

04-03-2007



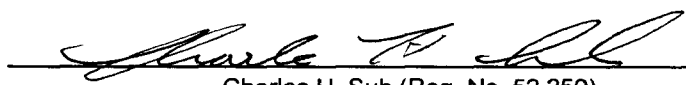
103390276

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09450.5722-00
Client Ref. No. 05-722

Mail Stop Assignment Recordation Services

To the Director of the U.S. Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): David C. Copley Benjamin M. Faber Scott D. Sommerfeldt 3-29-07		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"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:		
Execution Date:			
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): 11/646,417		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 patents involved: 1	
Name: Charles H. Suh		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		<input type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State: 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.			
Signed:  Charles H. Suh (Reg. No. 52,259)		3/29/07 Date	
Total number of pages including cover sheet, attachments and documents: 8			

12/2005

PATENT
REEL: 019114 FRAME: 0061

2. (Cont.) Name and address of receiving party(ies):

Name: Brigham Young University

Internal Address:

Street Address: University Hill

City: Provo

State:	UT	Zip Code:	84602
--------	----	-----------	-------

ASSIGNMENT

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

METHODS AND SYSTEMS FOR CONTROLLING NOISE CANCELLATION

for which I/We executed an application for United States Letters Patent on December 28, 2006; and

WHEREAS, Caterpillar Inc., a corporation of State of Delaware whose post office address is 100 N.E. Adams Street, Peoria, Illinois 61629-6490 and Brigham Young University, of the State of Utah whose post office address is University Hill, Provo, UT 84602 (hereinafter referred to as Assignees), are 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 Assignees 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 Assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention, 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 Assignees, their 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 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, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR David C. Copley	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6725 N. Parkwood Drive, Peoria, IL 61614		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 Benjamin M. Faber	ASSIGNOR'S SIGNATURE <i>Benjamin Faber</i>	DATE 7/27/2007
ADDRESS 3047 E. Canyon Crest Drive, Spanish Fork, UT 84660		CITIZENSHIP USA

1. WITNESS NAME <i>Alan K. Jenkins</i>	WITNESS SIGNATURE <i>Alan K. Jenkins</i>	DATE 3-27-2007
ADDRESS <i>931 E. 800 N.</i>		CITIZENSHIP USA
<i>Mapleton, Utah 84664</i>		

2. WITNESS NAME <i>Lori Jenkins</i>	WITNESS SIGNATURE <i>Lori Jenkins</i>	DATE 3-27-2007
ADDRESS <i>931 E. 800 N.</i>		CITIZENSHIP USA
<i>Mapleton, UT 84664</i>		

Listing of Inventors Continued on Page 3 hereof ☒ Yes ☐ No

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Scott D. Sommerfeldt	ASSIGNOR'S SIGNATURE <i>Scott Sommerfeldt</i>	DATE 3/27/2007
ADDRESS 975 East 800 North, Mapleton, UT 84664		CITIZENSHIP USA

1. WITNESS NAME Lori Jenkins	WITNESS SIGNATURE <i>Lori Jenkins</i>	DATE 3/27/2007
ADDRESS 931 E. 800 North, Mapleton, UT 84664		CITIZENSHIP USA

2. WITNESS NAME ALAN K. Jenkins	WITNESS SIGNATURE <i>Alan K. Jenkins</i>	DATE 3-27-2007
ADDRESS 931 E. 800 N. mapleton, Utah 84664		CITIZENSHIP USA

Listing of Inventors Continued on Page 4 hereof ☐ Yes ☒ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 09450.5722-00
Client Ref. No. 05-722

ASSIGNMENT

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

METHODS AND SYSTEMS FOR CONTROLLING NOISE CANCELLATION

for which I/We executed an application for United States Letters Patent on December 28, 2006; and


WHEREAS, Caterpillar Inc., a corporation of State of Delaware whose post office address is 100 N.E. Adams Street, Peoria, Illinois 61629-6490 and Brigham Young University, of the State of Utah whose post office address is University Hill, Provo, UT 84602 (hereinafter referred to as Assignees), are 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 Assignees 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 Assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention, 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 Assignees, their 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 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, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR David C. Copley	ASSIGNOR'S SIGNATURE 	DATE 27 March 2007
ADDRESS 6725 N. Parkwood Drive, Peoria, IL 61614		CITIZENSHIP USA

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

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 09450.5722-00
Client Ref. No. 05-722

1. WITNESS NAME Michelle Lee	WITNESS SIGNATURE Michelle Lee	DATE 27 Mar 2007
ADDRESS 326 W. Hallock Hollow Rd. Edelstein, IL 61526		CITIZENSHIP USA

2. WITNESS NAME Dwight Elliott	WITNESS SIGNATURE Dwight Elliott	DATE 3-27-07
ADDRESS 11922 N. RIVERVIEW RD. CHICAGO, IL 61523		CITIZENSHIP USA

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Benjamin M. Faber	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3047 E. Canyon Crest Drive, Spanish Fork, UT 84660		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Inventors Continued on Page 3 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 09450.5722-00
Client Ref. No. 05-722

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Scott D. Sommerfeldt	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 975 East 800 North, Mapleton, UT 84664		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Inventors Continued on Page 4 hereof ☐ Yes ☒ No