

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DAVID C. MEISSNER</td> <td>03/03/2014</td> </tr> <tr> <td>MATTHEW C. STUBBING</td> <td>02/28/2014</td> </tr> <tr> <td>GARY E. METIUS</td> <td>02/28/2014</td> </tr> </tbody> </table>		Name	Execution Date	DAVID C. MEISSNER	03/03/2014	MATTHEW C. STUBBING	02/28/2014	GARY E. METIUS	02/28/2014				
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<table border="1"> <tr> <td>Name:</td> <td>MIDREX TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>2725 WATER RIDGE PARKWAY</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 100</td> </tr> <tr> <td>City:</td> <td>CHARLOTTE</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28217</td> </tr> </table>		Name:	MIDREX TECHNOLOGIES, INC.	Street Address:	2725 WATER RIDGE PARKWAY	Internal Address:	SUITE 100	City:	CHARLOTTE	State/Country:	NORTH CAROLINA	Postal Code:	28217
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CORRESPONDENCE DATA													
Fax Number:	(704)366-9744												
Phone:	704-790-3600												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
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Address Line 2:	SUITE 250												
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28211												
ATTORNEY DOCKET NUMBER:	5655												
NAME OF SUBMITTER:	LAWRENCE A. BARATTA, JR.												

Signature:	/Lawrence A. Baratta, Jr./
Date:	03/03/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=5655_Assignment#page1.tif source=5655_Assignment#page2.tif	

ASSIGNMENT

WHEREAS, David C. MEISSNER, Matthew C. STUBBING, and Gary E. METIUS (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

**SYSTEMS AND METHODS FOR GENERATING CARBON DIOXIDE FOR USE AS A
REFORMING OXIDANT IN MAKING SYNGAS OR REFORMED GAS**

for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, MIDREX TECHNOLOGIES, INC., 2725 Water Ridge Parkway, Suite 100, Charlotte, North Carolina 28217, USA (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.


IN WITNESS WHEREOF, we have hereunto set hand and signed on the date indicated below:


David C. MEISSNER

Date: 3.3.14

Matthew C. STUBBING

Date: _____


Gary E. METIUS

Date: 2/28/2014

ASSIGNMENT

WHEREAS, **David C. MEISSNER, Matthew C. STUBBING, and Gary E. METIUS** (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

**SYSTEMS AND METHODS FOR GENERATING CARBON DIOXIDE FOR USE AS A
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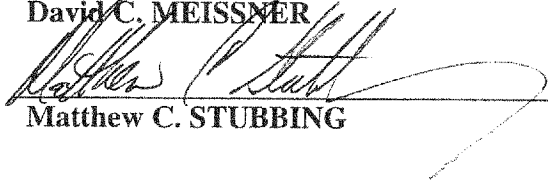
NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

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