502574883 11/19/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2620800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARLA R. WOLFSON	11/19/2013

RECEIVING PARTY DATA

Name:	SYNTHETIC GAS SOLUTIONS, LLC
Street Address:	3310 EAST 4TH STREET
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85716

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12613625

CORRESPONDENCE DATA

 Fax Number:
 (215)567-5057

 Phone:
 215-568-4900

Email: asluzas@paulandpaul.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: PAUL & PAUL

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Address Line 2: SUITE 2900

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	127-09 - ORDER NO: 0647
NAME OF SUBMITTER:	ALEX R. SLUZAS
Signature:	/Alex R. Sluzas/
Date:	11/19/2013

Total Attachments: 3

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> PATENT REEL: 031633 FRAME: 0386

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ASSIGNMENT

WHEREAS, I, Thomas H. Shaffer, Old Orchard Lane, P.O. Box 337, Chadds Ford, PA 19317, I Robert G. Stern, 3310 East 4th Street, Tucson, AZ 85716, and I Maria R. Wolfson, 806 East Gravers Lane, Wyndmoor, PA 19038 (hereinafter referred to as "the undersigned"), have invented an improvement in PERFLUOROCARBON GAS INSUFFLATION, for which the undersigned executed a utility application for Letters Patent of the United States of America, Application No. 12/613,625 filed in the United States Patent and Trademark Office on November 6, 2009.

WHEREAS, Synthetic Gas Solutions, LLC., a limited liability company of the State of Delaware, 3310 East 4th Street, Tucson, AZ 85716, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in said inventions, said applications and all letters patent issuing for said inventions;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is acknowledged by the undersigned, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the Assignee and Assignee's legal representatives the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said inventions, said patent applications and all nonprovisional applications and divisions and continuations thereof, and in all letters patent including all relssues thereof, issuing for said inventions.

It is agreed that the undersigned shall be legally bound, upon request of the Assignee, to supply all information and evidence relating to the making and practice of said inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the inventions in the United States and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

Witness:	
	Thomas H. Shaffer

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	Robert G. Stern
Witness:	Vala Puri
TV TH	Maria R. Wolfson (L.S
	COMMONWEALTH OF PENNSY
State of Pennsylvania:	MARY ANN DURKIN, Notary Pt City of Philadelphia, Phila. Cou Mx Schunission Patiers June 24
County of:	Marythants
	J 11/

	Notary Public
State of Arizona:	Notary Public
State of Arizona: ss. County of;	Notary Public
Ss. County of: On this day of, 201 The known to be the person(s) described in the content of the conte	3, before me personally appeared Robert G. Ster
Ss. County of; On this day of, 201 The known to be the person(s) described in the person i	3, before me personally appeared Robert G. Stern in and who executed the foregoing instrument, and or the purposes therein contained.
Ss. County of; On thisday of, 201 The known to be the person(s) described in the control of the same for the control of the same for the control of the same for	3, before me personally appeared Robert G. Stern in and who executed the foregoing instrument, and or the purposes therein contained.
Ss. County of; On this day of, 201 The known to be the person(s) described in the control of the same for the s	3, before me personally appeared Robert G. Stern in and who executed the foregoing instrument, and or the purposes therein contained.
Ss. County of; On this day of, 201 The known to be the person(s) described in the control of the same for the s	3, before me personally appeared Robert G. Stern in and who executed the foregoing instrument, and or the purposes therein contained. By and year immediately written.

On this $\frac{19}{100}$ day of $\frac{100}{100}$, 2013, before me personally appeared Maria R. Wolfson to me known to be the person(s) described in and who executed the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately written.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL MARY ANN DURKIN, Notary Public City of Philadelphia, Phila. County My Commission Expires. June 29, 2016

11/19/13.

Nonary Public