Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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Alliance for Sustainable Energy, LLC	Name: United States Department of Energy
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Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) December 8, 2010 Assignment Merger	Street Address: 1000 Independence Ave., S.W
Security Agreement Change of Name	City: Washington
☐ Joint Research Agreement☐ Government Interest Assignment	State: <u>D.C.</u>
Executive Order 9424, Confirmatory License Other	Country: USA Zip: 20585 Additional name(s) & address(es) attached? Yes V No
A. Patent Application No.(s) Serial No. 12/950,442 Additional numbers att	B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed: Name:Mark P. Dvorscak	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address: U. S. Dept. of Energy, IPLD	Authorized to be charged by credit card
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PATENT

REEL: 025800 FRAME: 0103

DOE Docket No.: S-119,920

CONFIRMATORY LICENSE

Application for: EXTRACELLULAR SECRETION OF RECOMBINANT PROTEINS

Inventor(s):

Jeffrey G. Linger and Aldis Darzins

Serial No.:

12/950,442

Filing Date: Contract No.:

November 19, 2010 DE-AC36-08GO28308

Contractor:

Alliance for Sustainable Energy, LLC

The invention identified above is a ASubject Invention® under the above-numbered contract. A copy of the provisions of the above-numbered contract 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 to 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 agreement 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 8th day of December, 2010.

Associate General Counsel,

Intellectual Property

National Renewable Energy Laboratory 1617 Cole Blvd. Golden, CO 80401

> PATENT REEL: 025800 FRAME: 0104

RECORDED: 02/15/2011