

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>George Oliviu Angheloiu</td> <td>07/08/2008</td> </tr> <tr> <td>John A. Kellum Jr.</td> <td>06/16/2008</td> </tr> <tr> <td>William D. Anderson</td> <td>06/19/2008</td> </tr> <tr> <td>Catalin Toma</td> <td>06/19/2008</td> </tr> </tbody> </table>		Name	Execution Date	George Oliviu Angheloiu	07/08/2008	John A. Kellum Jr.	06/16/2008	William D. Anderson	06/19/2008	Catalin Toma	06/19/2008
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John A. Kellum Jr.	06/16/2008										
William D. Anderson	06/19/2008										
Catalin Toma	06/19/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	University of Pittsburgh - Of the Commonwealth System of Higher Education										
<b>Street Address:</b>	200 Gardner Steel Conference Center										
<b>City:</b>	Pittsburgh										
<b>State/Country:</b>	PENNSYLVANIA										
<b>Postal Code:</b>	15260										
<b>PROPERTY NUMBERS Total: 1</b>											
<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>12061562</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12061562						
Property Type	Number										
Application Number:	12061562										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(312)616-5700										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	312-616-5600										
<b>Email:</b>	bzurkammer@leydig.com										
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER, LTD.										
<b>Address Line 1:</b>	180 North Stetson Avenue										
<b>Address Line 2:</b>	Suite 4900										
<b>Address Line 4:</b>	Chicago, ILLINOIS 60601-6731										
<b>ATTORNEY DOCKET NUMBER:</b>	702660										
<b>NAME OF SUBMITTER:</b>	M. Daniel Hefner										
Total Attachments: 4											

**CH \$40.00 12061562**

**500604383**

**PATENT  
 REEL: 021298 FRAME: 0433**

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**PATENT**  
Attorney Docket No. 702660  
Client Reference No. 01386

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731

## **ASSIGNMENT**

**WHEREAS, WE**, George Oliviu Angheloiu, John A. Kellum, Jr., William D. Anderson and Catalin Toma, of 209 Hospital Avenue Dubois, PA 15801; 5541 Hampton Street Pittsburgh, PA 15206; 202 Woodcock Drive Pittsburgh, PA 15215 and 203 Vine Street Pittsburgh, PA 15210, respectively, have invented and own a certain invention entitled:

### **REMOVAL OF CONTRAST AGENTS FROM BLOOD**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on April 2, 2008, under U.S. Application No. 12/061,562, and

**WHEREAS**, University of Pittsburgh - Of the Commonwealth System of Higher Education, of 200 Gardner Steel Conference Center Pittsburgh, PA 15260, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**UPON SAID CONSIDERATION**, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the

In re Appln. of Kellum et al.  
Attorney Docket No. 702660

invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 8th of July 2008 George O. Angheloiu  
George Oliviu Angheloiu  
STATE OF Pennsylvania )  
COUNTY OF Clearfield )

On this 8th day of July, 2008, before me, a Notary Public in and for said county, appeared George Oliviu Angheloiu, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Stacey A. Bickel, Notary Public  
City Of Dubois, Clearfield County  
{SEAL} My Commission Expires June 29, 2011  
Member, Pennsylvania Association of Notaries

Stacey A. Bickel  
Notary Public  
My Commission Expires: 6/29/2011.

Date \_\_\_\_\_  
John A. Kellum, Jr.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public in and for said county, appeared John A. Kellum, Jr., who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL} \_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

In re Appln. of Kellum et al.  
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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date \_\_\_\_\_  
George Oliviu Angheloiu

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

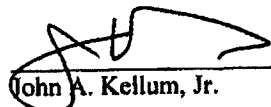
On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for said county, appeared George Oliviu Angheloiu, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

{SEAL}

My Commission Expires: \_\_\_\_\_

Date 6/16/08

  
John A. Kellum, Jr.

STATE OF Pennsylvania )  
COUNTY OF Allegheny )

On this 16<sup>th</sup> day of June, 2008, before me, a Notary Public in and for said county, appeared John A. Kellum, Jr., who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: 1/27/2010

{SEAL}  
COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Barbara J. Shields, Notary Public  
City Of Pittsburgh, Allegheny County  
My Commission Expires Jan. 27, 2010  
Member, Pennsylvania Association of Notaries

In re Appln. of Kellum et al.  
Attorney Docket No. 702660

Date 6-19-08

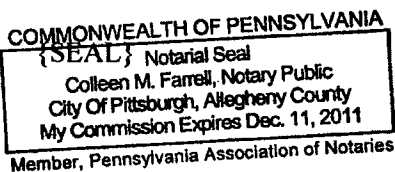
William D. Anderson  
William D. Anderson

STATE OF Pennsylvania  
COUNTY OF Allegheny

On this 19 day of June, 2008, before me, a Notary Public in and for said county, appeared William D. Anderson, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Colleen M. Farrell  
Notary Public

My Commission Expires: 12-11-2011



Date 6/19/08

Catalin Toma  
Catalin Toma

STATE OF Pennsylvania  
COUNTY OF Allegheny

On this 19 day of June, 2008, before me, a Notary Public in and for said county, appeared Catalin Toma, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Colleen M. Farrell  
Notary Public

My Commission Expires: 12-11-2011

