U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) RECORDATION FORM COVER SHEET S-108,099 PSL PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: United States Department of Energy Caterpillar, Inc. Internal Address: Additional name(s) of conveying party(ies) attached? 🔛 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W Execution Date(s) 08/24/06 Assignment Merger City: Washington Security Agreement Change of Name Joint Research Agreement State: D.C. Government Interest Assignment Country: USA Zip: 20585 | ✓ | Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? 🔲 Yes 🗹 No Other 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 11/449,054 Additional numbers attached? Yes ✓ No. 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Mark P. Dvorscak 7. Total fee (37 CFR 1.21(h) & 3.41) \$____ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave. ✓ None required (government interest not affecting title) 8. Payment Information City: Argonne a. Credit Card Last 4 Numbers _____ ___Zip:<u>60439</u> State: |L Expiration Date _____ Phone Number: 630-252-2393 b. Deposit Account Number _____ Fax Number: 630-252-2779 Authorized User Name Email Address: 9. Signature: Signature Total number of pages including cover <u> Michael J. Dobbs #58,093</u> sheet, attachments, and documents: Name of Person Signing

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PATENT REEL: 021606 FRAME: 0826

CONFIRMATORY LICENSE

(Large Business - Advance Waiver)

Title

Dual Wire Welding Torch and Method

Inventor(s):

Matthew P. Robinson, Howard W. Ludewig, Alan L. Kilty and Keith M.

Egland

Serial No: 11/449,054

June 8, 2006 Filing Date (U.S.):

Contractor:

Caterpillar, Inc.

DOE Contract No.:

DE-FC36-03ID14462

DOE Case No.:

S-108,099

Patent Rights Clause No.:

FAR 52.227-12

DOE Advance Waiver No.: W(A)-03-035; CH-1157

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

To be determined at a later date.

An advance waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to the Contractor, and the above-identified invention having been reported as a Subject Invention to DOE by the Contractor with its election to file a domestic patent application thereon, the effective date of said waiver for the above invention is June 20, 2005.

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under 10 CFR 784 and the above-identified contract in this invention, patent application and any resulting patent and of all other rights acquired by the Government by the referenced patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this A day of A 4445 , 2006

Caterpillar Inc.

Contractor

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Seal

PATENT REEL: 021606,FRAME, 0827 **

RECORDED: 09/29/2008