

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Viktor Gruiev</td> <td>06/19/2006</td> </tr> <tr> <td>Jan Van der Spiegel</td> <td>06/19/2006</td> </tr> <tr> <td>Nader Engheta</td> <td>06/19/2006</td> </tr> </tbody> </table>		Name	Execution Date	Viktor Gruiev	06/19/2006	Jan Van der Spiegel	06/19/2006	Nader Engheta	06/19/2006
Name	Execution Date								
Viktor Gruiev	06/19/2006								
Jan Van der Spiegel	06/19/2006								
Nader Engheta	06/19/2006								
RECEIVING PARTY DATA									
Name:	The Trustees Of The University Of Pennsylvania								
Street Address:	3160 Chestnut Street								
Internal Address:	Suite 200								
City:	Philadelphia								
State/Country:	PENNSYLVANIA								
Postal Code:	19104								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11406993</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11406993				
Property Type	Number								
Application Number:	11406993								
CORRESPONDENCE DATA									
Fax Number:	(215)568-3439								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	215-568-3100								
Email:	fpoore@woodcock.com								
Correspondent Name:	Woodcock Washburn, LLP								
Address Line 1:	One Liberty Place								
Address Line 2:	46th Floor								
Address Line 4:	Philadelphia, PENNSYLVANIA 19103								
ATTORNEY DOCKET NUMBER:	UPN-4806								
NAME OF SUBMITTER:	Faith A. Poore								

CH \$40.00 11406993

Total Attachments: 4

source=548084_1-UPN-4806#page1.tif

source=548084_1-UPN-4806#page2.tif

source=548084_1-UPN-4806#page3.tif

source=548084_1-UPN-4806#page4.tif

DOCKET NO.: UPN-4806 / S4194

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

ASSIGNMENT

WHEREAS, we Viktor Gruev residing at 2200 Benjamin Franklin Parkway, Philadelphia, Pennsylvania 19130, Jan Van der Spiegel residing at 909 Bonaparte Court, Philadelphia, Pennsylvania 19107 and Nader Engheta residing at 292 Rosedale Avenue, Wayne, Pennsylvania 19087, 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. 11/406,993, filed April 18, 2006, entitled **SENSOR AND POLARIMETRIC FILTERS FOR REAL TIME EXTRACTION OF POLARIMETRIC INFORMATION AT THE FOCAL PLANE, AND METHOD OF MAKING SAME**; and

WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, 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

DOCKET NO.: UPN-4806 / S4194

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

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 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.

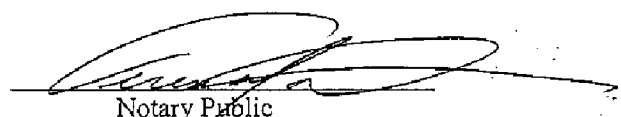
IN WITNESS WHEREOF, we have hereunto set our hands and seals.

June 19, 2006
Date

Viktor Gruet (L.S.)
Viktor Gruet

STATE OF Pennsylvania
COUNTY OF Philadelphia SS

On this 19 day of June, year of 2006, before me personally came the above named **Viktor Gruet** 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

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
TERESA M. DUNN, Notary Public
City of Philadelphia, Phila. County
My Commission Expires August 12, 2007

DOCKET NO.: UPN-4806 / S4194

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

June 19, 2006
Date

Jan Van der Spiegel (L.S.)
Jan Van der Spiegel

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS

On this 19 day of June, year of 2006, before me personally came the above named Jan Van der Spiegel 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.

Teresa M. Dunn
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
TERESA M. DUNN, Notary Public
City of Philadelphia, Phila. County
My Commission Expires August 12, 2007

DOCKET NO.: UPN-4806 / S4194

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

Date June 19, 2006

Nader Engheta (L.S.)
Nader Engheta

STATE OF Pennsylvania :
COUNTY OF Philadelphia SS

On this 19 day of June, year of 2006, before me personally came the above named Nader Engheta 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.

Teresa M. Dunn
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
TERESA M. DUNN, Notary Public
City of Philadelphia, Phila. County
My Commission Expires August 12, 2007