

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT3377642

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES K. WALKER	11/06/2013
YOUNGWOOK NOH	11/06/2013
RICHARD T. FARLEY	11/06/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NANOPTICS, INCORPORATED
<b>Street Address:</b>	3014 N.E. 21ST WAY
<b>City:</b>	GAINESVILLE
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	32609
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14675063
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3523758100
<b>Email:</b>	JSP@SLEPATENTS.COM
<b>Correspondent Name:</b>	JAMES S. PARKER
<b>Address Line 1:</b>	P.O. BOX 142950
<b>Address Line 4:</b>	GAINESVILLE, FLORIDA 32614-2950
<b>ATTORNEY DOCKET NUMBER:</b>	NAN.115C2XCD1
<b>NAME OF SUBMITTER:</b>	JAMES S. PARKER
<b>SIGNATURE:</b>	/JAMES S. PARKER/
<b>DATE SIGNED:</b>	06/02/2015
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements in **Method and Apparatus for Neutron Detection Utilizing Pulse Height Discrimination and Pulse Shape Discrimination**, for which an application for United States Letters Patent was filed October 16, 2013, as Serial No. 14/055,765.

WHEREAS, NANOPTICS, INCORPORATED, a corporation of the State of Florida, having a place of business at 3014 N.E. 21<sup>st</sup> Way, Gainesville, Florida 32609, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of NANOPTICS, INCORPORATED's review and evaluation of our patent disclosure and other valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said NANOPTICS, INCORPORATED, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to NANOPTICS, INCORPORATED, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of NANOPTICS, INCORPORATED, its successors and assigns.

FURTHER, we agree that we will communicate to NANOPTICS, INCORPORATED, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to NANOPTICS, INCORPORATED; make all rightful oaths; and generally do everything possible to aid NANOPTICS, INCORPORATED, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6<sup>th</sup> day of November, 2013.

Signed James K Walker

Address: James K. Walker  
2425 N.W. 26<sup>th</sup> Place  
Gainesville, FL 32605

State of Florida )

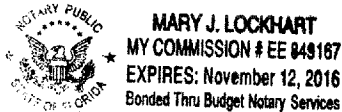
County of Alachua )

On this 6<sup>th</sup> day of November, 2013 personally appeared before me the above-named JAMES K. WALKER, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

Mary J. Lockhart  
Notary Public

My Commission Expires: 11/12/2016

SEAL



IN TESTIMONY WHEREOF, I have hereunto set my hand this 6<sup>th</sup> day of November, 2013.

Signed *Youngwook Noh*

Youngwook Noh  
Address: 1107 S.W. 83<sup>rd</sup> Way  
Gainesville, FL 32607

State of Florida )

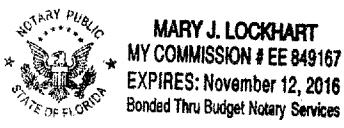
County of Alachua )

On this 6<sup>th</sup> day of November, 2013 personally appeared before me the above-named YOUNGWOOK NOH, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

*Mary J. Lockhart*  
Notary Public

My Commission Expires: 11/12/2016

SEAL



IN TESTIMONY WHEREOF, I have hereunto set my hand this 6<sup>th</sup> day of November, 2013.

Signed *RTF*  
Richard T. Farley

Address: 2058 N.W. 50<sup>th</sup> Place  
Gainesville, FL 32605

State of Florida )

County of Alachua )

On this 6<sup>th</sup> day of November, 2013 personally appeared before me the above-named RICHARD T. FARLEY, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

*Mary J. Lockhart*  
Notary Public

My Commission Expires: 11/12/2016

SEAL

