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	' 1 <u>.</u>	_	/-2006	SHEATP	Patent a	partment of C nd Trademark Docket No.:	
21	1/6			FEB 0 1	200c Attorney	Customer N	umber: 22,852
	Director of the U. record the attack		3174729	4	Mail Stop A	ssignment R	ecordation Services
1.	Names of conveyin	ng parties:		Serria Di	e and addre	ss of receiving	party(ies):
	(1) Gregory W. TOI (3) Chandini M. AM		ven J. FUNKE, chael P. WITHROW, and	Name:	Caterpillar Inc	i.	
	(5) Anil RAINA				·		
Addition	al name(s) of conve	ying party(ies) a	attached? ☐ Yes ⊠ No	Internal Address	:		
3.	Nature of conveyar	nce:		Street Address		Adams Street	
$\boxtimes$	Assignment	☐ Merg	er	City:	Peoria		
	Security Agreement	☐ Char	nge of Name	State:	Illinois	Zip Code:	61629-6490
	Other:			Addition	al nama(a) 8 Adde	coo(oo) ottook	2042
Execution			05, (2) December 20, 2005,	Addition	al name(s) & Addr		iea ?
		ember 20, 2005 January 4, 200	6, (4) September 30, 2005, 6		☐ Yes	No⊠	
4.			ımber(s): If this document is b	eing filed to	gether with a new	application, t	he execution date of
A.	Patent Application	Number(s):		B.	Patent Number(s	):	
	11/239,138						
		Addi	tional numbers attached?	☐ Yes	⊠ No		
5.	Name and address concerning docume			6.	Total number of a involved: one (		nd registrations
Name:	Dominic P. Cimine	ello		7.	Total fee (37 CFF	R 1.21(h) and	3.41): \$40
Internal		SAN, HENDERS NER, L.L.P.	SON, FARABOW, GARRETT		Enclosed (Pl deposit acco		any deficiency to our
Street A	ddress: 901 Nev	w York Avenue,	N.W.		Authorized t	o be charged	to deposit account
City:	Washingtor	<u> </u>		1		_	·
State:	D.C.	Zip:	20001-4413	8.	Deposit Account	No.: <u>06-0916</u>	
9.	Statement and sign	nature.	***************************************				
To the b		e and belief, the	foregoing information is true	and correct	t and any attached	copy is a true	e copy of the original
			$\Theta$ te	)/.	ac/He/Hobb JABOUL	February 1,	2006
	Dominic P. Ciminel	lo, Reg.#54,038	3 Signatu	ıre	<del>33 ft:8</del> Mei	Da	ate 40.00 ਜੁਸ
	Total number of pages including cover sheet, attachments and documents: 18						

01/2005

## **ASSIGNMENT**

	WHEREAS We, the below nan	ned inventors, [hereinafter referred :	to as Assignors), have rr	iade an invention
entitled:	•			

# REGENERATION STRATEGY

for which We executed an application	on for United States Letters	Patent herewith or filed an application for United States
Letters Patent on	(Serial No	(to be filled in by Applicant's representative
when known)); and		

WHEREAS, Caterplilar Inc., a corporation of Delaware, whose post office address is: 100 N.E. Adams Street, Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) In hand peid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and relissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF. We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR     Gregory Wayne TOMLINS	ASSIGNOR'S SIGNATURE, NEWY WALLEY	9/24/05
ADDRESS 1652 West Parkside Drive, Peoria, Illinois 6'	1606	CITIZENSHIP USA

Page 1 of 4

1. WITHESS NAME Robert ERindel Jr	WITNESS SIGNATURES Labert & Red Q	DATE 8/20/2005
ADDRESS 901 W. Washington St.	E. Pesri, IL 61630	CITIZENSHIP USA
2 WITNESS NAME Thomas J. Ambrosch	MITNESS SIGNATURE J Combrooch  T, Metamora II 61548	DATE 9/29/2005
ADDRESS 260 W. Forrest D	r, Metamora II 61548	CITIZENSHIP USA
	•	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Steven James FUNKE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7514 W. Thornridge Dr., Mapelton, Illinois 61	547	CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. PULL NAME OF THIRD ASSIGNOR, IF ANY Chandini Municatnam AMMINENI	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 5700 N. Cypress Dr., #4403, Peoria, Illin	nois 61815	CITIZENSHIP I Padia
1, WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADORESS		CITIZENSHIP
3. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Michael Paul WITHROW		
ADDRESS 6201 N. Heather Oak Dr., Peoria, Illinois	61615	CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DAYE
ADDRESS		CITIZENSHIP

