAND.  
County of \_\_\_\_\_

Before me personally appeared: Raul Navarro-Mascarell Andrew Jones  
1<sup>st</sup> Inventor 2<sup>nd</sup> Inventor  
Mark Luyster Robert L. Horton  
3<sup>rd</sup> Inventor 4<sup>th</sup> Inventor  
\_\_\_\_\_  
5<sup>th</sup> Inventor 6<sup>th</sup> Inventor  
\_\_\_\_\_  
7<sup>th</sup> Inventor 8<sup>th</sup> Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 14/08/2008 [Signature]  
Notary Public My commission expires: GARETH PETER WEBSTER

**WITNESSES**

14/08/2008 Signature of Witness: [Signature]  
Date Print or Type Name: GARETH PETER WEBSTER

\_\_\_\_\_  
Date Signature of Witness: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 60/947,602  
Filing Date: July 2, 2007

OSHA LIANG LLP

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

_____	1 <sup>st</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Raul Navarro-Mascarell</u>
<u>July 8<sup>th</sup> 2008</u>	2 <sup>nd</sup> Inventor Signature: <u><i>Andrew Jones</i></u>
Date	Print or Type Name: <u>Andrew Jones</u>
_____	3 <sup>rd</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Mark Luyster</u>
_____	4 <sup>th</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Robert L. Horton</u>

**NOTARY PUBLIC**

State of \_\_\_\_\_  
County of \_\_\_\_\_

Before me personally appeared:	<u>Raul Navarro-Mascarell</u>	<u>Andrew Jones</u>
	1 <sup>st</sup> Inventor	2 <sup>nd</sup> Inventor
	<u>Mark Luyster</u>	<u>Robert L. Horton</u>
	3 <sup>rd</sup> Inventor	4 <sup>th</sup> Inventor
	_____	_____
	5 <sup>th</sup> Inventor	6 <sup>th</sup> Inventor
	_____	_____
	7 <sup>th</sup> Inventor	8 <sup>th</sup> Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: \_\_\_\_\_  
Notary Public My commission expires: \_\_\_\_\_

**WITNESSES**

<u>8 July 08</u>	Signature of Witness: <u><i>B.H. Sears</i></u>
Date	Print or Type Name: <u>B.H. Sears</u>
<u>8 July 2008</u>	Signature of Witness: <u><i>L.F. McLaughlin</i></u>
Date	Print or Type Name: <u>L.F. McLaughlin</u>

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 60/947,602  
Filing Date: July 2, 2007

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

_____	1 <sup>st</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Raul Navarro-Mascarell</u>
_____	2 <sup>nd</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Andrew Jones</u>
<u>8-7-08</u>	3 <sup>rd</sup> Inventor Signature: <u>M Luyster</u>
Date	Print or Type Name: <u>Mark Luyster</u>
<u>8/7/08</u>	4 <sup>th</sup> Inventor Signature: <u>Robert Horton</u>
Date	Print or Type Name: <u>Robert L. Horton</u>

State of Texas  
 County of Harris

Before me personally appeared: Raul Navarro-Mascarell Andrew Jones  
1<sup>st</sup> Inventor 2<sup>nd</sup> Inventor  
Mark Luyster Robert L. Horton  
3<sup>rd</sup> Inventor 4<sup>th</sup> Inventor  
Julie E. Kurka Notary Public, State of Texas  
5<sup>th</sup> Inventor 6<sup>th</sup> Inventor  
My Commission Expires May 08, 2011 7<sup>th</sup> Inventor 8<sup>th</sup> Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: Aug. 7, 2008 Julie E. Kurka  
 Notary Public My commission expires: May 8, 2011

**NOTARY PUBLIC**

**WITNESSES**

Signature of Witness: \_\_\_\_\_  
 Date \_\_\_\_\_ Print or Type Name: \_\_\_\_\_

Signature of Witness: \_\_\_\_\_  
 Date \_\_\_\_\_ Print or Type Name: \_\_\_\_\_

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