

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas Koch</td> <td>06/27/2012</td> </tr> <tr> <td>Justin Floro</td> <td>06/27/2012</td> </tr> <tr> <td>Michael James Gross</td> <td>06/25/2012</td> </tr> <tr> <td>Kevin Meyer</td> <td>06/26/2012</td> </tr> <tr> <td>Kevin Knox</td> <td>07/02/2012</td> </tr> <tr> <td>James Rice</td> <td>06/29/2012</td> </tr> <tr> <td>James Elmer Winzeler</td> <td>06/28/2012</td> </tr> <tr> <td>Peter Hodges</td> <td>06/26/2012</td> </tr> <tr> <td>Perry Cruce</td> <td>06/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Koch	06/27/2012	Justin Floro	06/27/2012	Michael James Gross	06/25/2012	Kevin Meyer	06/26/2012	Kevin Knox	07/02/2012	James Rice	06/29/2012	James Elmer Winzeler	06/28/2012	Peter Hodges	06/26/2012	Perry Cruce	06/25/2012
Name	Execution Date																				
Thomas Koch	06/27/2012																				
Justin Floro	06/27/2012																				
Michael James Gross	06/25/2012																				
Kevin Meyer	06/26/2012																				
Kevin Knox	07/02/2012																				
James Rice	06/29/2012																				
James Elmer Winzeler	06/28/2012																				
Peter Hodges	06/26/2012																				
Perry Cruce	06/25/2012																				
RECEIVING PARTY DATA																					
<table border="1"> <tr> <td>Name:</td> <td>Caterpillar, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 North East Adams</td> </tr> <tr> <td>City:</td> <td>Peoria</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61629</td> </tr> </table>		Name:	Caterpillar, Inc.	Street Address:	100 North East Adams	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629										
Name:	Caterpillar, Inc.																				
Street Address:	100 North East Adams																				
City:	Peoria																				
State/Country:	ILLINOIS																				
Postal Code:	61629																				
PROPERTY NUMBERS Total: 1																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13540350</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13540350																
Property Type	Number																				
Application Number:	13540350																				
CORRESPONDENCE DATA																					
<p>Fax Number:</p> <p>Email: jdevries@millermatthiashull.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Miller, Matthias & Hull LLP</p> <p>Address Line 1: One North Franklin</p> <p>Address Line 2: Suite 2350</p> <p>Address Line 4: Chicago, ILLINOIS 60606</p>																					

OP \$40.00 13540350

ATTORNEY DOCKET NUMBER:	50100/11-1198
NAME OF SUBMITTER:	Thomas A. Miller
<p>Total Attachments: 10</p> <p>source=1198assnmnt#page1.tif</p> <p>source=1198assnmnt#page2.tif</p> <p>source=1198assnmnt#page3.tif</p> <p>source=1198assnmnt#page4.tif</p> <p>source=1198assnmnt#page5.tif</p> <p>source=1198assnmnt#page6.tif</p> <p>source=1198assnmnt#page7.tif</p> <p>source=1198assnmnt#page8.tif</p> <p>source=1198assnmnt#page9.tif</p> <p>source=1198assnmnt#page10.tif</p>	

ASSIGNMENT

WHEREAS WE, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

CONFIGURATION FOR COMPACT FIVE SPEED PLANETARY TRANSMISSION

for which we will or have filed a patent application; and

WHEREAS, Caterpillar, Inc., a corporation of Delaware whose post office address is 100 North East Adams, Peoria, Illinois 61629 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;


NOW THEREFORE, be it known that for 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 patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and we hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents 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 any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

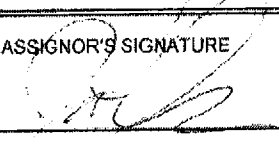
AND, WE HEREBY authorize the attorneys/representatives that we have empowered to prosecute this application filed herewith.

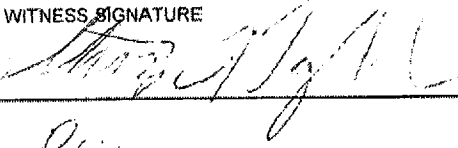
IN TESTIMONY WHEREOF, We have hereunto set our hands.

