

05-19-2008



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

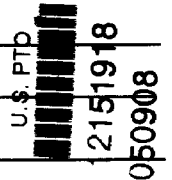
5-9-08

1. Name of conveying party(ies)
 John M. Spangler
 Mark E. Dietz

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

2. Name and address of receiving party(ies)
 Name: Caterpillar Inc.
 Internal Address: _____
 Street Address: 100 NE Adams Street
 City: Peoria
 State: Illinois
 Country: US Zip: 61629

Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 05-02-08; 04-17-08

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s) _____
 B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Michael B. McNeil
 Internal Address: _____
 Street Address: 511 S. Madison Street
 P.O. Box 2417
 City: Bloomington
 State: Indiana Zip: 47402
 Phone Number: 812-333-5355
 Fax Number: 812-333-3173
 Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 500226
05/16/2008 DBTRME 00000029 12151918
 Authorized User Name Michael B. McNeil

9. Signature: Kelly J. Smith 5/09/2008
 Signature Date

Kelly J. Smith
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

07-1199

ASSIGNMENT

WHEREAS, John M. Spangler, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR along with Mark E. Dietz has invented a new and useful

MODULAR MANUFACTURING CHAIN INCLUDING A VERTICAL LIFT DEVICE AND METHOD OF OPERATION THEREFOR

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on 5/2/08; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

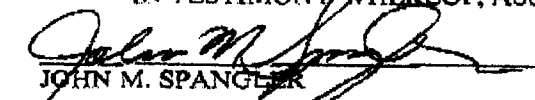
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

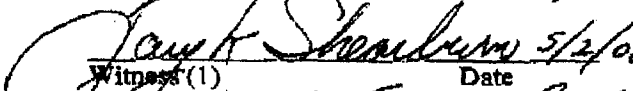
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

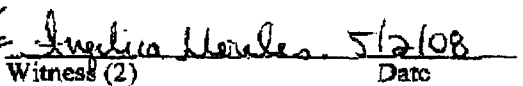
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.


JOHN M. SPANGLER

5/2/08
Date

IN WITNESS OF the execution hereof by JOHN M. SPANGLER we have hereunto set our hands.


Witness (1) 5/2/08
Date
Address: 16282 Furrow Road
Peoria, IL 61554


Witness (2) 5/2/08
Date
Address: 7321 N. Villa Lake Dr #3
Peoria, IL 61614

ASSIGNMENT

WHEREAS, Mark E. Dietz, residing at Hanna City, Illinois, hereinafter referred to as ASSIGNOR along with John M. Spangler has invented a new and useful

MODULAR MANUFACTURING CHAIN INCLUDING A VERTICAL LIFT DEVICE AND METHOD OF OPERATION THEREFOR

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on 4/17/08; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Mark E. Dietz
MARK E. DIETZ

4-17-2008
Date

IN WITNESS OF the execution hereof by MARK E. DIETZ we have hereunto set our hands.

[Signature] 4/17/08
Witness (1) Date
Address: 105 SHENAW DR APT A
East Peoria, IL 61611

[Signature] 4/17/2008
Witness (2) Date
Address: 11720 W Rt 150
Brimfield, IL 61517