

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2733834

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>GIANLUIGI DE GERONIMO</td> <td>02/12/2014</td> </tr> <tr> <td>SHAORUI LI</td> <td>02/19/2014</td> </tr> </tbody> </table>		Name	Execution Date	GIANLUIGI DE GERONIMO	02/12/2014	SHAORUI LI	02/19/2014
Name	Execution Date						
GIANLUIGI DE GERONIMO	02/12/2014						
SHAORUI LI	02/19/2014						
RECEIVING PARTY DATA							
Name:	Brookhaven Science Associates, LLC						
Street Address:	40 Brookhaven Ave - P.O. Box 5000						
Internal Address:	Bldg. 460						
City:	Upton						
State/Country:	NEW YORK						
Postal Code:	11973-5000						
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>14115308</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14115308		
Property Type	Number						
Application Number:	14115308						
CORRESPONDENCE DATA							
Fax Number:	(631)344-3729						
Phone:	6313444153						
Email:	ott@bnl.gov						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	BROOKHAVEN NATIONAL LABORATORY						
Address Line 1:	BLDG. 490C - 30 BELL AVE						
Address Line 4:	UPTON, NEW YORK 11973-5000						
ATTORNEY DOCKET NUMBER:	BSA 11-10						
NAME OF SUBMITTER:	DORENE M. PRICE						
Signature:	/Dorene M. Price/						
Date:	02/20/2014						
Total Attachments: 2 source=BSA11-10_NonProvAssignment#page1.tif source=BSA11-10_NonProvAssignment#page2.tif							

WHEREAS, we Gianluigi De Geronimo and Shaorui Li, citizens of the United States and China, respectively, residing in Syosset, County of Nassau, State of New York, and in Yaphank, County of Suffolk, State of New York, ASSIGNORS, are the inventors of an invention and certain new and useful improvements disclosed in an application entitled "Shaper Design in CMOS for High Dynamic Range"; the said non-provisional application for United States Letters Patent accorded Serial No. 14/115,308 was filed on 11/01/2013; and;

WHEREAS, the **Brookhaven Science Associates, LLC** incorporated in Delaware (BSA), having an office at **40 Brookhaven Avenue, Building 460, Upton, NY 11973-5000**, desires to acquire the entire right, title, and interest in, under and to the said invention and improvements which are disclosed in the said application, and any Letters Patent wherever they may be issued thereon;

WHEREAS, BSA has elected to take title to said invention pursuant to P.L. 98-620 and has informed the U.S. Department of Energy of that election and the U.S. Department of Energy has not exercised any exceptions thereto under either 401.3(a)(2) or (3) of P.L. 98-620, but retains the right to do so;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned ASSIGNORS by these presents do sell, assign, and transfer unto BSA the entire right, title, and interest in, under and to the said invention and improvements as disclosed in the said application as well as any divisional, continuation, renewal, substitute, reissue, reexamination, conversion, and all other applications for Letters Patent or the legal equivalent thereof wherever they may be filed, and in, under and to any and all Letters Patent or the legal equivalent thereof wherever they may be issued thereon including all original, reissue, reexamination, and extensions of said Letters Patent or the legal equivalent thereof;

AND WE HEREBY authorize and request the issuing authority whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to and in the name of the Brookhaven Science Associates, LLC;

AND WE HEREBY covenant and agree that we have full right to convey the entire right, title and interest herein assigned, and that we have not executed, and will not execute, any assignment, grant, mortgage, license or other agreement in conflict herewith;

AND WE HEREBY agree to make, execute, and deliver unto BSA any and all rightful oaths, declarations, assignments, powers of attorney, affidavits, statements, and all other documents or instruments; we agree to execute all renewal, divisional, continuation, substitute, reexamination, foreign, reissue, and all other applications; we agree to communicate to BSA, its successors, legal representatives, or its assigns, any facts known to us respecting the said invention and improvements and the history thereof; we agree to testify as to the same in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences, litigations, or other actions or proceedings that said applications may encounter or in which they may become involved as may be required by BSA, or its duly authorized representative; and we agree to generally do everything possible to aid BSA in protecting the said invention and improvements, and in obtaining, maintaining, defending and enforcing proper protection for the said invention and improvements as may be requested by BSA, its successors, legal representatives or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with BSA;

AND WE HEREBY agree and acknowledge that the sale, assignment and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and shall extend to the successors, assigns and nominees of BSA.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date: 2/12/14 _____ *Gianluigi De Geronimo* L.S.
GIANLUIGI DE GERONIMO

State of _____
County of _____
William S. Russell
NOTARY PUBLIC
STATE OF NEW YORK
Suffolk County
Reg. No. 01RU6215070
Commission Expires: 12/21/2017

On this 12th day of February, before me, a Notary Public in and for the State and County aforesaid, personally appeared **GIANLUIGI DE GERONIMO**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and s/he acknowledged the same to be her/his free act and deed.

NOTARY PUBLIC

Date: 2/19/2014 _____ *Shaorui Li* L.S.
SHAORUI LI

State of _____
County of _____

On this 19 day of 2014, before me, a Notary Public in and for the State and County aforesaid, personally appeared **SHAORUI LI**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and s/he acknowledged the same to be her/his free act and deed.

NOTARY PUBLIC

Cyrena E. Condemi
NOTARY PUBLIC
STATE OF NEW YORK
Suffolk County
Commission Expires: 12/11/14