



Form PTO-1595 (Rev. 03/09)  
OMB No. 0651-0027 (exp. 03/31/2009)

08/18/2011



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DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

REC

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

GU, Minghai;  
SUN, Songliang;  
LUO, Guangliang

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 05-23-2011; 01-10-2011; 01-07-2011

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies)**

Name: SYNTHESIS ENERGY SYSTEMS, INC.

Internal Address:

Street Address: THREE RIVERWAY, SUITE 300

City: HOUSTON

State: TEXAS

Country: USA

Zip: 77056

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/994,851

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kening Li, PINSENT MASONS LLP

Internal Address: c/o PM-IP USA, LLC

Street Address: P. O. Box 341426

City: West Bethesda

State: Maryland

Zip: 20827

Phone Number: 202-560-1916

Fax Number: 0086-21-63292696

Email Address: kening.li@pinsentmasons.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40**

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 504930

Authorized User Name Kening Li

**9. Signature:**

/Kening Li/  
Signature

Kening Li

Name of Person Signing

08/18/2011 KNGUYEN1 00000011 504930  
August 12, 2011

01 FC:0021 Date: 08/08/11

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 026790 FRAME: 0390

## ASSIGNMENT BY INVENTOR

**THIS ASSIGNMENT**, made by **Minghai GU, Songliang SUN and Guangliang LUO** (hereinafter referred to as Assignors);

**WHEREAS**, Assignors have invented certain new and useful improvements in **A HRSG FOR FLUIDIZED GASIFICATION**, as set forth in United States Patent Application No. 12/994,851 filed on November 27, 2010.

**WHEREAS, SYNTHESIS ENERGY SYSTEMS, INC.**, a corporation, organized under and pursuant to the laws of **United States of America**, having their principal place of business at **Three Riverway, Suite 300 Houston, TX 77056** (hereinafter referred to as Assignee), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient considerations, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignee, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, their successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of their successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to

interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, their successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**Pinsent Masons, LLP**

C/O PM-IP USA, LLC

All practitioners at Customer Number 69219

Date 2011-5-23	Signature of Inventor Minghai GU Printed name of Inventor	(Signature of Witness)  Printed name of Witness
Date	Signature of Inventor Songliang SUN Printed name of Inventor	(Signature of Witness)  Printed name of Witness
Date	Signature of Inventor Guangliang LUO Printed name of Inventor	(Signature of Witness)  Printed name of Witness

Printed name of Witness

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**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

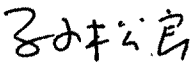
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All practitioners at Customer Number 69219

_____	_____	_____
_____	_____	_____
Date	Signature of Inventor	(Signature of Witness)
_____	Minghai GU	_____
_____	Printed name of Inventor	Printed name of Witness
_____	_____	_____
2011.1.10.		_____
Date	Signature of Inventor	(Signature of Witness)
_____	Songliang SUN	_____
_____	Printed name of Inventor	Printed name of Witness
_____	_____	_____
_____	_____	_____
Date	Signature of Inventor	(Signature of Witness)
_____	Guangliang LUO	_____
_____	Printed name of Inventor	Printed name of Witness

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	Minghai GU	
	Printed name of Inventor	Printed name of Witness
Date	Signature of Inventor	(Signature of Witness)
	Songliang SUN	
	Printed name of Inventor	Printed name of Witness
2011.1.7.		
Date	Signature of Inventor	(Signature of Witness)
	Guangliang LUO	
	Printed name of Inventor	Printed name of Witness

Printed name of Witness

## Table of Contents (Selected Documents)

Date	Code	Pages	PackageID	Source	Annotation	Handled by
08-12-2011	R3.73B	3	US 129948510FP1	EFSW		SPHAN1