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2. Name and address of receiving party(ies)

Name: U.S. Department of Energy

Internal Address: GC-62 6F-067

Street Address: 1000 Independence Avenue, S.W.

City: Washington

State: D.C.

Country: _____ Zip: 20585-0162

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4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/652,238

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Brenda K. Banks

Internal Address: GC-62 6F-067

U.S. Department of Energy

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Email 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 by credit card
☐ Authorized to be charged to deposit account
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9. Signature: Brenda K Banks
Signature

8/22/07
Date

Brenda K. Banks

Name of Person Signing

Total number of pages including cover

2

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11/652,238

DOE Docket ID1404.0
S-105,002**CONFIRMATORY LICENSE**

Title: Cascaded Injection Resonator for Coherent Beam Combining of Laser Arrays
Inventor(s): Vassili Kireev, Yun Liu, Vladimir Protopopescu, and Yehuda Braiman
Serial No.: 11/652,238
Filing Date (U.S.): January 11, 2007
Contractor: UT-Battelle, LLC
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) 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.

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

Signed this 10th day of June, 2007.

UT-Battelle, LLCBy Casey Porto
Director, Office of Technology Transfer