

PATENT ASSIGNMENT

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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>Mamadou KONE</td> <td>09/16/2009</td> </tr> <tr> <td>Ming-Hung TAO</td> <td>09/18/2009</td> </tr> <tr> <td>Ying-Chuan HSIAO</td> <td>09/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mamadou KONE	09/16/2009	Ming-Hung TAO	09/18/2009	Ying-Chuan HSIAO	09/18/2009
Name	Execution Date								
Mamadou KONE	09/16/2009								
Ming-Hung TAO	09/18/2009								
Ying-Chuan HSIAO	09/18/2009								
RECEIVING PARTY DATA									
Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE								
Street Address:	No. 195, Sec. 4, Chung Hsing Rd., Chutung								
City:	Hsinchu								
State/Country:	TAIWAN								
Postal Code:	31040								
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>12500651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12500651				
Property Type	Number								
Application Number:	12500651								
CORRESPONDENCE DATA									
Fax Number:	(202)408-4400								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20001-4413								
ATTORNEY DOCKET NUMBER:	06720.0236								
NAME OF SUBMITTER:	Renee Moore								

Total Attachments: 2
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**PATENT
 REEL: 023278 FRAME: 0512**


OP \$40.00 12500651

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 06720.0236

**To 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 parties: Mamadou KONE Ming-Hung TAO Ying-Chuan HSIAO		2. Name and address of receiving party: Name: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	
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: No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan, R.O.C.	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City:	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State:	Zip Code:
<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: KONE 09/16/2009 TAO 09/18/2009 HSIAO 09/18/2009			
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): 12/500,651		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: Richard V. Burgujian (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, D.C.			
State:	Zip: 20001-4413	8. Deposit Account No.: <u>06-0916</u>	
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: 		September 24, 2009	
Richard V. Burgujian, Reg. No. 31,744		Date	
Total number of pages including cover sheet, attachments and documents: 2			

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

METHOD AND APPARATUS FOR A DEVICE POWER SAVINGS CLASS

for which We filed an application for United States Letters Patent on July 10, 2009 (Application No. 12/500,651); and


WHEREAS, **Industrial Technology Research Institute**, a corporation of R.O.C. whose post office address is No. 195, Sec. 4, Chung Hsing Road, Chutung, Hsinchu, 31040 Taiwan R.O.C., (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 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, provisional Application No. 61/079,970, filed July 11, 2008, 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 applications, 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 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, 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 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, We have hereunto set our hands.

<u>Mamadou KONE</u>	<u>Mamadou KONE</u> 	<u>2009-09-16</u>
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
<u>Ming-Hung TAO</u>	<u>Ming-Hung Tao</u>	<u>2009.09.18</u>
FULL NAME OF SECOND INVENTOR	INVENTOR'S SIGNATURE	DATE
<u>Ying-Chuan HSIAO</u>	<u>Ying-Chuan Hsiao</u>	<u>2009.9.18</u>
FULL NAME OF THIRD INVENTOR	INVENTOR'S SIGNATURE	DATE