

9/28/10

09-28-2010



-EET

SEP 28 2010

5th Floor

To the Director of the U.S. Pat.

103607893

ed documents or the new address(es) below.

**1. Name of conveying party(ies)**Northwestern University  
EEC0118025, F49620-01-1-0401,  
HSARPA WRIWXH-05-2-0036, 0D000285Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 9 July 2008

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

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

Name: UNITED STATES AIR FORCE

Internal Address: AFOSR/PK

Street Address: 875 N. RANDOLPH STREET

SUITE 325, RM 3112

City: ARLINGTON

State: VA

Country: USA Zip: 22203

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)

12/063,206

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: UNITED STATES AIR FORCE

Internal Address: AFOSR/PK

Street Address: 875 N. RANDOLPH STREET

City: ARLINGTON

State: VA Zip: 22203

Phone Number: 703-696-7295

Fax Number: 703-696-9733

Email Address: geraldine.wilson@afosr.af.mil

**6. Total number of applications and patents involved:****7. Total fee** (37 CFR 1.21(h) & 3.41) \$0

- ☐ 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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

24 September 2010  
Date

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 (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## License to the United States Government

Sign and Fax this to (301) 480-0272

Title of Formal Application: Composite Particles

Invention Title: Magnetic Gold Nanoparticle Probes Prepared by a Layered Approach

Inventor(s): Savka I Stoeva, Chad A Mirkin, Jae-Seung Lee, Fengwei Huo

U.S. Filing/Issue Date: 2/7/2008

Patent or Application Serial No.: 12/063,206 (filed as a national application from PCT/US06/31118)

Grant/Contract Number(s): EBC0118025, F49620-01-1-0401, HSARPA WRIWXH-05-2-0036, OD000285

Foreign Applications filed/Intended in (countries): Europe

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:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an Irrevocable power to inspect and make copies of the above-identified patent application

Signed this 9th day of July 2008

By Ann K. Adams, Associate Vice President  
(Name of Grantee/Contractor Official)

(Signature)

for Research Integrity, Office for Research Integrity  
Title \_\_\_\_\_

For NORTHWESTERN UNIVERSITY  
(Grantee/Contractor Organization)

At 5000 Sherman Avenue Suite 504 Evanston, IL 60201 US  
(Business Address)

Official Address of the Office for Research Integrity:  
750 North Lake Shore Drive, 7th Floor, Chicago, IL 60611