

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7188090

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | UT-BATTELLE, LLC | 12/09/2021 |
| RECEIVING PARTY DATA | | |
| Name: | U. S. DEPARTMENT OF ENERGY | |
| Street Address: | 1000 INDEPENDENCE AVE | |
| City: | WASHINGTON | |
| State/Country: | D.C. | |
| Postal Code: | 20585 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 16451513 |
| CORRESPONDENCE DATA | | |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | | |
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| DATE SIGNED: | 02/22/2022 | |
| Total Attachments: 1 | | |
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CONFIRMATORY LICENSE

Title: Adaptive Time Scaling Method to Accelerate Finite Element Numerical Analysis of Transient Thermal Stress Problems
Inventor(s): Jian Chen, Hui Huang, Zhili Feng, Blair Carlson, Hui-Ping Wang, Wayne Cai
Serial No.: 16/451,513
Filing Date (U.S.): June 25, 2019
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.

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 agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

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

Signed this 9th day of December, 2021.

UT-Battelle, LLC

By 

Michael J. Paulus
Director, Office of Technology Transfer