



11-14-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

RE



Docket No.: 5820.652

To the Director of the U.S. Patent and

103118615

to receive the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Hong Liu

Execution Date(s) 10/19/2005

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: The Board of Regents of the

Internal Address: University of Oklahoma

Office of Technology Development

Street Address: One Partners' Place, Suite 1510

350 David L. Boren Blvd.

City: Norman

State: Oklahoma

Country: USA Zip: 73072-7264

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/171,006

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dunlap, Codding & Rogers, P.C.

Internal Address: Suite 1000

Street Address: 1601 NW Expressway

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

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1013

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b. Deposit Account Number

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**9. Signature:**

Marc Brockhaus

11/07/2005

Signature

Date

Marc A. Brockhaus, Reg. No. 40,923

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## **ASSIGNMENT**

WHEREAS:, Hong Liu, 3812 Chamberlyn Way, Norman, OK 73072, citizenship China; (hereinafter referred to as ASSIGNOR, has invented and owns a certain invention entitled: PHASE-CONTRAST X-RAY IMAGING SYSTEMS AND METHODS, application for Letters Patent of the United States was filed June 29, 2005, U.S. Serial No. 11/171,006 and;

WHEREAS: The Board of Regents of the University of Oklahoma, a legal entity of the State of Oklahoma (hereinafter referred to as ASSIGNEE), is desirous of acquiring interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: in consideration of the receipt of good and valuable consideration, which is hereby acknowledged, and in reliance on the Patent Policy of The Board of Regents of the University of Oklahoma, adopted October 14, 1982, a copy of which is attached hereto as Exhibit A and made a part hereof, ASSIGNOR have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Patent and Trademark Office Officials in the United States and any and all foreign countries to issue any and all of said Patents, when granted, to said ASSIGNEE, as the ASSIGNEE of ASSIGNORS' entire right, title and interest in and to the same, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

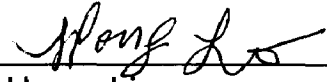
FURTHER, ASSIGNOR agree that ASSIGNOR will communicate to said ASSIGNEE, or its representatives, any facts known to Assignors respecting said invention, and will testify in any legal proceedings, sign all lawful papers,

execute all divisions, continuations, substitutions, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Patents to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

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

Dated:

10 / 19 / 05

  
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Hong Liu