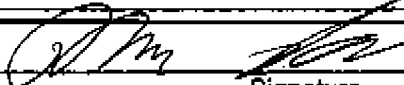


Form PTO-1595 (Rev. 07/05)
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| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> Street Address: <u>9800 S. Cass Ave</u> City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____ | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title) | |
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| 9. Signature:  <u>4/1/2010</u> <div style="display: flex; justify-content: space-between;"> Signature Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Michael J. Dobbs #58,093 Name of Person Signing <div style="text-align: right;"> Total number of pages including cover sheet, attachments, and documents: 2 </div> </div> | | |

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CONFIRMATORY LICENSE

Title of Invention: PIEZOELECTRICALLY ACTUATED ULTRANANOCRYSTALLINE
DIAMOND TIP ARRAY INTEGRATED WITH FERROELECTRIC
OR PHASE CHANGE MEDIA FOR HIGH DENSITY MEMORY

Inventor: Orlando H. Auciello

Patent Application Serial No.: 12/556,771 Filing Date: September 10, 2009
Patent Number: Issue Date:

Contractor: UChicago Argonne, LLC
DOE Contract No.: DE-AC02-06CH11357
DOE Case No.: S-119,889 ANL Case No.: ANL-IN-06-068B

The Contractor has reported the above-identified invention as a subject invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

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

Signed this 15th day of January, 2010

Contractor Name: UChicago Argonne, LLC

By: 

Mark D. Hilliard
Chief Patent Counsel
Argonne National Laboratory
UChicago Argonne, LLC