

U.S. PTO
12/081643
04/18/2008

04-29-2008



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.0030-0000
Client Ref. No. 07-1065

To the Director of the U.S. Patent and Trademark Office
Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Service

103499643

4-18-08

1. Name of conveying party(ies): 1. Jayaraman Krishnapura VENKATARAGHAVAN 2. Shriprasad Gaurishankar LAKHAPATI 3. Stephen Robert LEWIS 4. Avinash Reddy MANUBOLU	2. Name and address of receiving party(ies): Name: Caterpillar Inc.
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
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3. Nature of conveyance:	Street Address: 100 N.E. Adams Street
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<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


<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:	
Execution Date: 1.) April 10, 2008 2.) April 10, 2008 3.) April 10, 2008 4.) April 10, 2008		

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: 1.) March 31, 2008 2.) March 31, 2008 3.) April 1, 2008 4.) March 31, 2008	
A. Patent Application Number(s):	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: Christopher P. Isaac, Esq. (202) 408-4000	7. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) <input type="checkbox"/> Authorized to be charged to deposit account
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	
Street Address: 901 New York Avenue, N.W.	
City: Washington	
State: D.C. 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:  Roland G. McAndrews, Reg. No. 41,450

Date: April 18, 2008

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Total number of pages including cover sheet, attachments and documents: 4

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U.S. PTO
12/081643
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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.0030-0000
Client Ref. No. 07-1065

ASSIGNMENT

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

MOTION COUPLER FOR A PIEZOELECTRIC ACTUATOR

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent herewith; and


WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams St., Peoria, Illinois 61629 (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 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 Jayaraman Krishnapura VENKATARAGHAVAN	ASSIGNOR'S SIGNATURE 	DATE 4/10/2008
ADDRESS 11101 N. Serene Blvd., Dunlap, IL 61525		CITIZENSHIP INDIA


1. WITNESS NAME Chris Hanson	WITNESS SIGNATURE <i>Chris Hanson</i>	DATE 4-10-08
ADDRESS 1408 Oak Ridge Washington IL 61571		CITIZENSHIP USA


2. WITNESS NAME Marianne Payne	WITNESS SIGNATURE <i>Marianne Payne</i>	DATE 4-10-08
ADDRESS 2223 W Willow Knolls Rd #204 Peoria, IL 61614		CITIZENSHIP USA

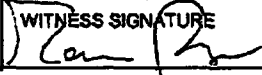
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Shriprasad Gaurishankar LAKHAPATI	ASSIGNOR'S SIGNATURE <i>Shriprasad Gaurishankar</i>	DATE 10 April 2008
ADDRESS 1701 W. Cherry Bud Drive, Apt. 6304, Peoria, IL 61615		CITIZENSHIP INDIA


1. WITNESS NAME Chris Hanson	WITNESS SIGNATURE <i>Chris Hanson</i>	DATE 4-10-2008
ADDRESS 1408 Oak Ridge, Washington IL 61571		CITIZENSHIP USA


2. WITNESS NAME Marianne Payne	WITNESS SIGNATURE <i>Marianne Payne</i>	DATE 4-10-2004
ADDRESS 2223 W Willow Knolls Rd #204 Peoria, IL 61614		CITIZENSHIP USA


3. FULL NAME OF THIRD ASSIGNOR, IF ANY Stephen Robert LEWIS	ASSIGNOR'S SIGNATURE 	DATE 4-10-2008
ADDRESS 225 White Clover Drive, Chillicothe, IL 61523		CITIZENSHIP USA

1. WITNESS NAME Chris Hanson	WITNESS SIGNATURE 	DATE 4-10-2008
ADDRESS 1408 Oak Ridge Washington IL 61571		CITIZENSHIP USA

2. WITNESS NAME Marionne Payne	WITNESS SIGNATURE 	DATE 4-10-2008
ADDRESS 2223 W Willow Knolls Rd #204 Peoria, IL 61614		CITIZENSHIP USA

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Avinash Reddy MANUBOLU	ASSIGNOR'S SIGNATURE 	DATE 04/10/08
ADDRESS 6418 W. Sommer Place, Edwards, IL 61528		CITIZENSHIP INDIA

1. WITNESS NAME Chris Hanson	WITNESS SIGNATURE 	DATE 4-10-08
ADDRESS 1408 Oak Ridge Washington IL 61571		CITIZENSHIP USA

2. WITNESS NAME Marionne Payne	WITNESS SIGNATURE 	DATE 4-10-08
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