

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>James W. ADKISSON</td> <td>12/09/2011</td> </tr> <tr> <td>Panglijen CANDRA</td> <td>12/06/2011</td> </tr> <tr> <td>Thomas J. DUNBAR</td> <td>12/06/2011</td> </tr> <tr> <td>Jeffrey P. GAMBINO</td> <td>12/06/2011</td> </tr> <tr> <td>Mark D. JAFFE</td> <td>12/06/2011</td> </tr> <tr> <td>Anthony K. STAMPER</td> <td>12/06/2011</td> </tr> <tr> <td>Randy L. WOLF</td> <td>12/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	James W. ADKISSON	12/09/2011	Panglijen CANDRA	12/06/2011	Thomas J. DUNBAR	12/06/2011	Jeffrey P. GAMBINO	12/06/2011	Mark D. JAFFE	12/06/2011	Anthony K. STAMPER	12/06/2011	Randy L. WOLF	12/06/2011
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RECEIVING PARTY DATA																	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION																
Street Address:	New Orchard Road																
City:	Armonk																
State/Country:	NEW YORK																
Postal Code:	10504																
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>13323285</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13323285												
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Application Number:	13323285																
CORRESPONDENCE DATA																	
Fax Number:	(703)848-2981																
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PATENT
REEL: 027365 FRAME: 0901

NAME OF SUBMITTER:

Andrew M. Calderon

Total Attachments: 4

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ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention:

LOADING ELEMENT OF A FILM BULK ACOUSTIC RESONATOR

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 13/323,285 (insert series code and serial number here if/when available)

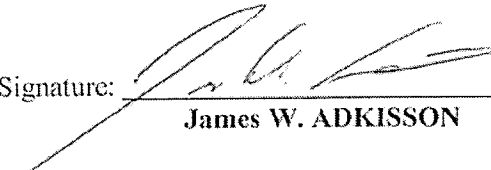
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[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature:  Date: December 9, 2011
James W. ADKISSON


Executed by Inventor 2

Signature:  Date: Dec 6, 2011
Panglijen CANDRA

Executed by Inventor 3

Signature: _____ Date: _____
Thomas J. DUNBAR

Executed by Inventor 4

Signature:  Date: Dec 6, 2011
Jeffrey P. GAMBINO

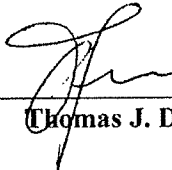
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Signature: _____ Date: _____
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Panglijen CANDRA

Executed by Inventor 3

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Thomas J. DUNBAR

Executed by Inventor 4

Signature: _____ Date: _____
Jeffrey P. GAMBINO

Executed by Inventor 5

Signature: Mark D. Jaffe Date: 12/6/11
Mark D. JAFFE

Executed by Inventor 6

Signature: Anthony K. Stamber Date: 12/6/2011
Anthony K. STAMPER

Executed by Inventor 7

Signature: Randy L. Wolf Date: 12/6/2011
Randy L. WOLF