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**INTERNATIONAL BUSINESS MACHINES,  
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Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 4/7/2003

- ☐ Assignment ☐ Merger  
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☐ Other

**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)

B. Patent No.(s)

7,085,701

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brenda K. Banks

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U.S. Department of Energy

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**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

11/7/08

Date

Brenda K. Banks

Name of Person Signing

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**2**

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10/038311, Nov PAT  
7,085,701Patent Application Filed in  
the Name of the Contractor**CONFIRMATORY LICENSE**

**Title:** Size Reduction Techniques for VITAL  
**Compliant VHDL Simulation Models**  
**Inventor(s):** Marvin J. Rich et al.  
**LLNL Subcontract Number:** B338307  
**Subcontractor:** IBM

**DOE Docket No.:** S98,414  
**U.S. Patent Application:** S.N. 10/038311  
**Filing Date:** 1/2/2002  
**U.S. Patent No.:** 7,085,701  
**Issue Date:** AUG. 1, 2006

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

The Subcontractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified subcontract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated 2/15/2002.

WHEREAS, the above-identified subcontract provides the Subcontractor with the right to elect to retain title in certain inventions and the Subcontractor has reported the above-identified invention as a subject invention under the subcontract, has elected to retain title thereto, and has agreed to file a domestic patent application thereon, if not previously filed.

ACCORDINGLY, the Subcontractor hereby confirms that under the provisions of the above-identified subcontract 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 above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereupon.

The Government reserves for itself, and is hereby granted by the Subcontractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

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

Signed on behalf of: International Business Machines Corporation (IBM)

Witness: Carolyn Soriano

(Signature)

Carolyn Soriano

(Print/Type Name)

Assistant to Gerald Rosenthal

(Print/Type Title)

(Subcontractor Official's Signature)

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