

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SGL, Inc.	04/10/2012
RECEIVING PARTY DATA	
Name:	SGNA LLC
Street Address:	c/o Hawkes Financial LLC
Internal Address:	77 Bedford Road
City:	Katonah
State/Country:	NEW YORK
Postal Code:	10536
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	6987792
Patent Number:	5544597
Patent Number:	5634414
CORRESPONDENCE DATA	
Fax Number:	(415)268-7522
Phone:	415-268-6033
Email:	tdinh@mofo.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Morrison & Foerster LLP
Address Line 1:	425 Market Street
Address Line 4:	San Francisco, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	69131-3
NAME OF SUBMITTER:	Tuan Dinh

CH \$120.00 6987792

Total Attachments: 24

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ASSIGNMENT

WHEREAS, SGI, Inc., a Delaware corporation (“ASSIGNOR”) having offices at 1000 Potomac Street, NW, Suite 301, Washington, DC 20007, is the owner of an undivided right, title, and interest to the patents listed on Schedule A attached hereto (the “Patents”);

WHEREAS, SGNA LLC, a Delaware limited liability company having offices at c/o Hawkes Financial LLC, 77 Bedford Road, Katonah, NY 10536 (“ASSIGNEE”), desires to acquire the entire right, title, and interest in and to the Patents;

WHEREAS, ASSIGNOR executed four (4) Secured Promissory Notes, each dated June 23, 2005, and each amended by an Allonge dated June 30, 2010 (as so amended and as may be further amended, restated, modified or replaced from time to time, each, a “Note,” and collectively, the “Notes”), in favor of each of DTE Energy Ventures, Inc., OPG Ventures, Inc., Ocean Lines Limited, and Hydro-Québec Capitech Inc. (each, an “Original Noteholder,” and collectively, the “Original Noteholders”);

WHEREAS, ASSIGNOR’s obligations pursuant to the Notes are secured by that certain Security Agreement dated as of June 23, 2005, as amended by that certain Amendment to Security Agreement dated as of June 30, 2010 (collectively, the “Security Agreement”), granting the Patents as collateral;

WHEREAS, the Original Noteholders assigned all right, title and interest to each Note and the Security Agreement to the ASSIGNEE pursuant to an Assignment and Participation Agreement dated March 9, 2012 by and between ASSIGNEE and each Original Noteholder;

WHEREAS, in accordance with Section 28:9-610 of the District of Columbia Code, ASSIGNEE hereby states that ASSIGNOR has defaulted under its obligations owing to ASSIGNEE under each of the Notes;

WHEREAS, a notice of the security interest under the Security Agreement was recorded with the United States Patent and Trademark Office on June 23, 2005, Reel/Frame Number 016172/0585, a copy of which is attached hereto as Exhibit A;

WHEREAS, notices of the assignment of the security interest under the Security Agreement by each of the Original Noteholders to the ASSIGNEE were recorded with the United States Patent and Trademark Office on March 22, 2012, Reel/Frame Numbers 027900/0662, 027900/0742, 027900/0777 and 027900/0786 evidenced by document numbers 501860678, 501860683, 501860693 and 501860697, copies of which are attached hereto as Exhibit B;

WHEREAS, under the Security Agreement, ASSIGNOR has irrevocably appointed ASSIGNEE as ASSIGNOR’s attorney-in-fact, with full authority in the place and stead of ASSIGNOR and in the name of ASSIGNOR, after the occurrence and during the continuation of an event of default of its obligations to ASSIGNEE, for the purpose of exercising its remedies against the Patents (such power the “Power of Attorney”);

WHEREAS, ASSIGNEE has exercised its postdefault remedies pursuant to Section 28:9-610 of the District of Columbia Code, by selling the Patents at a disposition by public auction, whereby

ASSIGNEE credit-bid certain of the obligations owing by ASSIGNOR to ASSIGNEE, and ASSIGNEE was the prevailing bidder;

