

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Abbas ABBASPOUR-TAMIJANI	08/05/2010
Masoud KOOCHAKZADEH	07/29/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY
<b>Street Address:</b>	1475 N. Scottsdale Road
<b>Internal Address:</b>	SkySong Suite 200
<b>City:</b>	Scottsdale
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85257
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12802196
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	AZTE.P0040US/ 11004883
<b>NAME OF SUBMITTER:</b>	Mark B. Wilson
Total Attachments: 2	

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**PATENT  
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY (the "Assignee"), having a place of business at 1475 N. Scottsdale Road, SkySong Suite 200, Scottsdale, Arizona, 85257, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. **12/802,196**, which has been filed on **June 1, 2010** and is entitled "**ULTRA-WIDEBAND TUNABLE FILTERS BASED ON MULTI-RESOLUTION BAND-SELECTION**," which claims priority to United States Provisional Application No. 61/217,512, filed June 1, 2009, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

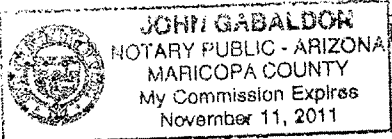
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

Signature: [Handwritten Signature] Date: 8/5/2010  
Name: Abbas ABBASPOUR-TAMIJANI

STATE OF Arizona  
COUNTY OF Maricopa


BEFORE ME, the undersigned authority, on this 5th day of August, 2010 personally appeared Abbas ABBASPOUR-TAMIJANI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]  [Handwritten Signature]  
Notary or Consular Officer

Signature: [Handwritten Signature] Date: 7/29/10  
Name: Masoud KOOCHAKZADEH

STATE OF CALIF  
COUNTY OF SAN DIEGO

BEFORE ME, the undersigned authority, on this 29 day of July, 2010 personally appeared Masoud KOOCHAKZADEH, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

 [Handwritten Signature]  
Notary or Consular Officer

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701