

05-16-2008



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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.

1. Name of conveying party(ies)

John M. Spangler
Mark E. Dietz

Additional name(s) of conveying party(ies) 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 _____

2. Name and address of receiving party(ies)

Name: Caterpillar Inc.

Internal Address: _____

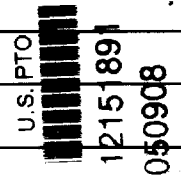
Street Address: 100 NE Adams Street

City: Peoria

State: Illinois

Country: US Zip: 61629

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



4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

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

Authorized by Michael B. McNeil
U.S. PTO Form 12151891 050908

81 FC-0021

9. Signature:

Kelly J. Smith
Signature

5/09/2008
Date

40.00

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

07-1198

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 POSITION TRACKING 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
JOHN M. SPANGLER

5/2/08
Date

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

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

Stephen Moulder 5/2/08
Witness (2) Date
Address: 7321 N. Villalake 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 POSITION TRACKING 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.

Robyn S. [Signature] 4/17/08
Witness (1) Date
Address: 105 S. SHORE DR APT A
EAST PEORIA, IL 61611

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