

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

S-107,853

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REEL: 018297 FRAME: 0414

FORM PTO-1619C

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**PATENT****Conveying Party(ies)**☐ Mark if additional names of conveying parties attached*Enter additional Conveying Parties*

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SRAJER, George	05	24	2006
Name (line 2)			
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Address (line 1)			
Address (line 2)			
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Name (line 1)			
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code

**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)**

11/447511					

**PATENT****REEL: 018297 FRAME: 0415**

FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

202-586-2810

Name Betty Winchester

Address (line 1) United States Department of Energy

Address (line 2) GC-62, MS 6F-067 (FORSTL)

Address (line 3) 1000 Independence Avenue, S.W.

Address (line 4) Washington, D.C. 20585-0162

## Pages

Enter the total number of pages of the attached conveyance document  
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## Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

11/447511

If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
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PCT

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## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

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

40.00

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Katherine Baldwin

Name of Person Signing



Signature

9-22-06

Date

PATENT

REEL: 018297 FRAME: 0416

Joint

U.S. Department of Energy  
PATENT ASSIGNMENT FORM

11/447511

WHEREAS, we, Daniel Haske<sup>l</sup> <sup>Citizen of Uruguay</sup>, Jonathan C. Lang and George Srajer citizens of the United States residing in Naperville, County of Will, State of ILLINOIS; in Naperville, County of Will, State of ILLINOIS; in Oak Park, County of COOK, State of ILLINOIS; have invented certain new and useful improvements in DIGITAL LOCK-IN DETECTION OF SITE-SPECIFIC MAGNETISM IN MAGNETIC MATERIALS for which we are about to file an application for United States Letters Patent, identified as S-107,853 and executed by us on the 24 day of May 2006; and on the 24 day of May 2006; and on the 24 day of May 2006:

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved and we agree that we will encounter or in which they may become involved and we agree that we will aid the Government of the United States in every way in protecting the inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

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WITNESS:

Andrea A. Classen  
(SEAL)

INVENTORS:

Daniel H. Hest

Date 5/24/06

WITNESS:

Andrea A. Classen  
(SEAL)

INVENTORS:

Jonathan C. Jay

Date 5/24/06

WITNESS:

Andrea A. Classen  
(SEAL)

INVENTORS:

George Snajen

Date 5/24/06Approved and consented to this 24th day of May, 2006

ATTEST:

Michael K. Elden  
(SEAL)

[Signature]

By Renee K. Carder, Ph.D. Strategic Research  
Assistant Vice President for ~~Program~~ Initiatives  
Development, Office of the Vice  
President for Research

Accepted for the Benefit of the Government of the United States.

WITNESS:

Patricia Baldini

UNITED STATES DEPARTMENT OF ENERGY

By [Signature]  
Assistant General Counsel for Patents