

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3542700

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|---|---|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | ANUPAMA NATARAJAN | 07/22/2009 |
| RECEIVING PARTY DATA | | |
| Name: | THE UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC. | |
| Street Address: | 12201 RESEARCH PARKWAY, SUITE 501 | |
| City: | ORLANDO | |
| State/Country: | FLORIDA | |
| Postal Code: | 32826 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 12938701 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (404)645-7707 | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | | |
| Phone: | 404-645-7700 | |
| Email: | ksvenson@mcciplaw.com | |
| Correspondent Name: | KIRSTEN L. SVENSON | |
| Address Line 1: | MEUNIER CARLIN & CURFMAN LLC | |
| Address Line 2: | 999 PEACHTREE ST. NE, SUITE 1300 | |
| Address Line 4: | ATLANTA, GEORGIA 30309 | |
| ATTORNEY DOCKET NUMBER: | 10613-019US1 | |
| NAME OF SUBMITTER: | KIRSTEN L. SVENSON | |
| SIGNATURE: | /Kirsten L. Svenson/ | |
| DATE SIGNED: | 09/25/2015 | |
| Total Attachments: 4 | | |
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| source=10613-019US1_Natarajan#page2.tif | | |
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| source=10613-019US1_Natarajan#page4.tif | | |



UNIVERSITY OF CENTRAL FLORIDA
COLLEGE OF GRADUATE STUDIES
Graduate Assistantship Agreement

APPROVED
Neha Winter 8/11/09
 Signature Date
 Division of Graduate Studies

Supplemental Form ID:
 Edit Existing Job ID:
 Hire ID: 30120
 Form ID: bc9ad18d-e05c-49e7-c775-43e385c68391
 Last saved: 7/30/2009 5:18 PM
 Last printed: 7/30/2009 5:18 PM

Name First: Anupama Last: Natarajan EMPLID: 1731633 Date: 7/22/2009

On behalf of the President and Board of Trustees of the University of Central Florida and the Florida Board of Governors, and in accordance with the regulations appertaining thereto and further subject to the constitution and laws of the state of Florida, you are offered a graduate assistant appointment.

Assistantship Start Date: 8/17/2009 End Date: 8/16/2010 Standard Hours (per week): 20

Hiring Department or Program: NanoScience Technology Center College: Biomedical Sciences

Your appointment under this agreement will cease on the date indicated. No further notice of cessation of employment is required. This appointment may be renewed only by a mutual agreement between the student and the University of Central Florida.

Assistantship Category (Please check one)

- ☐ Graduate Research Associate (Job Code 9181) ☐ Graduate Teaching Associate (Job Code 9183)
☒ Graduate Research Assistant (Job Code 9182) ☐ Graduate Teaching Assistant (Job Code 9184)
☐ Graduate Assistant (Job Code 9186) ☐ Graduate Teaching Grader (Job Code 9187)

Assignment: Dr. James Hickman's lab.

Faculty Supervisor's Name: Dr. James Hickman

Supervisor's EMPLID: 1730324

Stipend and Resident Tuition Remission

| Term | Waiver Dept No. | Dept/ Proj No. | Total Stipend: \$22,000.00 | Optional Fees | Credit Hours | Percent Distribution | Resident Tuition Payment |
|--------|-----------------|----------------|----------------------------|---------------|--------------|----------------------|--------------------------|
| Fall | | 20080042 | <input type="checkbox"/> | \$0.00 | 3 | 100 | \$712.68 RN |
| Spring | | 20080042 | <input type="checkbox"/> | \$0.00 | 3 | 100 | \$712.68 RN |
| Summer | | 20080042 | <input type="checkbox"/> | \$0.00 | 3 | 100 | \$712.68 RN |

I authorize the Office of Student Accounts to process a Department/Project payment from the Department/Project specified above for the student indicated on this assistantship agreement.

* Based on official rate of 237.56. Actual term rate may be modified by the UCF Board of Trustees.

DAL (Department Authorization List) Signature: *[Signature]*

Print Name: Rajeswari Natarajan

Initials: RN

EMPLID: 0408626

Phone No.: 407-882-1144

Date: 7/22/2009

Conditions of Assistantship

- Graduate students are not allowed to be appointed more than 20 hours per week in fall and spring and up to 30 hours per week in summer.
- Agreement is contingent upon full-time enrollment as specified in the Graduate Catalog.
- Assistantship may be curtailed, diminished, or terminated at any time, by reason of any one of the following:
 - failure of the employee, in the academic judgment of the College or University, to maintain satisfactory student status or to make appropriate progress towards the degree;
 - incompetence, which is documented, or misconduct of the employee;
 - completion of degree requirements;
 - lack of funds as a result of adverse financial conditions;
 - no further need, in the opinion of the University, Department or other unit, for the functions being performed; or
 - for international students, if visa status is not maintained.

