

01-09-2006

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103152516

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103152516

1. Name of conveying parties:
(1) Peter Kelly SENECA
(2) Eric Douglas POMRANING
(3) Keith Jared RICHARDS
(4) Tianliang YANG

2. Name and address of receiving party:
Name: CATERPILLAR INC.

Additional name(s) of conveying party(ies) attached? Yes No

Internal Address:

3. Nature of conveyance:

Street Address: 100 N.E. Adams Street

Assignment Merger

City: Peoria

Security Agreement Change of Name

State: Illinois Zip Code: 61629-6490

Other:

Additional name(s) & Address(es) attached?

Execution Date:
(1) December 22, 2005
(2) December 22, 2005
(3) December 22, 2005
(4) December 22, 2005

Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:
(1) December 22, 2005
(2) December 22, 2005
(3) December 22, 2005
(4) December 22, 2005

B. Patent Application Number(s):
Additional numbers attached? Yes

C. Patent Number(s):
 No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and registrations involved:
one (1)

Name: Bruce C. Zotter

7. Total fee (37 CFR 3.41): \$40
 Enclosed (Please charge deficiency to deposit account)
 Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, N.W.

City: Washington

State: DC Zip: 20001-4413

8. Deposit Account No.: 06-0916

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce C. Zotter
Reg. No. 27,680

Signature

December 28, 2005
Date

Total number of pages including cover sheet, attachments and documents: 5

113262 U.S. PTO
11/31/05
122805

Attachment

Continuation of No. 2, Name and Address of additional receiving parties:

Name: CONVERGENT THINKING, LLC.

Street Address: 559 D'Onofrio Drive

City: Madison

State: Wisconsin

Zip: 53719

ASSIGNMENT

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

METHOD AND APPARATUS FOR AUTOMATED GRID FORMATION IN MULTI-CELL SYSTEM DYNAMICS MODELS

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on ___, 20___ (Serial No. _____); and


WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, IL 61629-6490 and Convergent Thinking, LLC, a corporation of Wisconsin whose post office address is 559 D'Onofrio Drive, Madison, Wisconsin 53719 (hereinafter referred to as Assignees), are jointly 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 to be jointly owned by each;

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 Assignees are hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. ___, filed ___ (if any), 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 Assignees, their 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 Assignees, their successors and assigns, any facts known to me/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 Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Peter Kelly SENECAI	ASSIGNOR'S SIGNATURE 	DATE 12-22-05
ADDRESS 4700 Plainfield Court, Middleton, Wisconsin 53562		CITIZENSHIP CANADA

Listing of Inventors Continued on Page 2 hereof Yes No


1. WITNESS NAME MEIZHONG DAI	WITNESS SIGNATURE <i>Meizhong Dai</i>	DATE 12-22-05
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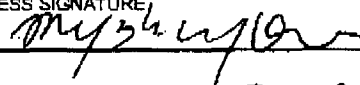
2. WITNESS NAME Daniel Probst	WITNESS SIGNATURE <i>Daniel Probst</i>	DATE 12-22-05
ADDRESS 1817 E. Main St, Madison, WI 53704		CITIZENSHIP USA


2. FULL NAME OF SECOND ASSIGNOR, IF ANY Eric Douglas POMRANING	ASSIGNOR'S SIGNATURE <i>Eric Douglas Pomraning</i>	DATE 12-22-05
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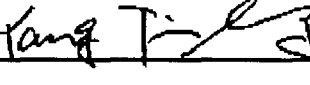
1. WITNESS NAME MEIZHONG DAI	WITNESS SIGNATURE <i>Meizhong Dai</i>	DATE 12-22-05
ADDRESS 1438 Starr Grass Dr. MADISON, WI, 53719		CITIZENSHIP P.R. CHINA

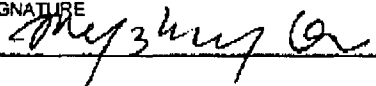
2. WITNESS NAME Daniel Probst	WITNESS SIGNATURE <i>Daniel Probst</i>	DATE 12-22-05
ADDRESS 1817 E. Main St. Madison, WI 53704		CITIZENSHIP USA

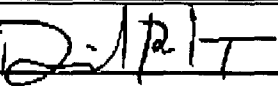
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Keith Jared RICHARDS	ASSIGNOR'S SIGNATURE 	DATE 12-22-05
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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Tianliang YANG	ASSIGNOR'S SIGNATURE 	DATE 12-22-05
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