1 :

Page 3 of 4

a, full name of fifth assignor, if any Anii RAINA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 13806 N. Wildflower Road, Chillicothe, Illinois	CITIZENSHIP India	
1, WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZZENGHIP	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-0000 Client Reference No. 04-465

# **ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## REGENERATION STRATEGY

for which We filed an application for United States Letters Patent on September 30, 2005, which was accorded Application No. 11/239,138; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is: 100 N.E. Adams Street,
Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in
and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on
this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all relsaues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reisaues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

2. FULL NAME OF FIRSY ABSIGNOR, IF ANY Steven James FUNKE	ASSIGNORS SIGNATURE	20 Dec 05
ADDRESS 7514 W. Thornridge Dr., Mapelton, Illinois 61	1547	CATIZENSHIP USA

Page 1 of 3

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-00000 Client Reference No. 04-465

	INTO PROPERTY AND	1
1. WITNESS NAME MICHAEL P. FLARESMENU	Misheel P. Harmon	20 DEC 2005
	I FILLWARD F. Stanmer	· · · · · · · · · · · · · · · · · · ·
ADDRESS 13547 N. LAKEWOOD DR. D		CITIZENSHIP
15547 IV. MAKEWOOD INC )	UNLAY, 4L COLDAD	<u> </u>
444		
2. WITNESS NAME	WITNESS SIGNATURE	DATE
CRAIM P. HITTLE	Costotiks	20 DEC 2005
ADDRESS	U	CITIZENSHIP
1700 W. HICKORY GROVE RD #3-	207 DUNLAP, IL 6/525	us
	,	
<u></u>		
3. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Chandini Muniratnam AMMINENI		
ADDRESS		CITIZENSHIP
5700 N. Cypress Dr., #4403, Peoria, Illinois	61615	India
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		·
1. WITNESS NAME	WITNESS SIGNATURE	DATE
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ADDRESS		CITIZENSHIP
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ADDRESŞ		CITIZENSHIP
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Anii RAINA	ASSIGNOR'S SIGNATURE	DATE
	ASSIGNOR'S SIGNATURE	. CITIZENSHIP
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Page 2 of 3

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-00000 Client Reference No. 04-465

1. WITNESS NAME	WITHERS SIGNATURE	DATE
ADDRESS		CATIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DAYE
ADDRESS		CITIZENSHIP

Page 3 of 3



# **ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

#### REGENERATION STRATEGY

for which We filed an application for United States Letters Patent on September 30, 2005, which was accorded Application No. 11/239,138; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is: 100 N.E. Adams Street, Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

2. FULL NAME OF FIRST ASSIGNOR, IF ANY Steven James FUNKE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP USA
7014 W. Michings Bri, Independing Marion Vivi		

Page 1 of 3

PATENT

REEL: 017530 FRAME: 0493

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1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADORESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
3. FULL NAME OF SECOND ASSIGNOR, IF ANY Chandini Municatham AMMINENI	ASSIGNOR'S SIGNATURE COMM MAN	DATE 12/20/2005
ADORESS		CMZENSHIP
5700 N. Cypress Dr., #4403, Peoda, Illinois	61615	INGIB
	^^	
1. WITNESS NAME JONATHAN J. CKAYSTON	WITNESS SIGNATURE Ways to	DATE 20 066 2005
ADDRESS 3 VICTORS COURT, SEA CLIFF AVE.	VV	CITIZENSHIP
<b>.</b>	ALEMAN, CHOICE OF THE OF THE OFFICE O	
INDIA 600 113		
B.V. S. HEMANTHA EUNAR	WITNESS SIGNATURE B. V.S. Hewarther terres	20 DEC 2005
ADDRESS ASSISTEMENTS 9/4, 2M		CITIZENGHP ALGUR
Adayan, Chemnai _20, I	ndia	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY AND RAINA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP India
13806 N. Wildflower Road, Chillicothe, Illino	S 61023	

Page 2 of 3

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350,4465-0000 Client Reference No. 04-465

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS .		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
2. WITNESS NAME ADDRESS		

