

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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Assignment ID: PATI804266

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
REGENTS OF THE UNIVERSITY OF CALIFORNIA	11/07/2024
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<b>Company Name:</b>	U.S. Department of Energy
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<b>City:</b>	Washington
<b>State/Country:</b>	DISTRICT OF COLUMBIA
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11749747
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<b>NAME OF SUBMITTER:</b>	Cynthia Ridge
<b>SIGNATURE:</b>	/Cynthia Ridge/
<b>DATE SIGNED:</b>	02/05/2025
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 1</b>	
source=11-749747 License#page1.tiff	

## CONFIRMATORY LICENSE

**Title:** Ultra-bright pulsed electron beam with low longitudinal emittance  
**Contractor:** The Regents of the University of California  
**Contract No:** DE-AC02-05CH11231  
**LBNL Docket No:** IB-2168 **DOE Docket No.:** S-108,123

**Inventor(s):** Max Zolotarev **US Patent App No.:** 11/749,747  
**Filing Date:** May 16, 2007  
**U.S. Patent No.:** 7,755,069  
**Issue Date:** July 13, 2010

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

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated October 29, 1996.

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

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified 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 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 thereon.

The Government reserves for itself, and is hereby granted by the Contractor, 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 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.

**Signed on behalf of:** The Regents of the University of California, Lawrence Berkeley National Laboratory  
(Contractor)

**Witnessed:** DocuSigned by:  
KUEN, Kitty  
2C9B41D8C9A914...  
(Signature)  
Kitty YUEN  
Senior Legal Analyst, Patent Paralegal (LBNL-IPO)

**By:** DocuSigned by:  
Stephen Glade 11/7/2024  
E7C232A29DCC406...  
(Contractor Official's Signature) (Date)  
Stephen C. Glade  
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