WHEREAS, by reason of the exercise of such remedies, ASSIGNEE has acquired the rights of the ASSIGNOR in the Patents;

WHEREAS, the name and mailing address of the secured party, the debtor and the transferee are set forth on Schedule B attached hereto;

NOW, THEREFORE, in consideration of ASSIGNEE's credit-bid amount at such public disposition, and pursuant to the Power of Attorney, and in accordance with Section 28:9-610 of the District of Columbia Code, and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, by and through ASSIGNEE as its attorney-in-fact, hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, all of ASSIGNOR's right, title, and interest throughout the world in, to, and under the said improvements, and the said Patents and all patents that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for patents that may hereafter be filed for said improvements or for the said Patents in any country or countries foreign to the United States; and ASSIGNOR, by and through ASSIGNEE as its attorney-in-fact, hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements and all patents resulting from the Patents to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR, by and through ASSIGNEE as its attorney-in-fact, does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all of ASSIGNOR's claims for damages and all of ASSIGNOR's remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the patents before or after issuance such assignment.

ASSIGNOR and ASSIGNEE hereby acknowledge and agree that the Patents are being transferred to ASSIGNEE "AS IS" and ASSIGNOR disclaims any warranty relating to title, possession, quiet enjoyment, or the like in this disposition.

[Remainder of page intentionally left blank]

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of April, 2012.

SGL, INC., by and through its attorney-in-fact, SGNA LLC

By: _____

Name: Arthur Samberg

Title: Managing Member

**ARYEH DAVIS
AS ATTORNEY IN FACT
FOR ARTHUR J. SAMBERG**

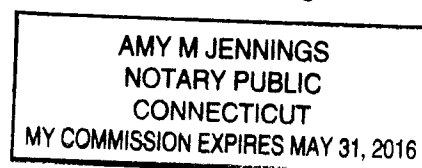
STATE OF Connecticut }
COUNTY OF Fairfield } ss.

On April 10, 2012, before me, Aryeh Davis, personally appeared and is _____ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature



Schedule A

Title	Docket No.	Ctry	Types	Application	Application No.	Granted	Patent No.
Plasma pyrolysis, gasification and vitrification of organic material	PCT No. PCT/US01/26076	USA	PCT	August 22, 2001	10/482,573	January 17, 2006	6,987,792
Plasma pyrolysis, gasification and vitrification of organic material	PCT No. PCT/US01/26076	European Patent	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	EP1419220
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Great Britain	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20090916
Plasma pyrolysis, gasification and vitrification of organic material	HE-European Patent	Denmark	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100224
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Belgium	PCT	August 22, 2001	01964255.2	16-Nov-2005	20100224
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Netherlands	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100215
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Spain	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100830
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Ireland	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100824
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Germany	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100818
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	France	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100901

Title	Docket No.	Ctry	Types	Application	Application No.	Granted	Patent No.
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Italy	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100826
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/26076	Sweden	EU-European Patent	August 22, 2001	01964255.2	16-Nov-2005	20100830
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/026076	Czech Republic	PT	August 22, 2001	PV2004-390	05-Mar-2007	CZ297852
Plasma pyrolysis, gasification and vitrification of organic material	+/US2001/026076	Malaysia	PT-Patent	August 22, 2001	PI20021561	28-Sep-2007	MY-131819-A
Plasma pyrolysis, gasification and vitrification of organic material	PCT/US01/026076	Canada	GR-Large Entity Granted Patent	August 22, 2001	2465905	14-Dec-2010	CA 2465905
Plasma pyrolysis, gasification and vitrification of organic material	195032	Poland	PN	August 22, 2001	P-368039	12-Jan-2007	195032 B1
Plasma pyrolysis and vitrification of municipal waste	UE-Small Entity Patent	USA	PCT	August 29, 1995	08/521,129	August 13, 1996	5,544,597
Process for plasma pyrolysis and vitrification of municipal waste	UE-Small Entity Patent	USA	PCT	July 10, 1996	08/677,988	June 3, 1997	5,634,414

