

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Farrokh Ayazi	07/31/2009
Ashwin Samarao	07/31/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Georgia Tech Research Corporation
<b>Street Address:</b>	505 Tenth Street, NW
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30332-0415
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12534401
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5646-214
<b>NAME OF SUBMITTER:</b>	Candi L. Riggs
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

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**PATENT**  
**REEL: 023041 FRAME: 0874**

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Farrokh Ayazi**, citizen of United States, residing at 415 Armour Drive NE, Apt. 1417, Atlanta, Georgia 30324; and **Ashwin Samaroo**, citizen of India, residing at 2025 Peachtree Road, NE, Apt. 645, Atlanta, Georgia 30309;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **MICRO-ELECTROMECHANICAL RESONATORS HAVING ELECTRICALLY-TRIMMED RESONATOR BODIES THEREIN AND METHODS OF FABRICATING SAME USING JOULE HEATING**, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/534,481, filed 8/3/09) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Georgia Tech Research Corporation**, a non-profit corporation, having a place of business at the Georgia Institute of Technology, 505 Tenth Street, NW, Atlanta, Georgia 30332-0415, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same 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 us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31 day of July, 2009.

Farrokh Ayazi (SEAL)  
Farrokh Ayazi

STATE OF GEORGIA )  
COUNTY OF Fulton ) ss:

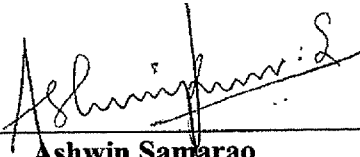
Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 31<sup>st</sup> day of July, 2009.

Sammy D. Scott  
Notary Public

SEAL

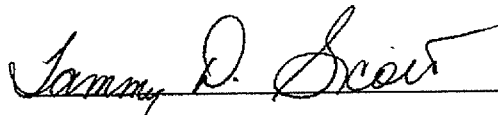
My Commission Expires: December 3, 2010

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31<sup>st</sup> day of July, 2009.

  
\_\_\_\_\_  
Ashwin Samarao (SEAL)

STATE OF Georgia )  
COUNTY OF Fulton ) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 31<sup>st</sup> day of July, 2009.

  
\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: December 3, 2010