U.S. PTO 12/220764

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07/28/2008 08-07-2008 Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) **RECORDATION FORM COVE** 1902(JSA) **PATENTS ONL** 103518036 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Jefferson Science Associates, LLC Pavel V. Degtiarenko Vladimir E. Popov Internal Address: Additional name(s) of conveying party(ies) attached? ___ Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 12000 Jefferson Avenue Execution Date(s)_ ✓ Assignment Merger

Security Agreement Change of Name	City: Newport News	
Joint Research Agreement Government Interest Assignment	State: VA	
Executive Order 9424, Confirmatory License	Country: USA Zip: 23606	
Other	Additional name(s) & address(es) attached? Yes Vo	
4. Application or patent number(s):	document is being filed together with a new application. B. Patent No.(s)	
Additional numbers at	tached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: AUZVILLE JACKSON, JR.	7. Total fee (37 CFR 1.21(h) & 3.41) \$40	
Internal Address:	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
Street Address: 8652 Rio Grande Road		
City: Richmond	8. Payment Information	
State: VA Zip:23229	a. Credit Card Last 4 Numbers 699 Expiration Date 01/10	
Phone Number: <u>804-740-6828</u>	b. Deposit Account Number	
Fax Number: <u>804-740-1881</u>	Authorized User Name	
Email Address: Auzville2@msn.com	Authorized Oser Name	
9. Signature: August Backson Signature	07/28/2008 Date	
AUZVILLE JACKSON, JR. Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Office

PATENT

REEL: 021360 FRAME: 0286

ASSIGNMENT

WHEREAS:

Pavel V. Degtiarenko 110 Sharps Lane Williamsburg, VA 23185 USA

Vladimir E. Popov 12 Callahan Walk 38 Cedur Lane Newport News, VA 23601 USA

(hereinafter referred to as ASSIGNOR(S)) have invented certain new and useful improvements in an invention entitled:

Biased Transimpedance Amplifier for Low Noise Readout from Voltage Controlled Detectors

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

WHEREAS:

Jefferson Science Associates, LLC 12000 Jefferson Avenue Newport News, VA 23606 USA

(hereinafter referred to ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for full and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation—in—part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

PATENT REEL: 021360 FRAME: 0287 ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

Docket 1902(JSA) Assignment

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURES(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S) AND ASSIGNOR(S):	DATE SIGNED	WITNESS (ES)
The Powel Degliarent	05/15/08	
Pavel V. Degtiarenko		
Vladmir E Popov	05/15/2008	

PATENT REEL: 021360 FRAME: 0288

RECORDED: 07/28/2008