Acceptance by Appointee

Please indicate your acceptance of this offer by signing and then returning the original to your Department.

Signature of Appointee: *Anupama*

Date: _____

Approval Signatures

Signed by Department Chair or Hiring Official: *[Signature]*

Date: 8-6-09

Signed by College Dean or Director: *[Signature]*

Date: _____

For more information, please contact the UCF College of Graduate Studies at 407-620-2766 (Millican Hall 230, P.O. Box 160112, Orlando, FL 32816-0112). Additional information on the Academic Common Market, including contact information for state coordinators and all available academic programs, can be found on the Southern Regional Education Board (SREB) website, www.sreb.org.

Proprietary and Confidential Information

It is the intent of the University to foster the professional development of its faculty and students. In particular, the proprietary and patent policies serve to protect the interests of UCF graduate students so that they can engage in research that will ultimately be published. In no circumstances should the University knowingly enter into agreement with outside agencies that would prevent the ultimate publication of the graduate student's work, as a thesis or dissertation or other means. These policies also help to clarify protections for intellectual property contained in theses/dissertations for students who engage in employment outside the University.

If thesis or dissertation work is supported by a contractual agreement with an outside agency, and provision was made in the agreement to delay disclosure of the study's results for the purpose of filing a patent or copyright, then this section describes procedures for handling the thesis/dissertation. (See also Patent and Invention Policy below for explanations of rights associated with patents and copyrights.)

1. Only for those theses and dissertations where a prior written agreement was made between UCF and an outside agency or where the University wishes to pursue a copyright/patent may publication of the thesis/dissertation be delayed, or in exceptional circumstances as determined by the University on a case by case basis. Review and delay of disclosure of the thesis/dissertation may take up to 6 months.
2. The review by the outside agency or by the University for the purpose of copyright or patent will follow the oral defense of the document. If it appears that the review process will delay certification of the degree or if the delay of disclosure is excessive, the certification process will be completed but the thesis or dissertation will not be released for up to 6 months.
3. No graduate degree will be awarded when the thesis or dissertation, after a reasonable interval, is not available to the public. If material is sensitive, classified, or will be patented, the thesis or dissertation will not be released for up to 6 months.
4. Contractual agreements that contain provisions for review and delay of disclosure shall be reviewed by the Office of Research and Commercialization. Exceptional cases may include a delay of disclosure for more than six months and/or review prior to the oral defense.
5. The student and the student's Adviser shall be informed of the possibility of the delay of disclosure at the time of appointment of the Adviser.

Patent and Invention Policy

The "Patent and Invention Policy" for graduate students is included here in its entirety. Departments and colleges should discuss this policy with graduate students at orientations.

PREMISE: UCF has three fundamental responsibilities with regard to graduate student research. They are to (1) support an academic environment that stimulates the spirit of inquiry, (2) develop the intellectual property stemming from research, and (3) disseminate the intellectual property to the general public. In most cases, UCF owns the intellectual property developed using university resources. The graduate student as inventor will according to this policy share in the proceeds of the invention.

1. **University Authority and Responsibilities:** Florida Statute Section 1004.23 authorizes the University to take any action necessary to secure letters of patents, copyrights, and trademarks on any work products and to enforce its rights therein. This policy applies to graduate students who are considered University personnel.
2. **Definitions:** For the purposes of this policy the following definitions shall apply:
 - a. A **work** includes any copyrightable material (other than journal articles) such as printed material, computer software or databases, audio or visual materials, circuit diagrams, mask works, architectural and engineering drawings, lectures, musical or dramatic compositions, choreographic works, pictorial or graphic works, and sculptural works.
 - b. An **invention** includes any discovery, invention, process, composition of matter, article of manufacture, know-how, design, model, technological development, strain, variety, culture of any organism, or portion, modification, translation, or improvement of these items, and any mark used in connection with these items.
 - c. **Instructional Technology Material** includes motion pictures, film strips, photographic and other similar visual materials, live video and audio transmissions, computer programs, computer-assisted instructional course work, programmed exhibits, and combinations of the above materials, which were prepared or produced in whole or part by a graduate student, and

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which are used to assist or enhance instruction.

