

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4180615

|                       |                |
|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

## CONVEYING PARTY DATA

| Name  | Execution Date |
|---|----------------|
| FLUOR ENTERPRISES, INC., A CALIFORNIA CORPORATION | 01/01/2004     |

## RECEIVING PARTY DATA

|                 |  |
|-----------------|--|
| Name:           | FLUOR TECHNOLOGIES CORPORATION, A DELAWARE CORPORATION |
| Street Address: | ONE ENTERPRISE DRIVE                                   |
| City:           | ALISO VIEJO  |
| State/Country:  | CALIFORNIA   |
| Postal Code:    | 92656  |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12401790 |

## CORRESPONDENCE DATA

Fax Number: (972)731-2289

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 972-731-2288

Email: dallaspatents@dfw.conleyrose.com

Correspondent Name: KRISTIN JORDAN HARKINS

Address Line 1: 5601 GRANITE PARKWAY, SUITE 500

Address Line 4: PLANO, TEXAS 75024

|                         |                        |
|-------------------------|------------------------|
| ATTORNEY DOCKET NUMBER: | 0104US5_4570-03103     |
| NAME OF SUBMITTER:      | KRISTIN JORDAN HARKINS |
| SIGNATURE:              | /kristinjordanharkins/ |
| DATE SIGNED:            | 12/12/2016             |

## Total Attachments: 34

source=Assignment\_from\_Fluor\_Enterprises\_Inc\_to\_Fluor\_Technologies\_Corporation#page1.tif  
 source=Assignment\_from\_Fluor\_Enterprises\_Inc\_to\_Fluor\_Technologies\_Corporation#page2.tif  
 source=Assignment\_from\_Fluor\_Enterprises\_Inc\_to\_Fluor\_Technologies\_Corporation#page3.tif  
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PATENT

REEL: 040884 FRAME: 0938



**FLUOR TECHNOLOGIES CORPORATION**

**WRITTEN CONSENT  
OF  
SOLE DIRECTOR  
TO  
ACTION TAKEN WITHOUT A MEETING**

The undersigned, being the sole Director of Fluor Technologies Corporation, a Delaware corporation (the "Corporation"), hereby adopts the following resolutions and consents to the actions of this Corporation authorized and directed thereby:

WHEREAS, Fluor Enterprises, Inc. ("FEI") is the holder of various patents (the "Contributed Interests"); and

WHEREAS, the Board of Directors has received and reviewed a copy of the Asset Contribution Agreement between FEI and this Corporation in the form of Exhibit A pursuant to which FEI will contribute its Contributed Interests to this Corporation (the "Asset Contribution Agreement");

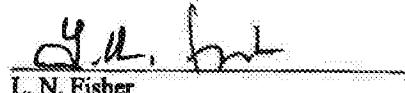
NOW, THEREFORE, BE IT RESOLVED, that the Contributed Interests are hereby approved and the form, terms, conditions and considerations set forth in the Asset Contribution Agreement and the transactions contemplated thereby be, and they hereby are, approved as the same may be amended, altered; modified or supplemented by the officers of the Corporation;

RESOLVED FURTHER, that the officers of the Corporation be, and each of them acting alone hereby is, authorized and empowered to cause the Corporation to enter into the Asset Contribution Agreement to which it is a party, with such changes thereto not materially inconsistent therewith as the officers of the Corporation may approve; and

RESOLVED FURTHER, that all actions heretofore taken by the officers of the Corporation in connection with or otherwise in contemplation of the transactions contemplated by any of the foregoing resolutions be, and the same hereby are ratified, confirmed and approved; and

RESOLVED FURTHER, that each of the officers of the Corporation is authorized and empowered on behalf of the Corporation and in its name to execute any applications, certificates, agreements, or any other instruments or documents or amendments or supplements thereto, or to do or to cause to be done any and all acts and things as such officers may in their discretion deem necessary or appropriate to carry out the purposes of the foregoing resolutions.

Dated as of January 1, 2004

  
L. N. Fisher

**PATENT  
REEL: 015541 FRAME: 0788**

**PATENT  
REEL: 040884 FRAME: 0940**

**FLUOR ENTERPRISES, INC.**

**UNANIMOUS WRITTEN CONSENT  
OF THE BOARD OF DIRECTORS  
TO ACTION TAKEN WITHOUT A MEETING**

The undersigned, being all of the Directors of Fluor Enterprises, Inc., a California corporation, pursuant to Section 307(b) of the California Corporations Code, hereby adopt the following resolutions and consent to the actions of this Corporation authorized and directed thereby:

WHEREAS, this Corporation is the holder of various patents (the "Contributed Interests"); and