Page 3 of 3

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-00000

# **ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## REGENERATION STRATEGY

for which We executed an application for	r United States Letters I	Patent herewith or filed an application	for United States
Letters Patent on	(Serial No.	(to be filled in by Applica	nt's representative
when known)); and			

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NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Full name of sole or first assignor     Gregory Wayne TOMLINS	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1652 West Parkside Drive, Peoria, Illinois 61	606	CITIZENSHIP USA

Page 1 of 4

		·············
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
FULL NAME OF SECOND ASSIGNOR, IF ANY     Steven James FUNKE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7514 W. Thornridge Dr., Mapelton, Illinois 61547		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Chandini Muniratnam AMMINENI	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
5700 N. Cypress Dr., #4403, Peoria, Illinois	61615	India
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
3. FULL NAME OF FOURTH ASSIGNOR, IF ANY Michael Paul WITHROW	ASSIGNOPES SIGNATURE WILLOW	DATE 9-30-2005
ADDRESS		CITIZENSHIP
6201 N. Heather Oak Dr., Peoria, Illinois 616	315	USA
1. WITNESS NAME BRIAN G MCGEL	WITNESS SIGNATURE  Brun O Mode	DATE 9/30/2005
1. WITNESS NAME  BRIAN G M'Ger Brun D Me Der  ADDRESS  3827 Rane West Rd		CITIZENSHIP USA
CHILLICOTHE, IL 61525		
2. WITNESS NAME James H Mutti	WITNESS SIGNATURE  James H. Muth	DATE 9/30/2405
ADDRESS 311 Circuit Ct.	4	CITIZENSHIP USA
East Reoria, IL 61611		

Page 3 of 4

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-00000

3. FULL NAME OF FIFTH ASSIGNOR, IF ANY Anil RAINA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
13806 N. Wildflower Road, Chillicothe, Illinoi	s_61523	India
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

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WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled;

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NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or destrable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and release applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

2, FULL NAME OF FIRST ASSIGNOR, IF ANY Steven James FUNKE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7514 W. Thornridge Dr., Mapelton, Illino	ois 61547	CITIZENSHIP USA

Page 1 of 3

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.4465-00000 Client Reference No. 04-465

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
	_	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
s. FULL NAME OF SECOND ASSIGNOR, IF ANY Chandini Munitatnam AMMINENI	ASSIGNOR'S SIGNATURE	DAYE
ADDRESS		CITIZENSHIP
5700 N. Cypress Dr., #4403, Peorla, Illinois	61615	India
4 MITTAILES MALIE	WITNESS SIGNATURE	DATE
1, WITNESS NAME	WITNESS SIGNATURE	DATE
1, WITNESS NAME ADDRESS	WITNESS SIGNATURE	DATE
	WITNESS SIGNATURE	
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	WITNESS SIGNATURE  WITNESS SIGNATURE	
ADDRESS		CITIZENSHIP
ADDRESS  2. WITNESS NAME		CITIZENSHIP
ADDRESS  2. WITNESS NAME		CITIZENSHIP
ADDRESS  2. WITNESS NAME		CITIZENSHIP  DATE  CITIZENSHIP
2. WITNESS NAME  ADDRESS  3. FULL NAME OF THIRD ASSIGNOR, IF ANY ANI RAINA ADDRESS	ASSIGNOR'S SIGNATURE	DATE CITIZENSHIP  DATE O1-1-1-1-1-2-066 CITIZENSHIP
2. WITNESS NAME  ADDRESS  3. FULL NAME OF THIRD ASSIGNOR, IF ANY ANII RAINA	ASSIGNOR'S SIGNATURE	DATE OUT AN - 2.006

Page 2 of 3

PATENT

REEL: 017530 FRAME: 0501

JOINT INVENTION (Worldwide Rights) Attorney Dacket No. 08350.4465-00000 Client Reference No. 04-465

1. WITNERS NAME Sean Cornell	WITNESS SIGNATURE CONN.	DATE 1/4/06
ROYII N. 2280 East Ro		CITIZENSHIP
Gridles IL 61744		
2 WITNESS NAME Rob Scherbinste	WITNESS SIGNATURE / LOCALIST	DATE 1/4/0G
2. WITNESS NAME Rob Scherbinsts ADDRESS 1700-W. Hickory Grove T	4	DATE 1/4/0G CITIZENSHIP GSA

Page 3 of 3



PATENT REEL: 017530 FRAME: 0502

**RECORDED: 02/01/2006**