## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
The Alliance for Sustainable Energy, LLC	07/16/2013

## RECEIVING PARTY DATA

Name:	U.S. Department of Energy
Street Address:	1000 Independence Avenue, S.W.
Internal Address:	GC-62, 6F-048
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20585-0162

## PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6989252

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	6,989,252
NAME OF SUBMITTER:	Katherine Baldwin
Signature:	/Katherine Baldwin/
Date:	07/23/2013

Total Attachments: 1

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PATENT REEL: 030855 FRAME: 0749 6989252

CH \$40,00

# ASSIGNMENT TO THE GOVERNMENT

PATENT NO.: 6,989,252

ISSUE DATE: 01-24-2006

SERIAL NO.: 09/748,690

FILING DATE: 12-22-2000

INVENTORS: Anastasios Melis, Liping Zhang, John R. Benemann, Marc Forestier, Maria

Ghirardi, Michael Seibert.

TITLE: Hydrogen Production Using Hydrogenase-Containing Oxygenic Photosynthetic

Organisms

The Alliance for Sustainable Energy, LLC is owner of the entire right, title, and interest in the above-identified invention as supported by the assignment recorded in the U.S. Patent and Trademark Office at Reel 021603 and Frame 0337, recorded on 09/30/2008.

The Alliance for Sustainable Energy, LLC hereby transfers the entire right, title, and interest in to the subject invention and resulting patents, to The United States Government, as represented by the United States Department of Energy, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patents wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States or its assigns to the full end of the term or terms for which Letters Patents are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

APPROVED, ACCEPTED AND CO	NSENTED TO this day of		
	The Alliance for Sustainable Energy, LLC		
	Stran Silberglei D		
	Name: Steven Silbergleid Title: Secondary		
ACCEPTED on behalf of the Government of the United States			
	United States Department of Energy		
	John T. Lucas		
	Assistant General Counsel for Technology Transfer and Intellectual Property		

**PATENT REEL: 030855 FRAME: 0750** 

RECORDED: 07/23/2013