

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|--|--------------------------------|---------------|----------------|---------------------|------------|----------------------|------------|
| NATURE OF CONVEYANCE: | NUNC PRO TUNC ASSIGNMENT | | | | | | |
| EFFECTIVE DATE: | 05/12/2010 | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andy H. HILL</td> <td>06/21/2010</td> </tr> <tr> <td>Chakravarthy SISHTLA</td> <td>06/21/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Andy H. HILL | 06/21/2010 | Chakravarthy SISHTLA | 06/21/2010 |
| Name | Execution Date | | | | | | |
| Andy H. HILL | 06/21/2010 | | | | | | |
| Chakravarthy SISHTLA | 06/21/2010 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | GAS TECHNOLOGY INSTITUTE | | | | | | |
| Street Address: | 1700 South Mount Prospect Road | | | | | | |
| City: | Des Plaines | | | | | | |
| State/Country: | ILLINOIS | | | | | | |
| Postal Code: | 60018 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13387627</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13387627 | | |
| Property Type | Number | | | | | | |
| Application Number: | 13387627 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| Phone: | 9149497210 | | | | | | |
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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: | Charles B. Rodman | | | | | | |
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| Address Line 2: | SUITE 2CE | | | | | | |
| Address Line 4: | WHITE PLAINS, NEW YORK 10603 | | | | | | |
| ATTORNEY DOCKET NUMBER: | RR-743 PCT/US; ITEM# 1127 | | | | | | |
| NAME OF SUBMITTER: | Charles B. Rodman | | | | | | |
| Total Attachments: 3 source=1253-06-AssignmentDoc#page1.tif source=1253-06-AssignmentDoc#page2.tif source=1253-06-AssignmentDoc#page3.tif | | | | | | | |

OP \$40.00 13387627

This Assignment dated effective the 12th day of May, 2010.

ASSIGNMENT

WHEREAS, We the following inventors

1. **ANDY H. HILL**
601 Coolidge Avenue
Glen Ellyn, Illinois
60137
United States of America

Citizenship – United States of America

2. **CHAKRAVARTHY SISHTLA**
8414 Chelsea Lane
Woodridge, Illinois
60517
United States of America

Citizenship – United States of America

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

**APPARATUS AND METHOD FOR
RECOVERING A HYDROCARBON DILUENT
FROM TAILINGS**

as set forth and described in an application for Letters Patent of the United States of America having the serial number 12/778,655 and filing date of the 12th day of May, 2010, and identified by Agent Docket No. RR-743, being hereinafter referred to as said "Invention"; and

WHEREAS, GAS TECHNOLOGY INSTITUTE, a not-for-profit corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 1700 South Mount Prospect Road, Des Plaines, Illinois 60018, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto

ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof, and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

Date: 6/21/2010

Anthony T. Lindsay
(Witness)

Andy H. Hill
ANDY H. HILL

DECLARATION OF WITNESS

I, ANTHONY T. LINDSAY, hereby declare that I was personally present and did see ANDY H. HILL duly sign and execute the Assignment.

Anthony T. Lindsay
Signature of Witness
Name: ANTHONY T. LINDSAY
Address: 1700 S Mt. PROSPECT RD
DESPAINES, IL 60018

Date: 6/21/2010

Anthony T. Lindsay
(Witness)

Chakravarthy Sishitla
CHAKRAVARTHY SISHTLA

DECLARATION OF WITNESS

I, ANTHONY T. LINDSAY, hereby declare that I was personally present and did see CHAKRAVARTHY SISHTLA duly sign and execute the Assignment.

Anthony T. Lindsay
Signature of Witness
Name: ANTHONY T. LINDSAY
Address: 1700 S. MIL PROSPECT RD
DES PLAINES, IL 60018