

**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>Max G. Lagally</td> <td>08/17/2006</td> </tr> <tr> <td>Zhenqiang Ma</td> <td>08/17/2006</td> </tr> </tbody> </table>		Name	Execution Date	Max G. Lagally	08/17/2006	Zhenqiang Ma	08/17/2006
Name	Execution Date						
Max G. Lagally	08/17/2006						
Zhenqiang Ma	08/17/2006						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Wisconsin Alumni Research Foundation						
<b>Street Address:</b>	614 Walnut Street						
<b>City:</b>	Madison						
<b>State/Country:</b>	WISCONSIN						
<b>Postal Code:</b>	53726						
<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>11452135</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11452135		
Property Type	Number						
Application Number:	11452135						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(608)262-6104						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	608-263-7677						
<b>Email:</b>	khanneman@warf.org						
<b>Correspondent Name:</b>	Kathy Hanneman						
<b>Address Line 1:</b>	614 Walnut Street						
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<b>Address Line 4:</b>	Madison, WISCONSIN 53726						
<b>NAME OF SUBMITTER:</b>	Kathy Hanneman						
<b>Total Attachments: 3</b> source=P04389US Assignment#page1.tif source=P04389US Assignment#page2.tif source=P04389US Assignment#page3.tif							

CH \$40.00 11452135

ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: PIN DIODES FOR PHOTODETECTION AND HIGH-SPEED, HIGH-RESOLUTION IMAGE SENSING

Serial Number: 11/452135

Date Filed: 6-13-2006

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation (hereinafter "WARF") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WARF shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WARF's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WARF may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WARF any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WARF and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WARF, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Ref: P04389US  
Wisconsin Alumni Research Foundation

**PATENT**  
**REEL: 018406 FRAME: 0152**

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P04389US

App.#: 11/452135, Filed: 6-13-2006

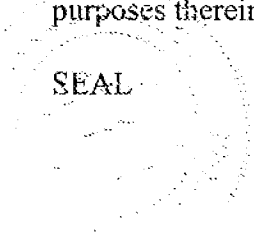
Inventor: Max G. Lagally

Date: 8/17/06

Max G. Lagally  
5110 Juneau Road  
Madison, WI 53705

State of Wisconsin )  
                                  )ss.  
County of Dane        )

On this 17<sup>th</sup> day of August, 2006 before me personally appeared Max G. Lagally, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.



Barbara L. Rittick  
Notary Public

My Commission expires: is permanent

ASSIGNMENT  
Wisconsin Alumni Research Foundation  
Ref: P04389US  
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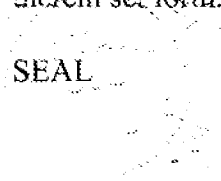
Inventor: Zhenqiang Ma

Date: 08/17/06

Zhenqiang Ma  
5520 Sandhill Dr.  
Middleton, WI 53562

State of Wisconsin )  
  )ss.  
County of Dane        )

On this 17<sup>th</sup> day of August, 2006 before me personally appeared Zhenqiang Ma, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.



Alicia L. Dietrich  
Notary Public

My Commission expires: is permanent