

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nils KAAGESON-LOE	03/10/2009
Trond DAATLAND	03/03/2009
Oystein RANDEBERG	02/27/2009
Arne ASKO	03/03/2009
Frederick B. GROWCOCK	02/25/2009
Mark W. SANDERS	02/26/2009
RECEIVING PARTY DATA	
Name:	M-I L.L.C.
Street Address:	5950 North Course Drive
City:	Houston
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12363493
CORRESPONDENCE DATA	
Fax Number:	(713)228-8778
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(713) 228-8600
Email:	risinger@oshaliang.com
Correspondent Name:	OSHA LIANG, LLP
Address Line 1:	909 Fannin
Address Line 2:	Suite 3500
Address Line 4:	Houston, TEXAS 77010
ATTORNEY DOCKET NUMBER:	05542/246002

OP \$40.00 12363493

NAME OF SUBMITTER:

Jeffrey S. Bergman

Total Attachments: 10

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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-I L.L.C.

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:

METHODS OF DETECTING, PREVENTING, AND REMEDIATING LOST CIRCULATION

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.

OSHALIANG

Intellectual Property Law

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

10.03.09
Date

1st Inventor Signature: [Signature]
Print or Type Name: Nils Kaageson-Loe

03.03.09
Date

2nd Inventor Signature: [Signature]
Print or Type Name: Trond Daatland

Date

3rd Inventor Signature: _____
Print or Type Name: Oystein Randeberg

03.03.09
Date

4th Inventor Signature: [Signature]
Print or Type Name: Arne Asko

Date

5th Inventor Signature: _____
Print or Type Name: Frederick B. Growcock

Date

6th Inventor Signature: _____
Print or Type Name: Mark W. Sanders

Date

7th Inventor Signature: _____
Print or Type Name: Gabe Manescu

NOTARY PUBLIC

State of _____
County of _____

Before me personally appeared:	<u>Nils Kaageson-Loe</u> <small>1st Inventor</small>	<u>Trond Daatland</u> <small>2nd Inventor</small>
	<u>Oystein Randeberg</u> <small>3rd Inventor</small>	<u>Arne Asko</u> <small>4th Inventor</small>
	<u>Frederick B. Growcock</u> <small>5th Inventor</small>	<u>Gabe Manescu</u> <small>6th Inventor</small>
	<u>Mark W. Sanders</u> <small>7th Inventor</small>	<small>8th Inventor</small>

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

03.03.09
Date

Signature of Witness: [Signature]
Print or Type Name: GUNNAR THOMSEN

10.03.09
Date

Signature of Witness: [Signature]
Print or Type Name: GERD MARIT SANDBERG

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.:	12/363,493
Filing Date:	January 30, 2009

OSHALIANG
Intellectual Property Law

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_____	1 st Inventor Signature: _____
Date	Print or Type Name: Nils Kaageson-Loe
_____	2 nd Inventor Signature: _____
Date	Print or Type Name: Trond Daatland
02/27/09	3 rd Inventor Signature: <i>[Signature]</i>
Date	Print or Type Name: Oystein Randeberg
_____	4 th Inventor Signature: _____
Date	Print or Type Name: Arne Asko
_____	5 th Inventor Signature: _____
Date	Print or Type Name: Frederick B. Growcock
_____	6 th Inventor Signature: _____
Date	Print or Type Name: Mark W. Sanders
_____	7 th Inventor Signature: _____
Date	Print or Type Name: Gabe Manescu

State of _____
 County of _____

Before me personally appeared:

Nils Kaageson-Loe	Trond Daatland
<small>1st Inventor</small>	<small>2nd Inventor</small>
Oystein Randeberg	Arne Asko
<small>3rd Inventor</small>	<small>4th Inventor</small>
Frederick B. Growcock	Gabe Manescu
<small>5th Inventor</small>	<small>6th Inventor</small>
Mark W. Sanders	
<small>7th Inventor</small>	<small>8th Inventor</small>

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: _____

NOTARY PUBLIC

WITNESSES

27/2-09
 Date

Signature of Witness: *[Signature]*
 Print or Type Name: ATLE WITVEIT

Signature of Witness: _____
 Print or Type Name: _____

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Date	Print or Type Name: <u>Trond Daatland</u>
_____	3 rd Inventor Signature: _____
Date	Print or Type Name: <u>Oystein Randeberg</u>
_____	4 th Inventor Signature: _____
Date	Print or Type Name: <u>Arne Asko</u>
<u>Feb 25, 2009</u>	5 th Inventor Signature: <u>Frederick B. Growcock</u>
Date	Print or Type Name: <u>Frederick B. Growcock</u>
_____	6 th Inventor Signature: _____
Date	Print or Type Name: <u>Mark W. Sanders</u>

State of Texas
 County of Harris

Before me personally appeared: Nils Kaageson-Loe 1st Inventor Trond Daatland 2nd Inventor
Oystein Randeberg 3rd Inventor Arne Asko 4th Inventor
Frederick B. Growcock 5th Inventor Gabe Manescu 6th Inventor
Mark W. Sanders 7th Inventor

NOTARY PUBLIC
 JULIE E. KURKA
 Notary Public, State of Texas
 My Commission Expires
 May 08, 2011

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: Feb. 25, 2009 Julie E. Kurka
 Notary Public My commission expires: May 8, 2011

WITNESSES

 Date Signature of Witness: _____
 Print or Type Name: _____

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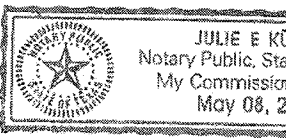
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Date	Print or Type Name: <u>Oystein Randeberg</u>
_____	4 th Inventor Signature: _____
Date	Print or Type Name: <u>Arne Asko</u>
_____	5 th Inventor Signature: _____
Date	Print or Type Name: <u>Frederick B. Growcock</u>
<u>26 FEB 2009</u>	6 th Inventor Signature: _____
Date	Print or Type Name: <u>Mark W. Sanders</u>

State of Texas
 County of Harris

Before me personally appeared: Nils Kaageson-Loe 1st Inventor
Trond Daatland 2nd Inventor
Oystein Randeberg 3rd Inventor
Arne Asko 4th Inventor
Frederick B. Growcock 5th Inventor
Gabe Manescu 6th Inventor
Mark W. Sanders 7th 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: Feb. 26, 2009 Julie E. Kurka
 Notary Public My commission expires: May 8, 2011

WITNESSES

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Date	Print or Type Name: <u>Arne Asko</u>
_____	5 th Inventor Signature: _____
Date	Print or Type Name: <u>Frederick B. Growcock</u>
_____	6 th Inventor Signature: _____
Date	Print or Type Name: <u>Mark W. Sanders</u>
<u>Mar 9, 2009</u>	7 th Inventor Signature: _____
Date	Print or Type Name: <u>Gabe Mancscu</u>

State of _____
 County of _____

Before me personally appeared: Nils Kaageson-Loe Trond Daatland
1st Inventor 2nd Inventor

Oystein Randeberg Arne Asko
3rd Inventor 4th Inventor

Frederick B. Growcock Gabe Mancscu
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