- d. **University Support** includes the use of University funds, personnel, facilities, equipment, materials, or technological information, and includes such support provided by other public or private organizations when it is arranged, administered, and/or controlled by the University.
- e. **Student-generated Effort** means that the ideas come from the graduate student alone outside the field or discipline for which the graduate student is employed by the University, the work was not made with the use of University support, and the University is not held responsible for any opinions expressed in the effort.
- f. **Research** means the inquiry or examination in some field of knowledge undertaken to establish facts or principles that are true. Research, as used in this policy, does not include work done in an internship or coop setting where new knowledge in a field is not actively sought, but rather a setting that offers a real life experience for the graduate student.

3. Works)

- a. **Student-generated Effort**—A work made solely by the graduate student, outside the field or discipline for which the graduate student is employed by the University, is the property of the graduate student, who has the right to determine the disposition of such work and the revenue derived from such work.
- b. **University-supported Efforts**—If the work was not made solely in the course of student-generated efforts, the work is the property of the University, and the graduate student shall share in the proceeds therefrom.
- c. **Disclosure**
 - 1. Upon creation of a work that is potentially patentable, and prior to any publication, the graduate student shall disclose to the Office of Research and Commercialization any work made in the course of University-supported efforts, together with an outline of the project and the conditions under which it was done.
 - 2. The Office of Research and Commercialization shall gather information to assess the relative equities of the graduate student and the university in the work.
 - 3. Within 120 days after such disclosure, the Office of Research and Commercialization will inform the graduate student whether the university seeks an interest in the work.
 - 4. The graduate student and the university shall not commit any act which would tend to defeat the university's or graduate student's interest in the work and shall take any necessary steps to protect such interests.

4. Invention(s)

- a. **Student-generated Efforts**
All inventions made outside the field or discipline in which the graduate student is employed by the university and for which no university support has been used are the property of the graduate student.
- b. **University-supported Efforts**
An invention made in the field or discipline in which the graduate student is employed by the university, or receiving university support, is the property of the university and the graduate student shall share in the proceeds therefrom.
- c. **Disclosure**
 - 1. A graduate student as inventor or co-inventor shall fully and completely disclose to the Office of Research and Commercialization all inventions which the inventor(s) may develop or discover while a graduate student of the University, together with an outline of the conditions under which it was done. With respect to inventions made during the course of approved outside employment, the graduate student as inventor or co-inventor may delay such disclosure, when necessary to protect the outside employer's interest, until the decision has been made by the outside employer whether to seek a patent.
 - 2. The Office of Research and Commercialization shall inform the graduate student as inventor as well as all other inventors within 120 days of disclosure as to whether the University wishes to assert an ownership interest in the intellectual property.
 - 3. The division of proceeds generated by the licensing or assignment of an invention, shall be according to the established royalty division set forth in the patent policy of the University of Central Florida Research Foundation.
 - 4. The graduate student as inventor(s) and the University shall not commit any act which would tend to defeat the University's or inventor's interest in the invention and shall take any necessary steps to protect such interests.

5. Release of Rights

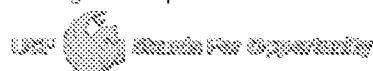
At any stage of making the patent applications, or in the commercial application of an invention, if it has not otherwise assigned to a third party the right to pursue its interests, the Office of Research and Commercialization may elect to withdraw from further involvement in the protection or commercial

application of the invention. At the request of the graduate student in such case, the University shall transfer the invention rights to the inventor(s), in which case the invention shall be the inventor(s) property, and none of the costs incurred by the University or on its behalf shall be assessed against the inventor in whole or in part.

6. University Policy

- a. The University has a policy addressing the division of proceeds between graduate students and faculty when the research is done and results in a dissertation. University Regulations, 6C7-2.029 Copyrights and Patents). The University also has a policy addressing the division of proceeds between UCF inventor(s) and the University (see University Regulations, 6C7-2.029). It is also contained in the Patents and Copyrights Policy of the UCF Research Foundation. The same division of royalties will apply in the disbursement of royalty income to graduate students as inventor(s), unless this has been negotiated in a separate contractual agreement.
- b. All sponsored research done by graduate students enrolled at the University for and with companies must have a contractual agreement with UCF negotiated at the start of that research. Graduate students must be informed at the start of the research about any contractual agreements that would concern future publication of their research work.
- c. Dissertation or thesis dissemination can be delayed because of patent or proprietary information concerns of a sponsor. This can occur when a prior contractual agreement has been entered into that includes provisions for a research sponsor's review between the sponsor and University. (See Proprietary and Confidential information above in the Graduate Catalog.)

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RECORDED 09/25/2015

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<http://www.2009-2010.graduatecatalog.ucf.edu/content/policies.aspx?id=5700> 5/18/2011