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<p>1. A. Name of conveying party: Senthilkumar VIJAYAKUMAR</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. A. Name and address of receiving party: TATA CONSULTANCY SERVICES LIMITED NIRMAL BUIDLING, 9TH FLOOR NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA</p> <p>B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. A. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>B. Execution Date: <u>September 19, 2011</u></p>	

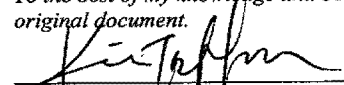
4. A. Patent Application No. 13/236,044 B. Patent No(s)

Additional numbers attached? Yes No

C. Title of Application: PROCESS OF GENERATING POWER FROM HARD DISK VIBRATION IN DATA CENTERS

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James A. Oliff</u></p> <p>Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u>.</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>
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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.


James A. Oliff, Registration No. 27,075
Tommy T. Kim, Registration No. L0543

Date: September 29, 2011

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ASSIGNMENT

WHEREAS, ASSIGNOR, comprising of the following named inventor: Senthikumar Vijayakumar has invented, conceived, reduced to practice, invention for "Process of Generating Power from Hard Disk Vibration in Data Centers" (hereinafter the "Invention"), for _____ Patent Application No. _____ was filed on _____ hereinafter the "Application"); and

WHEREAS, ASSIGNEE, Tata Consultancy Services Limited, an Indian Company, having a principal place of business at Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India is desirous of acquiring the entire right, title and interest in, to an under the Invention, application and patents to be obtained thereon;

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR does hereby sell, assign and transfer and set over to ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest throughout the world, in the Invention including, but not limited to, any patent rights, and any patent application(s), claiming priority thereto, that have been or may hereafter be filed;

ASSIGNOR, does hereby covenant that no assignment, sale, agreement, charge or other encumbrance, has been, or will be, entered into which would conflict with this assignment;

ASSIGNOR, does hereby covenant and agree to provide any tangible property embodying or describing the invention, including, without limitation, all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon request;

ASSIGNOR, does hereby covenant and agree to do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns obtain and enforce proper patent protection for the invention in all countries including assisting with the preparation of any application relating to the invention;

ASSIGNOR, does hereby covenant and agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein;

ASSIGNOR does hereby release and forever discharge ASSIGNEE from any and all claims, including but not limited to debts, liabilities, damages and causes of action of whatsoever kind or nature relating to the Invention, whether or not known, suspected and unsuspected, including any and all previous agreements entered into, which now exist, or may have existed prior to the date of this assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20__.

Signature: _____

Name: Senthikumar Vijayakumar