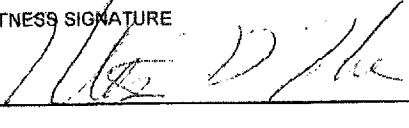
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Thomas Koch	ASSIGNOR'S SIGNATURE 	DATE 6/27/2012
ADDRESS 327 E. Calle Nacrita Green Valley, Arizona 85614		CITIZENSHIP US


1. WITNESS NAME Daniel Lee Olson Jr.	WITNESS SIGNATURE 	DATE 6/27/2012
ADDRESS 14410 S. Camino El Galero Sahuarita AZ 85629		CITIZENSHIP USA

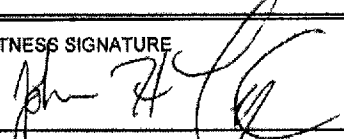
2. WITNESS NAME Lyle Rasmussen	WITNESS SIGNATURE 	DATE 6/27/12
ADDRESS 901 W. Via de Guila Sahuarita, AZ 85629		CITIZENSHIP US


2. FULL NAME OF SOLE OR FIRST ASSIGNOR Justin Floro	ASSIGNOR'S SIGNATURE 	DATE 6/27/2012
ADDRESS 901 W. Washington Street East Peoria, Illinois 61630		CITIZENSHIP US


1. WITNESS NAME Stephen J. Taylor	WITNESS SIGNATURE 	DATE 6/27/12
ADDRESS 4623 S Lake Carroll Dr. Macombton, IL 61547		CITIZENSHIP U.S.


2. WITNESS NAME MATTHEW D. MAGDOLE	WITNESS SIGNATURE 	DATE 6/27/12
ADDRESS 2547 W. US HWY RD USCE Tomball, IL 61465		CITIZENSHIP U.S.

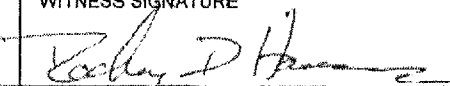
3. FULL NAME OF SOLE OR FIRST ASSIGNOR <i>James</i> Michael Gross	ASSIGNOR'S SIGNATURE 	DATE 6-25-12.
ADDRESS 7400 N. Villa Lake Drive, Apt. J1 Peoria, Illinois 61614		CITIZENSHIP US

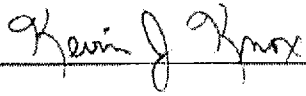
1. WITNESS NAME John H. Taylor	WITNESS SIGNATURE 	DATE 6-25-12
ADDRESS 751 W. Joan Ct. Peoria, IL 61614 APT 207		CITIZENSHIP US


2. WITNESS NAME JASON E. CARTER	WITNESS SIGNATURE 	DATE 6/25/2012
ADDRESS 22243 JAWLANE WILSON IL 61550		CITIZENSHIP USA

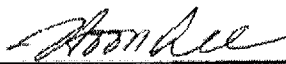
4. FULL NAME OF SOLE OR FIRST ASSIGNOR Kevin Meyer	ASSIGNOR'S SIGNATURE 	DATE 6/26/12
ADDRESS 404 Windsor Drive		CITIZENSHIP US
Germantown Hills, Illinois 61548		

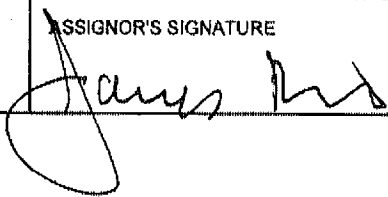
1. WITNESS NAME Michael W Krause	WITNESS SIGNATURE 	DATE 6/26/12
ADDRESS 13521 Winfield Drive		CITIZENSHIP US
Manito, Illinois 61546		

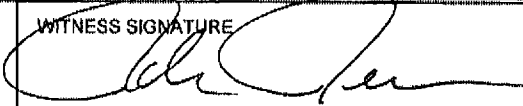
2. WITNESS NAME Rodney D Harms	WITNESS SIGNATURE 	DATE 6/26/12
ADDRESS 3318 S Hillon Ln		CITIZENSHIP US
Bartonville IL 61607		

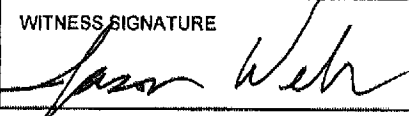
5. FULL NAME OF SOLE OR FIRST ASSIGNOR Kevin Knox	ASSIGNOR'S SIGNATURE 	DATE 2 July 2012
ADDRESS 1734 W. Marlene Court		CITIZENSHIP US
Peoria, Illinois 61614		

