

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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**1. Name of conveying party(ies)**

NIRMALA RAMANUJAM  
LEE G. WILKE

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

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

Name: DUKE UNIVERSITY

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

Street Address: 2812 Erwin Road, Suite 306

City: Durham

State: NC

Country: USA Zip: 27705

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

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

Execution Date(s) 08/20/2007

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
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- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

A. Patent Application No.(s) 12/830,078

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Christopher P. Perkins  
Jenkins, Wilson, Taylor & Hunt, P.A.

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

Street Address: Suite 1200 University Tower  
3100 Tower Boulevard

City: Durham

State: NC Zip: 27707

Phone Number: 919-493-8000

Fax Number: 919-419-0383

Email Address: cperkins@jwth.com

**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**

Deposit Account Number 50-0426

Authorized User Name JENKINS, WILSON, TAYLOR & HUNT, P.A.

**Attorney Docket No. 180/209/3 DIV**

9. Signature:  Signature

July 6, 2010 Date

Christopher P. Perkins  
Name of Person Signing

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

**4**

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**PATENT**

**REEL: 024641 FRAME: 0627**

**700440602**

CH \$40.00 600426 12830078

PATENTAtty Docket: 180/209/2ASSIGNMENT

WHEREAS, we, Nirmala Ramanujam of Chapel Hill, North Carolina and Lee G. Wilke of Chapel Hill, North Carolina (hereinafter "Assignors"), have invented certain new and useful improvements in OPTICAL ASSAY SYSTEM FOR INTRAOPERATIVE ASSESSMENT OF TUMOR MARGINS for which a U.S. Patent Application was filed on March 29, 2007 as Serial No. 11/729,967.

AND, WHEREAS, Duke University, a non-profit organization located at Durham, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the invention and application, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.



Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its

**PATENT****REEL: 024641 FRAME: 0628**



Atty. Docket No.: 180/209/2

representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 20th day of August 2007.

Nirmala Ramanujam    
Nirmala Ramanujam

Witnessed by:

 8/20/07   
Name Date

\_\_\_\_\_  
Name Date

\*\*\*\*\*

Atty. Docket No.: 180/209/2

Executed this 20 day of August 2007.

Lee G. Wilke  
Lee G. Wilke

Witnessed by:

Marcia White 8/20/2007  
Name Date

Heather Cayton 8/20/07  
Name Date

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