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

500831997

Fax Number: (713)228-8778

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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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

PATENT

REEL: 022532 FRAME: 0305

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NAME OF SUBMITTER:	Jeffrey S. Bergman
Total Attachments: 10	
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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.

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indivi	IN WITNESS WHE duals on the date appearing by		nas been executed by each of the undersigned re:
<u>10</u>	03 09 Date	1st Inventor Signature: _ Print or Type Name: _	ATIL W.
<u> </u>	Date	2 nd Inventor Signature: Print or Type Name:	Trond Daatland
	Date	3 rd Inventor Signature: _ Print or Type Name: _	Oystein Kandeberg
<u>03</u>	Date	4 th Inventor Signature: _ Print or Type Name: _	Alesto Yalaa
\	Date	5 th Inventor Signature: _ Print or Type Name: _	Paradantal D. Carrier and
nannus'	Date	6 th Inventor Signature: _ Print or Type Name: _	Mark W. Sanders
	Date		Gabe Manescu
	State of County of		
BLIC	Before me personally appeared:	Nils Kaageson-Loe 1*Inventor Oystein Randeberg 3*Inventor	Trond Daatland 2rd Inventor Arne Asko 4rd Inventor
NOTARY PUBLIC		Frederick B. Growcock Frederick B. Growcock Mark W. Sanders **Inventor*	Gabe Manescu 6th Inventor 8th Inventor
NOT	each of whom acknowledged the fexecute this Assignment.		act and deed and also represented that he/she is authorized to
	Dated:	Notary Public	My commission expires:
SSES	03.03.09 Date	Signature of Witness: Print or Type Name:	GUNNAR THOMSEN
WITNESS	10.03.09	Signature of Witness:	A Candley
	Nate When this Assir	Print or Type Name:	ently with the patent application,
	the followin	g identifying information m	ay be added <u>after</u> execution:
	U.S. App	lication Serial No.: Filing Date:	12/363,493 January 30, 2009

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		1 st Inventor Signature:	
	Date	Print or Type Name:	Mile Vergosop I on
		2 nd Inventor Signature:	77 17 17
	Date	Print or Type Name:	Trond Daatland
)2	127/09	3 rd Inventor Signature:	998FR)
	Date	Print or Type Name:	Oystein Randeberg
		4 th Inventor Signature:	
	Date	Print or Type Name:	Arne Asko
	Date	Print or Type Name:	Frederick B. Growcock
	Date	6 th Inventor Signature: Print or Type Name:	Monte W/ Condere
			,
	Date	Print or Type Name:	Gabe Manescu
	State of		
	County of	,	
)	Before me personally appeared:	Nils Kaageson-Loe	Trond Daatland
		1 ⁴ Inventor Oystein Randeberg	Arne Asko
		3rd Inventor Frederick B. Growcock	Gabe Manescu
		5th Investor Mark W. Sanders	6 th Inventor
	execute this Assignment.		and deed and also represented that he/she is authorize
		Notary Public	My commission expires:
	27/2-09 Date	Signature of Witness: Print or Type Name:	Alle Milland
u 	Date	Signature of Witness:	
-15	Date	Print or Type Ivame:	
	When this Assig	gnment is <u>not</u> filed concurrent ng identifying information may	ly with the patent application, be added <u>after</u> execution:
		olication Serial No.:	12/363,493 January 30, 2009

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	wat w	
Date	1st Inventor Signature: Print or Type Name:	Nila Vaggagon I ce
	2 nd Inventor Signature:	
Date	Print or Type Name:	Trand Doctland
	3 rd Inventor Signature:	
Date	Print or Type Name:	Overtain Pandehere
	4 th Inventor Signature:	
Date	Print or Type Name:	Arne Asko
Feb 25 200	5 th Inventor Signature:	Frederich B. Drowcon
Date	Print or Type Name:	Frederick B. Growcock
	6 th Inventor Signature:	
Date	Print or Type Name:	Mode W. Sandare
	Nils Kaageson-Loe- 1*Invasion Ovisiein Randebarg	Frond Dantland 2 nd Inventor Ame Asko
Notary Pr My Co	Oystein Randeberg Oystein Randeberg Jeff Erwenter LIE E KURKA Lublic, State of Tex-Erederick B. Growcock Thromassion Expires Lie of Tex-Erederick B. Growcock State of	AFRIC Acide Gather Mariescu Gh Inventor Gh Inventor Sh Inventor
Dated: Feb	Oystein Randeberg LIE E KURKA LIST Explores LIST E KURKA LIST Explores LIST E KURKA LIST Explores Softwentor Mark W. Sanders The forestor Movement LIST E KURKA LIST Explores Softwentor Movement Notary Public Signature of Witness:	Armo Asko - 4th Inventor Gabe Mancscu 6th Inventor et and deed and also represented that he/she is authorized to
Dated: Feb	Oystein Randeberg - ALE E KURKA Jobic, State of Tex Erederick B. Growcock mmission Expires Joy 08, 2011 Mark W. Sanders Threator anowledged the foregoing instrument to be a free aument. Notary Public Signature of Witness:	Arme Asko- Arme Asko- 4th Inventor Gabe Mancscu 6th Inventor et and deed and also represented that he/she is authorized to the second sec
Dated: Feb	Oystein Randeberg - 1 E E KURKA White, State of Texacterick B. Growcock Mark W. Sanders Threator mowledged the foregoing instrument to be a free authent. 25, 2009 Notary Public Signature of Witness: Print or Type Name: Signature of Witness:	Arne Asko 4th Inventor Gabe Manescu 6th Inventor Stand deed and also represented that he/she is authorized to My commission expires: May 8, 2011
Dated: Feb	Oystein Randeberg - 1 E E KURKA White, State of Texacterick B. Growcock Mark W. Sanders Threator mowledged the foregoing instrument to be a free authent. 25, 2009 Notary Public Signature of Witness: Print or Type Name: Signature of Witness:	Arme Asko- Arme Asko- Gabe Manescu 6th Inventor and deed and also represented that he/she is authorized to My commission expires: Nay 8, 2011 Arme Asko- 15th Inventor 15th Invento

