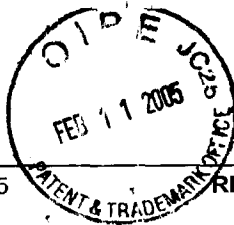


2-17-05



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FORM PTO-1595
1-31-92

RECORD/



102943429

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.3284
Attorney Customer Number: 22,852To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): Sang-Ha LEIGH Hyung K. YOON		2. Name and address of receiving party(ies): Name: Caterpillar Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 100 N.E. Adams Street	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Peoria	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 61629-6490
<input checked="" type="checkbox"/> Other: Corrective		Additional name(s) & Address(es) attached?	
Execution Date: June 9, 2004 June 3, 2004		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:			
A. Patent Application Number(s): 10/869,064		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and registrations involved: 1	
Name:		7. Total fee (37 CFR 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)	
Street Address: 1300 I Street, N.W.		<input type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State:	Zip: 20005-3315	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.			
02/15/2005 ECOOPER 00000215 10869064			
01 FC:802: 40.00 OP			
Darren M. Jiron, Reg. No. 45,777		Signature: Date: 2/11/05	
Total number of pages including cover sheet, attachments and documents: 5			

PATENT
REEL: 016255 FRAME: 0293

06-22-2004

FEB 11 2005

U.S. Department of Commerce

Patent and Trademark Office

Attorney Docket No. 08350.3284

Attorney Customer Number: 22,852

Mail Stop Assignment Recordation Services

To the Director of the U.S. Patent and
Please record the attached original document.

102773932

1. Name of conveying party(ies): Sang-Ha LEIGH Hyung K. YOON		2. Name and address of receiving party(ies): Name: Caterpillar Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 100 N.E. Adams Street	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Peoria	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 61629-6490
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached?	
Execution Date: June 3, 2004 June 9, 2004		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: June 3, 2004 and June 9, 2004			
A. Patent Application Number(s): 101869064		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and registrations involved: 1	
Name:		7. Total fee (37 CFR 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)	
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Darren M. Jiron Reg. No. 45,777		June 17, 2004	
Signature		Date	
Total number of pages including cover sheet, attachments and documents: 5			

06/21/2004 ZJUHR1 00000020 10869064

03 FC:8021

40.00 DP

ASSIGNMENT

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

COMPOSITE POWDER AND GALL-RESISTANT COATING

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on __, 2004 (Serial No. __); 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, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its 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 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, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Sang-Ha LEIGH	ASSIGNOR'S SIGNATURE 	DATE 6/9/2004
ADDRESS 13702 N. Dover Lane, Chillicothe, Illinois 61523		CITIZENSHIP Republic of Korea

Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME DANIEL S. RAUBE	WITNESS SIGNATURE <i>Daniel S. Raube</i>	DATE 6/9/04
ADDRESS 1194 RENTON PRIVE		CITIZENSHIP U.S.A.
EAST PEORIA, IL 61611		

2. WITNESS NAME JEFFREY J. GUTZWILLER	WITNESS SIGNATURE <i>Jeffrey J. Gutzwiller</i>	DATE 6/9/04
ADDRESS 2411 S. CAMERON LANE		CITIZENSHIP U.S.A.
PEORIA, IL 61607		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Hyung K. YOON	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 5519 N. Deerfield Court, Peoria Illinois 61615		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

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

COMPOSITE POWDER AND GALL-RESISTANT COATING

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on __, 2004 (Serial No. __); 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, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its 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 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.

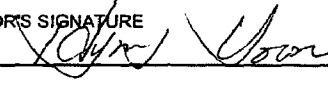
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

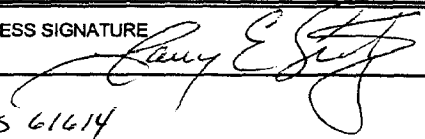
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Sang-Ha LEIGH	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 13702 N. Dover Lane, Chillicothe, Illinois 61523		CITIZENSHIP USA

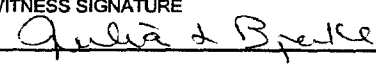
Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Hyung K. YOON	ASSIGNOR'S SIGNATURE 	DATE 6/3/2004
ADDRESS 5519 N. Deerfield Court, Peoria Illinois 61615		CITIZENSHIP USA

1. WITNESS NAME LARRY E SEITZMAN	WITNESS SIGNATURE 	DATE 6/3/2004
ADDRESS 5512 N SHERWOOD, PEORIA ILLINOIS 61614		CITIZENSHIP USA

2. WITNESS NAME JULIA L BJERRE	WITNESS SIGNATURE 	DATE 6/3/2004
ADDRESS 10808 W PAUL RD DUNLAP IL 61525		CITIZENSHIP USA