

S-112,578

Form PTO-1595 (Rev. 08/08)
OMB No. 0651-0027 (exp. 9/30/2008)U.S. DEPARTMENT OF COMMERCE
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SANDIA CORPORATION**2. Name and address of receiving party(ies)**Name: U.S. Department of EnergyInternal Address: GC-62 6F-067Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 03/20/2009

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

Street Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C.Country: _____ Zip: 20585-0162Additional 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)

12/394,831

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Brenda K. BanksInternal Address: GC-62 6F-067U.S. Department of EnergyStreet Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C. Zip: 20585-0162Phone Number: 202-586-2802Fax Number: 202-586-2805Email Address: brenda.banks@hq.doe.gov**6. Total number of applications and patents involved:****7. Total fee (37 CFR 1.21(h) & 3.41) \$**

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

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9. Signature: Brenda K Banks

Signature

3/30/09

Date

Brenda K. Banks

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Total number of pages including cover sheet, attachments, and documents:

2

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12/394,831

SD10663S112578

March 19, 2009

CONFIRMATORY LICENSE

Application for: PHONONIC CRYSTAL DEVICES
Inventor(s): Ihab F. El-Kady and Roy H. Olsson
Serial Number: 12/394,831
Filing Date: 02/27/2009
Contract No.: DE-AC04-94AL85000
Contractor: Sandia Corporation

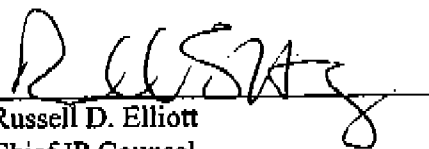
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract certified on January 9, 1996, governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

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

The Contract hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 20th day of MARCH, 2009.


Russell D. Elliott
Chief IP Counsel

If the invention was made under a subcontract, please identify the Prime Contractor:

_____, Prime Contract No. _____