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	1st Inventor Signature:	
Date	Print or Type Name:	Nils Kaageson-Loe
	2 nd Inventor Signature:	Trond Daatland
Date	Print or Type Name:	1101ki Daanana
Date	3 rd Inventor Signature:	Orratain Dandahara
Date	Print or Type Name:	
Date	4 th Inventor Signature: Print or Type Name:	Arne Acko
Date	5 th Inventor Signature: Print or Type Name:	Frederick B. Growcock
26 FB 200 Date	6th Inventor Signature: Print or Type Name:	Mark W Sanders
State of LX		
County of HC	appeared: Nils-Kaageson-Loe 1 Inventor JULIE E KÜRKA JULIE E KÜRKA JAN Lowenter JAN Commission Expires May 08, 2011 Mark W. Sarkers Theretor Wledged the foregoing instrument to be a free act and	Frond Daatland 2** Inventor Arme Aske 4** Inventor Grabe Manoscu 6** Inventor d deed and also represented that he/she is authorized to
County of HCX Before me personally	appeared: Nils-Kaageson-Loe 1st Inventor Distrib Randeberg JULIE E KURKA 3st Inventor Any Public, State Colored State Color	Arne Aske 4th Inventor Grabe Manescu 6th Inventor 8th Inventor
Before me personally Reach of whom acknow execute this Assignment Dated:	appeared: Nils Kaageson-Loe 1º Inventor Opstelin Randeberg JULIE E KURKA And Commission Explices May 08, 2011 What W. Sanders Wedged the foregoing instrument to be a free act and ent. 20, 2009 Notary Public	Arne Asko Arne Asko
Before me personally Reach of whom acknow execute this Assignment Dated:	appeared: Nils Kaageson-Loe 1º Inventor Systein Randeberg JULIE E KÜRKA And Commission Explicits May 08, 2011 What W. Sanders Threator whedged the foregoing instrument to be a free act and ent. 20, 2009 Notary Public Signature of Witness:	Arne Asko Arne Asko
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Before me personally Reach of whom acknown execute this Assignment Dated:	appeared: Nils Kaageson-Loe 1º Inventor Dystein Randeberg JULIE E KÜRKA 3º Inventor tary Public, Stain-Randeberg May 08, 2011 Mark W. Sanders Threator wledged the foregoing instrument to be a free act and ent. 2(0, 2009 Notary Public Signature of Witness: Print or Type Name: Signature of Witness:	Ame-Asko 4th Inventor Gabe-Manescu 6th Inventor dideed and also represented that he/she is authorized to the commission expires: May 8, 2011
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-		Date	Print or Type Name:	Mile Vocasson Toe
			2 nd Inventor Signature:	
-		Date	Print or Type Name:	Twond Dootland
			3 rd Inventor Signature:	
•		Date	Print or Type Name:	Oratain Dandahara
			4th Inventor Signature:	
•	***************************************	Date	Print or Type Name:	Arma Aska
			5 th Inventor Signature:	
	-,	Date	Print or Type Name:	Frederick B. Growcock
			6 th Inventor Signature:	
		/) Date	Print or Type Name:	Monte W. Condore
69	200'	948m	7th Inventor Signature:	C/Onn
ــِ¥ د ۴ :	1	Date		Gabe Mancscu
1	8.	State of		
-		County of		
	<u>ပ</u>	Before me personally appeared:	Nils Kaageson-Loe	Frond Daatland-
Œ		JULIE E KURKA	Pystein Randeberg	Arme Aske-
Settles	3	Notary Public, State of Texas My Commission Expires	P-TEGCRION D. GIGHTOUCK	Gabe Manescu
1111	2	May 08, 2011	5th Inventor Mark W. Sanders	6 th Inventor
· Company	E C	each of whom acknowledged the	7º Inventor	at the state of th
	2	execute this Assignment.		E. Kerta.
		Dated: March 9,5	Notary Public	My commission expires: May 8, 201
	li ij	l		
	S		Charles CMNV4	
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	Ĭ,	Date	Print or Type Name:	
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		When this Ass the followi	ignment is <u>not</u> filed concurrently ng identifying information may be	with the patent application, e added <u>after</u> execution:
			plication Serial No.:	12/363,493 January 30, 2009

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RECORDED: 04/10/2009