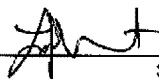


RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket No.: <u>7482P049</u>
To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies): Phoi Chin GOH and Kui YAO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Agency for Science, Technology and Research</u> Internal Address: _____ Street Address: <u>1 Fusionopolis Way, #20-10 Connexis</u> City: <u>Singapore</u> State: _____ Country: <u>SINGAPORE</u> Zip: <u>138632</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>July 29, 2011 and July 30, 2011</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		
3A. Combined Assignment and Declaration/Oath <input type="checkbox"/> Assignment is submitted for a dual purpose: (1) recording in the assignment database and (2) for use as an oath and declaration.		
4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> A. Patent Application No.(s) <u>13/698,989</u> </div> <div style="width: 45%;"> B. Patent No.(s) </div> </div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> City: <u>Sunnyvale</u> State: <u>California</u> Zip Code: <u>94085</u> Phone Number: <u>408-720-8300</u> Fax Number: <u>408-720-8383</u> Email Address: <u>mail@bstz.com</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
8. Payment Information Deposit Account Number <u>02-2666</u> Authorized User Name _____		
9. Signature: <u></u> <u>November 26, 2012</u> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Signature <u>Lester J. Vincent, Reg. No. 31,460</u> Name of Person Signing </div> <div style="width: 45%;"> Date Total number of pages including cover sheet, attachments, and documents: 3 </div> </div>		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, Virginia 22313-1450

Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/12/2012.

ASSIGNMENT

WHEREAS, GOH Phoi Chin, a citizen of Malaysia
of c/o Institute of Materials Research and Engineering, 3 Research Link, Singapore 117602,
YAO Kui, a citizen of China
of c/o Institute of Materials Research and Engineering, 3 Research Link, Singapore 117602
(hereinafter referred to as 'ASSIGNORS') have invented an improvement in METHOD FOR
PREPARING A LEAD-FREE PIEZOELECTRIC THIN FILM (file FP5477) and have executed
a PCT application based thereon filed 20 May 2011 under application number
PCT/SG2011/000190;

AND, WHEREAS, Agency for Science, Technology and Research, a body corporate with
perpetual succession and a common seal in accordance with the Agency for Science,
Technology and Research Act (Chapter 5A)
of 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632
(hereinafter referred to as ASSIGNEE) is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one Singapore dollar and other good and valuable consideration,
receipt of all of which is hereby acknowledged, ASSIGNORS have agreed to and do hereby
sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and
throughout the United States of America (including its territories and dependencies) and all
countries foreign thereto in and to said invention, said PCT application, any United States
applications (including provisional, non-provisional, divisional, continuing, or reissue
applications) based in whole or in part on said PCT application or in whole or in part on said
invention, any foreign applications based in whole or in part on said PCT application or in
whole or in part on said invention, including the right to claim priority therefrom, and any right
to priority claimed in said PCT application, and any and all patents (including extensions
thereof) of any country which have been or may be granted on any of the aforesaid
applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and
entirely as the same would have been held and enjoyed by ASSIGNORS had no sale and
assignment of said interest been made;

AND ASSIGNORS hereby authorize and request the Commissioner of Patents of the United
States of America to issue any and all United States patents which may be granted upon any
United States patent applications based in whole or in part on the aforesaid PCT application,
or upon said invention or any part thereof, to said ASSIGNEE;

AND ASSIGNORS hereby jointly and severally agree for themselves and for their respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND ASSIGNORS hereby jointly and severally covenant for themselves and their respective legal representatives that no right or license has been granted to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this agreement the right, title and interest in said invention had not been otherwise encumbered, and that no instrument will be executed in conflict herewith.

IN WITNESSETH thereof this agreement has been executed by ASSIGNORS and duly authorized representatives of ASSIGNEE.



Name: GOH Phoi Chin
Date: 29/7/2011



Witness: HUANG LIXIA ALICIA

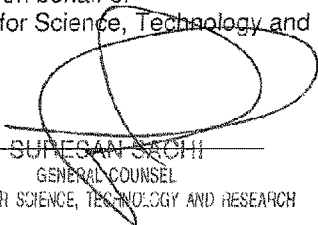


Name: YAO Kui
Date: 30/07/2011

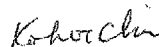


Witness: SARAVANAN SHANMUGAVEL

For and on behalf of
Agency for Science, Technology and Research



Name: SUPESAN SACHII
Position: GENERAL COUNSEL
Agency for Science, Technology and Research
Date: 16 August 2011



Witness: CECILIA KOH