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Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

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Mark if additional names of conveying parties attached

Name (line 1) Alba Lalitha Ramaswamy Execution Date 9/8/2000  
Month Day Year

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) \_\_\_\_\_ Execution Date \_\_\_\_\_  
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Name (line 1) University of Maryland  If document to be recorded  
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Name (line 2) \_\_\_\_\_

Address (line 1) Office of Technology Commercialization

Address (line 2) 6200 Baltimore Avenue, Suite 300

Address (line 3) College Park Maryland 20742  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

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PATENT  
REEL: 012164 FRAME: 0224

Correspondent Name and Address Area Code and Telephone Number **410-465-6678**

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Address (line 3) **Ellicott City, MD 21043**

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **2**

Application Number(s) or Patent Number(s)  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<b>09/606,047</b>					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. PCT  PCT  PCT

Number of Properties Enter the total number of properties involved. # **1**

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment: Enclosed  Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # **18-2011**

Authorization to charge additional fees: Yes  No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Morton J. Rosenberg**  
Name of Person Signing

*Morton J. Rosenberg*  
Signature

**12 Sept 2001**  
Date



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PATENT TRADEMARK OFFICE

**INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT**

THIS AGREEMENT by and between **Alba Lalitha Ramaswamy** an individual having a principal residence at **2401 Calvert Street, Apt. 721 Calver House; Washington, DC 20008** (hereinafter referred to as "Assignor"), and the University of Maryland, having a principal office at Office of Technology Commercialization, College Park, Maryland 20742-9520 (hereinafter referred to as "Assignee").

**WITNESSETH:**

WHEREAS, Assignor has created and developed certain inventions, improvements, discoveries, software, or other intellectual property, as described in **Assignee Invention Disclosure No. PS-99-104** and for which we have made application for **Letters Patent of the United States, and further identified as Serial Number 09/606,047** entitled "**Laser-Activated Grenade with Agile Target Effects**" Filed **June 29, 2000** (hereinafter collectively referred to as the "Works"); and

WHEREAS, Assignor agrees that, to the extent the Works are, by operation of law or otherwise, not deemed to be works made for hire within the meaning of the Copyright Act, (Title 17, U.S.C. Section 101, et seq.), Assignor agrees to assign all of his/her right, title and interest in and to the Works to Assignee, and further agrees to take such further actions and to execute such further instruments that Assignee might find reasonable or necessary to perfect or to evidence more clearly its right and claim to exclusive ownership of all of Assignor's worldwide intellectual property interests respecting the Works; and

WHEREAS, Assignor and Assignee now wish to perfect and to evidence more clearly the right and claim of Assignee to exclusive ownership of all of Assignor's intellectual property interests respecting the Works.

NOW, THEREFORE, in consideration of the rights granted to Assignor under the University of Maryland Patent Policy and Copyright Policy, as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time, and other good and valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee, intending to be legally bound, do hereby covenant and agree as follows:

**Section 1. Assignment of the Works.**

Assignor hereby assigns, transfers and conveys to Assignee, its successors, assigns or other legal representatives, without the necessity of any consideration in addition to that recited herein, all of Assignor's right, title and interest in and to the Works. This assignment shall be operative with respect to all intellectual property rights in and to the Works, including (without limitation), (i) all copyrights in the United States and elsewhere, including all rights of registration, publication, renewal, rights to create derivative works and all other rights incident to copyright ownership, for the residue now unexpired of the present term of any and all such copyrights and any term thereafter granted during which the Works are entitled to copyright; (ii) all trade secrets, inventions, know-how, ideas and confidential information embodied or reflected in the Works, including any shop rights, for the longest period of protection accorded to such interest under applicable law; and (iii) all patent rights in the United States and elsewhere, including all rights of registration, publication, renewal, and all other works incident to copyright ownership, for the longest period of protection accorded to such interests under applicable law.

**Section 2. University of Maryland Copyright and Patent Policies.**

The assignment of rights perfected hereunder shall be governed by the University of Maryland Patent Policy and Copyright Policy as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time. Royalty income shall be allocated as set forth in those policies.

**Section 3. Warranty.**

Assignor warrants and covenants that he/she is an author or inventor of the Works and that as of the date of this Assignment, has taken no action respecting the Works which purports or attempts to transfer or encumber any right, title or interest in or to the Works to any other party; and covenants not to take such action in the future.

**Section 4. Jurisdiction.**

The validity, interpretation, and effect of this agreement shall be governed by the laws of the State of Maryland and of the United States of America. Any legal proceedings involving claims or disputes regarding this agreement shall be brought in the appropriate court in the State of Maryland.

WHEREAS, the parties have caused this Assignment to be executed on the dates below.

**ASSIGNOR**

Agreed to by: Alba Lalitha Ramaswamy

Date: 9/8/00

Printed Name: Alba Lalitha Ramaswamy

**ASSIGNEE (The University of Maryland)**

Acknowledged and Agreed to by:

James A. Poulos, III

Date: Sept 15 2000

Printed Name: James A. Poulos, III  
Title: Executive Director