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No. 8728 P. 1/4 U.S. DEPARTMENT OF COMMERCE

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United	Stat	es	Patent	and	Trademark	Office

REEL: 028681 FRAME: 0040

RECORDATION FORM COVER SHEET PATENTS ONLY				
	ise record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Raffaele Cetrulo	Name: Board of Regents, The University of Texas System			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X N 3. Nature of conveyance/Execution Date(s):				
Execution Date(s).7/27/2012	Street Address: 201 West Seventh Street			
X Assignment Merger	-			
Security Agreement Change of Name	City: Austin			
Joint Research Agreement	State: TX			
Government Interest Assignment				
Executive Order 9424, Confirmatory License	Country: United States Zip: 78701			
Other	Additional name(s) & address(es) attached? Yes X No			
4. Application or patent number(s):	document is being filed together with a new application.			
A. Patent Application No.(s) 13/425,119	B. Patent No.(s)			
Additional numbers a	ttached? Yes X No			
Additional humbers a 5. Name and address to whom correspondence concerning document should be mailed:	tached? Yes X 6. Total number of applications and patents involved: 1			
5. Name and address to whom correspondence	6. Total number of applications and patents involved:1			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41)			
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Ansel M. Schwartz, Attorney at Law</u> Internal Address:	6. Total number of applications and patents involved:1			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed			
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Ansel M. Schwartz</u> , Attorney at Law Internal Address: Street Address: <u>201 N. Craig Street</u> Suite 304	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address: Street Address: 201 N. Craig Street Suite 304 City: Pittsburgh State: PA Zip: 15213	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address: Street Address: 201 N. Craig Street Suite 304 City: Pittsburgh State: PA Zip: 15213 Phone Number: (412) 621-9222	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address: Street Address: 201 N. Craig Street Suite 304 City: Pittsburgh State: PA Zip: 15213	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address: Street Address: 201 N. Craig Street Suite 304 City: Pittsburgh State: PA Zip: 15213 Phone Number: (412) 621-9222 Fax Number: (412) 621-8640	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 19-0737 Authorized User Name			
5. Name and address to whom correspondence concerning document should be mailed: Name: Ansel M. Schwartz, Attorney at Law Internal Address: Internal Address: Street Address: 201 N. Craig Street Suite 304 City: Pittsburgh State: PA Zip: 15213 Phone Number: (412) 621-9222 Fax Number: (412) 621-8640 Email Address: 9. Signature:	6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 19-0737 Authorized User Name			
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_No. 8728 P. 2/4

Practitioner's Docket No. FELD-3

PATENT

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- For: U.S. Rights and Foreign Rights For: U.S. Application
- By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Jonathan W. Valvano 1906 Wychwood Drive Austin, TX 78746 Nationality: United States

Marc D. Feldman 11 Royal Gardens Road San Antonio, TX 78248 Nationality: United States

John A. Pearce 1340 Lost Creek Boulevard Austin, TX 78746 Nationality: United States

Erik Larson 106 E. 30th Street Apt. 102 Austin, TX 78705 Nationality: United States.

Lev Shuhatovich 5606 Cheena Drive Houston, TX 77096 Nationality: United States

Kathryn Loeffler 2217 Downing Lane Leander, TX 78641 Nationality: United States

Raffaele Cetrulo 2404 Water Well Lane Austin, TX 78728 Nationality: United States

hereby sell, assign and transfer to

Assignment of Invention-Multiple Inventors-page 1 of 3

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ASSIGNEE:

Board of Regents, The University of Texas System 201 West Seventh Street Austin, TX 78701 Nationality: United States

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Low Power Apparatus and Method to Measure Complex Electrical Admittance or Impedance

and which is found in (37 C.F.R. § 3.21) U.S. application no. 13/425,119 filed on March 20, 2012 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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 herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of 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 powers of attorney and other papers; communicate to the Assignee all facts know to the undersigned relating to such improvements and the history thereof; and generally do everything possible with 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.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____ day of

Assignment of Invention-Multiple Inventors-page 2 of 3

PATENT REEL: 028681 FRAME: 0042 .

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Date:	Signature of Jonathan W. Valvano
Date:	Signature of Marc D. Feldman
Date:	Signature of John A. Pearce
Date:	Signature of Erik Larson
Date:	Signature of Lev Shuhatovich
Date:	Signature of Kathryn Losffler
Date: 7/27/12	Signature of Raffaele Cetrulo

Assignment of Invention-Multiple Inventors-page 3 of 3

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RECORDED: 07/30/2012

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