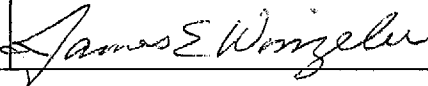
1. WITNESS NAME DHANASHEKAR ARCOT	WITNESS SIGNATURE 	DATE 07/02/2012
ADDRESS 935 W LOIRE CT, APT 702, PEORIA, IL 61614		CITIZENSHIP INDIA

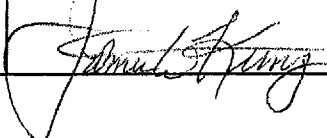
2. WITNESS NAME Hoon Lee	WITNESS SIGNATURE 	DATE 7/2/2012
ADDRESS 2721 W Stonehenge Ct, Peoria, IL 61615		CITIZENSHIP KOREA (South)

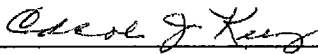
8. FULL NAME OF SOLE OR FIRST ASSIGNOR James Rice	ASSIGNOR'S SIGNATURE 	DATE 6/29/12
ADDRESS 31628 Lakeland Road Deer Creek, Illinois 61733		CITIZENSHIP US

1. WITNESS NAME JOSHUA JENSEN	WITNESS SIGNATURE 	DATE 29 JUNE 2012
ADDRESS 1105 E. BROOKVIEW LN., PEOR		CITIZENSHIP
PEORIA, ILLINOIS 61615		US

2. WITNESS NAME Jason Weber	WITNESS SIGNATURE 	DATE 6/29/2012
ADDRESS 5434 W. Rachael Dr.		CITIZENSHIP
Peoria, Illinois 61615		US

7. FULL NAME OF SOLE OR FIRST ASSIGNOR James Elmer Winzeler	ASSIGNOR'S SIGNATURE 	DATE 28 June 2012
ADDRESS 221 Coventry Lane East Peoria, Illinois 61611		CITIZENSHIP US

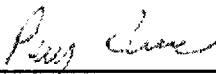
1. WITNESS NAME James D. Kunz	WITNESS SIGNATURE 	DATE 6/28/12
ADDRESS 224 COVENTRY LANE EAST PEORIA, ILLINOIS 61611		CITIZENSHIP USA


2. WITNESS NAME CAROL J. KUNZ	WITNESS SIGNATURE 	DATE 6/28/12
ADDRESS 224 COVENTRY LANE EAST PEORIA, ILLINOIS 61611		CITIZENSHIP USA

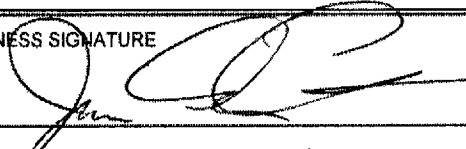
8. FULL NAME OF SOLE OR FIRST ASSIGNOR Peter Hodges	ASSIGNOR'S SIGNATURE <i>Peter H. Hodges</i>	DATE 6/26/2012
ADDRESS 10004 Brompton Court		CITIZENSHIP US
Peoria, Illinois 61615		

1. WITNESS NAME Jeffrey E. Jensen	WITNESS SIGNATURE <i>Jeffrey E. Jensen</i>	DATE 6/26/2012
ADDRESS 2400 W. Molly Ln		CITIZENSHIP USA
Dunlap, IL 61525		

2. WITNESS NAME Michael G. Cronin	WITNESS SIGNATURE <i>Michael G. Cronin</i>	DATE 26 Jun 2012
ADDRESS 5739 W. Martindale Lane		CITIZENSHIP USA
Peoria, IL 61615		

9. FULL NAME OF SOLE OR FIRST ASSIGNOR Perry Cruce	ASSIGNOR'S SIGNATURE 	DATE 6-25-12
ADDRESS 408 Kaskaskia Road		CITIZENSHIP US
Marquette Heights, Illinois 61554		

1. WITNESS NAME John H. Taylor	WITNESS SIGNATURE 	DATE 6-25-12
ADDRESS 751 W. Joan Ct. Peoria, IL APT #207		CITIZENSHIP US

2. WITNESS NAME JASON E. CARTER	WITNESS SIGNATURE 	DATE 6/25/2012
ADDRESS 22243 OAKLAND MORTON IL 61550		CITIZENSHIP USA