

**PATENT ASSIGNMENT**

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| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                             |
| <b>NATURE OF CONVEYANCE:</b>   | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| <b>CONVEYING PARTY DATA</b>  |  |
| <b>Name</b>  | <b>Execution Date</b>                      |
| University of Pennsylvania   | 06/30/2011                                 |
| <b>RECEIVING PARTY DATA</b>  |  |
| <b>Name:</b>   | National Science Foundation                |
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| <b>City:</b>   | Arlington                                  |
| <b>State/Country:</b>  | VIRGINIA                                   |
| <b>Postal Code:</b>  | 22230                                      |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |
| <b>Property Type</b>   | <b>Number</b>                              |
| <b>Application Number:</b>   | 12548801                                   |
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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: Laser and/or Light Induced Shape Change and Budding of Polymer Vesicles Loaded with Ferritin Proteins

Inventor(s): Daniel Hammer, Gregory Robbins, Ivan Dmochowski

U.S. Filing/Issue Date: 8/27/2009

Patent or Application Serial No.: 12/548,801

Grant/Contract Number(s): DMR0520020

Foreign Applications filed/intended in (countries): \_\_\_\_\_

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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Signed this 30<sup>th</sup> day of June, 2009

By Kathryn A. Donohue (Signature)  
Institutional Business Official  
Director, Legal Affairs

Title Director, Legal Affairs

For UNIVERSITY OF PENNSYLVANIA  
(Grantee/Contractor Organization)

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