

Form PTO-1595 (Rev. 07/05)  
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Zhi-Pei Liang

**2. Name and address of receiving party(ies)**

Name: The Board of Trustees of the University of Illinois

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Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 6/18/08

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Street Address: 506 S. Wright Street

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State: IL

Country: US Zip: 61801

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**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/738,225

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Timothy J. Ziolkowski

Internal Address: \_\_\_\_\_

Street Address: 136 S. Wisconsin St.

City: Port Washington

State: WI Zip: 53074

Phone Number: (262) 268-8100

Fax Number: (262) 268-8185

Email Address: tjz@zpspatents.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

- Authorized to be charged by credit card
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- None required (government interest not affecting title)

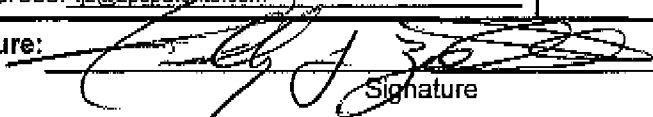
**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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Signature

6/25/08

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Patent

Attorney Docket No. GEMS8081.372

For:  U.S. and/or  Foreign Rights

For:  U.S. Application or  U.S. Patent

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS (inventors):

Zhi-Pei Liang	1813 Vale St.	
Name	<u>Champaign, IL 61822</u>	CH
	Address	Citizenship

hereby sell, assign, and transfer to

ASSIGNEE:

*ZPL*

<u>University of Illinois at Urbana-Champaign</u>	of	<u>Beckman Institute, 405 N. Matthews Ave, 506 S.</u>
<u>The Board of Trustees of the University of</u>		<u>Wright Street</u>
<u>Illinois</u>		<u>Urbana, IL, 61801</u>
(Type name of ASSIGNEE)		Address

*ZPL*

and the successors, assigns, and legal representatives of the ASSIGNEE

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent \_\_\_\_\_ ( %) interest

for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

**SYSTEM AND METHOD FOR DESIGNING MULTI-CHANNEL RF PULSES FOR MR IMAGING**

and which is found in

- (a)  U.S. patent application executed on even date herewith; or
- (b)  U.S. patent application executed on \_\_\_\_\_; or
- (c)  U.S. application serial no. 11/738,225 filed on April 20, 2007, and provisional U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_ (if applicable).

DOCKET NUMBER: GEMS8081.372

■ To comply with 37 CFR 3.21 for recording of this assignment, I as an ASSIGNOR signing below hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert above the filing date and application number when it becomes known.

- (d)  International application no. PCT/\_\_\_\_\_.
- (e)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_.
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (f)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof, which may be necessary or desirable to carry out the purposes thereof.

\_\_\_\_\_  
Zhi-Pei Liang  
 Type Name of Inventor

\_\_\_\_\_  
  
 Signature of Inventor

Date: 6/18/08

Subscribed and sworn to before me  
This 18<sup>th</sup> day of June, 2008

Tracy A. Hunter  
 Notary Public State of Illinois  
 Commission Expires: August 2, 2010