Schedule B

Name and Mailing Address of Secured Party and Transferee

SGNA LLC
c/o Hawkes Financial LLC
77 Bedford Road
Katonah, NY 10536

Name and Mailing Address of Debtor

SGI, Inc.
1000 Potomac Street, NW, Suite 301
Washington, DC 20007

EXHIBIT A
Notice of Recordation of Security Interest

(Please see attached)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 23, 2005

PTAS

500036996A***500036996A***

BRIAN M. BUROKER
1900 K. STREET, N.W.; SUITE 1200
HUNTON & WILLIAMS
WASHINGTON, DC 20006

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/23/2005

REEL/FRAME: 016172/0585
NUMBER OF PAGES: 19

BRIEF: SECURITY AGREEMENT

ASSIGNOR:
SOLENA GROUP, INC.

DOC DATE: 06/23/2005

ASSIGNEE:
OPG VENTURES, INC.
700 UNIVERSITY AVE H1 C18
TORONTO, ONTARIO, CANADA M5G 1XG

ASSIGNEE:
OCEAN LINES LIMITED
759 SQUARE VICTORIA
MONTREAL, QUEBEC, CANADA H2Y 2K3

ASSIGNEE:
DTE ENERGY VENTURES, INC.
2000 2ND AVENUE
DETROIT, MICHIGAN 48226

016172/0585 PAGE 2

SERIAL NUMBER: 10482573

FILING DATE: 12/29/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF ORGANIC MATERIAL

SERIAL NUMBER: 08521129

FILING DATE: 08/29/1995

PATENT NUMBER: 5544597

ISSUE DATE: 08/13/1996

TITLE: PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

SERIAL NUMBER: 08677988

FILING DATE: 07/10/1996

PATENT NUMBER: 5634414

ISSUE DATE: 06/03/1997

TITLE: PROCESS FOR PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

SERIAL NUMBER: 10482573

FILING DATE: 12/29/2003

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US0126076

TITLE: PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF ORGANIC MATERIAL

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT

PATENT ASSIGNMENT

Electronic Version v1.1
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06/23/2005
500036996

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
Solena Group, Inc.	06/23/2005
RECEIVING PARTY DATA	
Name:	OPG Ventures, Inc.
Street Address:	700 University Ave H1 C18
City:	Toronto, Ontario
State/Country:	CANADA
Postal Code:	M5G 1XG
Name:	Ocean Lines Limited
Street Address:	759 Square Victoria
City:	Montreal, Quebec
State/Country:	CANADA
Postal Code:	H2Y 2K3
Name:	DTE Energy Ventures, Inc.
Street Address:	2000 2nd Avenue
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48226
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	10482573
Patent Number:	5544597
Patent Number:	5634414
PCT Number:	US0126076

CH \$160.00 10482573

CORRESPONDENCE DATA

Fax Number: (202)778-2201

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

Phone: 202 955 1500

Email: bburoker@hunton.com

Correspondent Name: Brian M. Buroker

Address Line 1: 1900 K. Street, N.W.; Suite 1200

Address Line 2: Hunton & Williams

Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

NAME OF SUBMITTER:

Brian M. Buroker

Total Attachments: 17

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EXHIBIT B
Notices of Recordation of Assignment Documents

(Please see attached)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 22, 2012

PTAS

MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

501860678

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 03/21/2012

REEL/FRAME: 027900/0662
NUMBER OF PAGES: 9

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 69131-3

ASSIGNOR:

DTE ENERGY VENTURES, INC.

