

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Nikolai I. Avdievich</td> <td>04/24/2013</td> </tr> <tr> <td>Hoby P. Hetherington</td> <td>05/04/2013</td> </tr> <tr> <td>Jullie W. Pan</td> <td>05/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nikolai I. Avdievich	04/24/2013	Hoby P. Hetherington	05/04/2013	Jullie W. Pan	05/04/2013		
Name	Execution Date										
Nikolai I. Avdievich	04/24/2013										
Hoby P. Hetherington	05/04/2013										
Jullie W. Pan	05/04/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Transarray LLC</td> </tr> <tr> <td>Street Address:</td> <td>129 Grove Street</td> </tr> <tr> <td>City:</td> <td>Lexington</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02420</td> </tr> </table>		Name:	Transarray LLC	Street Address:	129 Grove Street	City:	Lexington	State/Country:	MASSACHUSETTS	Postal Code:	02420
Name:	Transarray LLC										
Street Address:	129 Grove Street										
City:	Lexington										
State/Country:	MASSACHUSETTS										
Postal Code:	02420										
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>13864980</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13864980						
Property Type	Number										
Application Number:	13864980										
CORRESPONDENCE DATA											
Fax Number: 6174430004 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-443-9292 Email: dderamo@sunsteinlaw.com Correspondent Name: T. Paul Tanpitukpongse Address Line 1: 125 Summer Street Address Line 2: Sunstein Kann Murphy & Timbers LLP Address Line 4: Boston, MASSACHUSETTS 02110											
ATTORNEY DOCKET NUMBER:	3937/1001										
NAME OF SUBMITTER:	T. Paul Tanpitukpongse										
Signature:	/T. Paul Tanpitukpongse, #71,589/										

Date:

06/19/2013

Total Attachments: 8

source=DD39371001Assignment#page1.tif

source=DD39371001Assignment#page2.tif

source=DD39371001Assignment#page3.tif

source=DD39371001Assignment#page4.tif

source=DD39371001Assignment#page5.tif

source=DD39371001Assignment#page6.tif

source=DD39371001Assignment#page7.tif

source=DD39371001Assignment#page8.tif

ASSIGNMENT

ASSIGNORS: Nikolai I. Avdievich
Hoby P. Hetherington
Jullie W. Pan

ASSIGNEE: Transarray LLC
129 Grove Street
Lexington, MA 02420

Incorporated in Massachusetts

INVENTION: Magnetic-Resonance Transceiver-Phased Array that
Compensates for Reactive and Resistive Components of
Mutual Impedance between Array Elements and Circuit and
Method Thereof

ATTORNEY DOCKET: 3937/1001

SERIAL NO: 13/864,980

FILING DATE: April 17, 2013

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United

States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 4/24/13

Nikolai I. Avdievich
Nikolai I. Avdievich, Assignor

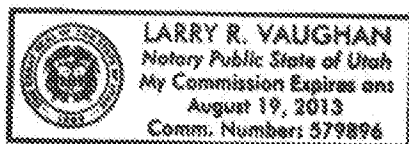
STATE OF ~~NEW YORK~~ UTAH

County of UTAH, ss.

4-24, 2013

On this 24th day of April, 2013, before me, the undersigned notary public, personally appeared Nikolai I. Avdievich, proved to me through satisfactory evidence of identification, which consisted of passport, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



Larry R. Vaughan
Notary Public

My commission expires: 8/19/2013

Date: _____

Hoby P. Hetherington, Assignor

STATE OF CONNECTICUT

County of _____, ss.

_____, 2013

On this _____ day of _____, 2013, before me, the undersigned notary public, personally appeared Hobby P. Hetherington, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires: _____

Date: _____

Jullie W. Pan, Assignor

STATE OF CONNECTICUT

County of _____, ss.

_____, 2013

On this ____ day of _____, 2013, before me, the undersigned notary public, personally appeared Jullie W. Pan, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNORS: Nikolai I. Avdievich
Hoby P. Hetherington
Jullie W. Pan

ASSIGNEE: Transarray LLC
129 Grove Street
Lexington, MA 02420

Incorporated in Massachusetts

INVENTION: Magnetic-Resonance Transceiver-Phased Array that
Compensates for Reactive and Resistive Components of
Mutual Impedance between Array Elements and Circuit and
Method Thereof

ATTORNEY DOCKET: 3937/1001

SERIAL NO: 13/864,980

FILING DATE: April 17, 2013

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United

States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Nikolai I. Avdievich, Assignor

STATE OF NEW YORK

County of _____, ss. _____

_____, 2013

On this _____ day of _____, 2013, before me, the undersigned notary public, personally appeared Nikolai I. Avdievich, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: May 4, 2013

Hoby P. Hetherington
Hoby P. Hetherington, Assignor

STATE OF CONNECTICUT

County of New Haven, ss. Woodbridge

May, 2013

On this 4 day of MAY, 2013, before me, the undersigned notary public, personally appeared Hoby P. Hetherington, proved to me through satisfactory evidence of identification, which consisted of CTDL, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal


Hoby P. Hetherington
Notary Public

My commission expires:

*My Commission Expires
May 31, 2015*

Date:

May 7 2013


Julie W. Pan, Assignor

STATE OF CONNECTICUT

County of New Haven ss. Woodbridge

May, 2013

On this 4 day of MAY, 2013, before me, the undersigned notary public, personally appeared Julie W. Pan, proved to me through satisfactory evidence of identification, which consisted of CDL, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal


Notary Public

My commission expires:

*My Commission Expires
May 21, 2015*