

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vladimir S. Ban	01/14/2008
Boris L. Volodin	01/14/2008
Neal R. Stoker	01/14/2008
RECEIVING PARTY DATA	
Name:	PD-LD, INC.
Street Address:	30-B Pennington-Hopewell Road
City:	Pennington
State/Country:	NEW JERSEY
Postal Code:	08534
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11923571
CORRESPONDENCE DATA	
Fax Number:	(215)568-3439
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	calvo@woodcock.com
Correspondent Name:	Woodcock Washburn LLP
Address Line 1:	2929 Arch Street
Address Line 2:	Cira Centre, 12th Floor
Address Line 4:	Philadelphia, PENNSYLVANIA 19104
ATTORNEY DOCKET NUMBER:	PDL-D-0136
NAME OF SUBMITTER:	Janis Calvo
<p>Total Attachments: 4</p> <p>source=ASSIGNMENT#page1.tif</p>	

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**PATENT**  
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**ASSIGNMENT**

WHEREAS, we **Vladimir S. Ban**, residing at 1061 Great Road, Princeton, New Jersey 08540; **Boris L. Volodin**, residing at 93 Windsor Pond Road, West Windsor, New Jersey 08550; and **Neal R. Stoker**, residing at 3020 Wessinger Road, Chapin, South Carolina 29036, hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. **11/923,571**, filed **October 24, 2007**, entitled **COMPACT, LOW COST RAMAN MONITOR FOR SINGLE SUBSTANCES**; and

WHEREAS, **PD-LD, INC.**, hereinafter referred to as the assignee, of **30-B Pennington-Hopewell Road, Pennington, New Jersey 08534**, a corporation of New Jersey, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to

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Joint Inventors  
(Pending Application;  
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obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

1/14/08  
Date

Vladimir S. Ban (L.S.)  
Vladimir S. Ban

STATE OF New Jersey :  
: SS  
COUNTY OF Mercer :


On this 14<sup>th</sup> day of January, year of 2008, before me personally came the above named Vladimir S. Ban to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Karen S. Reid  
Notary Public  
KAREN S. REID  
Notary Public, State of New Jersey  
My Commission Expires  
August 29, 2012

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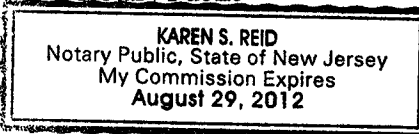
PATENT  
Joint Inventors  
(Pending Application;  
Application No. Known)

1/14/2008  
Date

 (L.S.)  
Boris L. Volodin

STATE OF New Jersey :  
COUNTY OF Mercer : SS

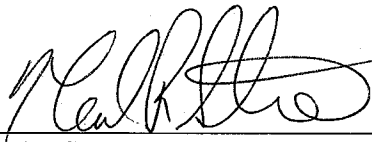
On this 14<sup>th</sup> day of January, year of 2008, before me personally came the above named Boris L. Volodin to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Karen S. Reid  
Notary Public  


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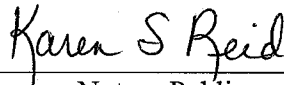
PATENT  
Joint Inventors  
(Pending Application;  
Application No. Known)

14 Jan 2008  
Date

 (L.S.)  
Neal R. Stoker

STATE OF New Jersey :  
COUNTY OF Mercer : SS

On this 14<sup>th</sup> day of January, year of 2008, before me personally came the above named Neal R. Stoker to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
Notary Public