DOC DATE: 03/09/2012

ASSIGNEE:

SGNA LLC
77 BEDFORD ROAD
KATONAH, NEW YORK 10536

APPLICATION NUMBER: 08521129

FILING DATE: 08/29/1995

PATENT NUMBER: 5544597

ISSUE DATE: 08/13/1996

TITLE: PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

APPLICATION NUMBER: 08677988

FILING DATE: 07/10/1996

PATENT NUMBER: 5634414

ISSUE DATE: 06/03/1997

TITLE: PROCESS FOR PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

APPLICATION NUMBER: 10482573

FILING DATE: 12/29/2003

PATENT NUMBER: 6987792

ISSUE DATE: 01/17/2006

TITLE: PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF ORGANIC MATERIAL

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Morrison & Foerster LLP
Address Line 1:	425 Market Street
Address Line 4:	San Francisco, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	69131-3
NAME OF SUBMITTER:	Tuan H. Dinh
Total Attachments: 7	
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UNITED STATES PATENT AND TRADEMARK OFFICE

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MARCH 22, 2012

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MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

501860683

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RECORDATION DATE: 03/21/2012

REEL/FRAME: 027900/0742
NUMBER OF PAGES: 9

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 69131-3

ASSIGNOR:

HYDRO-QUEBEC CAPITECH INC.

DOC DATE: 03/09/2012

ASSIGNEE:

SGNA LLC
77 BEDFORD ROAD
KATONAH, NEW YORK 10536

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PUBLIC RECORDS DIVISION

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Correspondent Name:	Morrison & Foerster LLP
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Address Line 4:	San Francisco, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	69131-3
NAME OF SUBMITTER:	Tuan H. Dinh
Total Attachments: 7	
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CH \$120.00 6987792



UNITED STATES PATENT AND TRADEMARK OFFICE

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MARCH 22, 2012

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MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

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RECORDATION DATE: 03/21/2012

REEL/FRAME: 027900/0777
NUMBER OF PAGES: 9

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ASSIGNOR:

OCEAN LINES LIMITED

DOC DATE: 03/09/2012

ASSIGNEE:

SGNA LLC
77 BEDFORD ROAD
KATONAH, NEW YORK 10536

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ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
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CONVEYING PARTY DATA	
Name	Execution Date
Ocean Lines Limited	03/09/2012
RECEIVING PARTY DATA	
Name:	SGNA LLC
Street Address:	77 Bedford Road
City:	Katonah
State/Country:	NEW YORK
Postal Code:	10536
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	6987792
Patent Number:	5544597
Patent Number:	5634414
CORRESPONDENCE DATA	
Fax Number:	(415)268-7522
Phone:	415-268-6033
Email:	tdinh@mofo.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Morrison & Foerster LLP
Address Line 1:	425 Market Street
Address Line 4:	San Francisco, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	69131-3
NAME OF SUBMITTER:	Tuan H. Dinh
Total Attachments: 7	
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CH \$120.00 6987792



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 22, 2012

PTAS

MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

501860697

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RECORDATION DATE: 03/21/2012

REEL/FRAME: 027900/0786
NUMBER OF PAGES: 9

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 69131-3

ASSIGNOR:
OPG VENTURES, INC.

DOC DATE: 03/09/2012

ASSIGNEE:
SGNA LLC
77 BEDFORD ROAD
KATONAH, NEW YORK 10536

APPLICATION NUMBER: 08521129 FILING DATE: 08/29/1995
PATENT NUMBER: 5544597 ISSUE DATE: 08/13/1996
TITLE: PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

APPLICATION NUMBER: 08677988 FILING DATE: 07/10/1996
PATENT NUMBER: 5634414 ISSUE DATE: 06/03/1997
TITLE: PROCESS FOR PLASMA PYROLYSIS AND VITRIFICATION OF MUNICIPAL WASTE

APPLICATION NUMBER: 10482573 FILING DATE: 12/29/2003
PATENT NUMBER: 6987792 ISSUE DATE: 01/17/2006
TITLE: PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF ORGANIC MATERIAL

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
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NAME OF SUBMITTER:	Tuan H. Dinh
Total Attachments: 7	
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RECORDED: 04/10/2012

PATENT
REEL: 028022 FRAME: 0750