WHEREAS, the Board of Directors has received and reviewed a copy of the Asset Contribution Agreement between Fluor Technologies Corporation ("FTC") and this Corporation in the form of Exhibit A pursuant to which this Corporation will contribute its Contributed Interests to FTC (the "Asset Contribution Agreement");

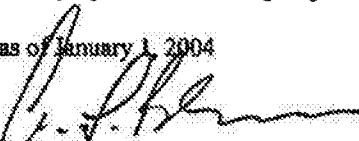
NOW, THEREFORE, BE IT RESOLVED, that the contribution of Contributed Interests is hereby approved and the form, terms, conditions and considerations set forth in the Asset Contribution Agreement and the transactions contemplated thereby be, and they hereby are, approved as the same may be amended, altered; modified or supplemented by the officers of the Corporation;

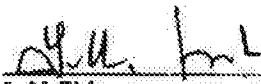
RESOLVED FURTHER, that the officers of the Corporation be, and each of them acting alone hereby is, authorized and empowered to cause the Corporation to enter into the Asset Contribution Agreement to which it is a party, with such changes thereto not materially inconsistent therewith as the officers of the Corporation may approve; and

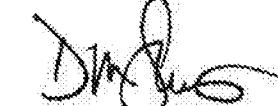
RESOLVED FURTHER, that all actions heretofore taken by the officers of the Corporation in connection with or otherwise in contemplation of the transactions contemplated by any of the foregoing resolutions be, and the same hereby are ratified, confirmed and approved; and

RESOLVED FURTHER, that each of the officers of the Corporation is authorized and empowered on behalf of the Corporation and in its name to execute any applications, certificates, agreements, or any other instruments or documents or amendments or supplements thereto, or to do or to cause to be done any and all acts and things as such officers may in their discretion deem necessary or appropriate to carry out the purposes of the foregoing resolutions.

Dated as of January 1, 2004

  
A. L. Boeckmann

  
L. N. Fisher

  
D. M. Steuer

**PATENT  
REEL: 015541 FRAME: 0789**

**PATENT  
REEL: 040884 FRAME: 0941**

**ASSET CONTRIBUTION AGREEMENT**

**by and between**

**Fluor Enterprises, Inc.,  
a California corporation**

**and**

**Fluor Technologies Corporation,  
a Delaware corporation**

**JANUARY 1, 2004**

**PATENT  
REEL: 016541 FRAME: 0790**

**PATENT  
REEL: 040884 FRAME: 0942**

**EXHIBITS**

Exhibit A

Contributed Interests

PATENT  
REEL: 015541 FRAME: 0791

PATENT  
REEL: 040884 FRAME: 0943

## ASSET CONTRIBUTION AGREEMENT

This Asset Contribution Agreement (this "Agreement") is made and entered into as of 12:02 a.m. California Time on January 1, 2004 (such time, the "Effective Time," and such date, the "Effective Date"), by and between Fluor Enterprises, Inc., a California corporation ("FEI"), and Fluor Technologies Corporation, a Delaware corporation ("FTC").

### RECITALS

- A. WHEREAS, FEI holds various patents specified in Exhibit A hereto (the "Contributed Interests"); and
- B. WHEREAS, FEI wishes to contribute to FTC, and FTC wishes to acquire from FEI, the Contributed Interests.

### AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual covenants hereinafter set forth and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the parties hereto hereby agree as follows:

1. Contributed Interests. Subject to the terms and conditions of this Agreement, as of the Effective Time FEI hereby contributes, conveys, transfers, assigns and delivers to FTC, and FTC hereby accepts, all of FEI's rights, title and interests in and to the Contributed Interests. The parties intend and agree that immediately upon execution and delivery of this Agreement all of FEI's rights, title and interests in and to all of the Contributed Interests shall be deemed transferred to FTC without the necessity of any further action, provided, however, FEI shall also deliver to FTC any and all documents as may be customary or appropriate to evidence the transfer of title to FTC of any Contributed Interests.
2. Representation Warranties. FEI hereby represents and warrants to FTC that, immediately prior to the Effective Time, FEI owned the Contributed Interests free and clear of all liens, security interests or other encumbrances. FEI hereby agrees to indemnify and hold harmless FTC with respect to any costs, expenses or losses incurred by FTC by reason of a breach of the foregoing representation. At the Effective Time, FTC shall own and have all rights to, and FEI shall have no further rights in, the Contributed Interests contributed to FTC under Section 1 above.
3. Tax Free Exchange. The parties agree and intend that the contribution of the Contributed Interests provided for hereunder is intended to constitute a tax free contribution of property by FEI to FTC in accordance with the provisions of Internal Revenue Code Section 351 and comparable provisions of state and local tax laws. The parties agree (i) to take all further actions and execute all further documents reasonably required to qualify such contribution as tax free under said tax laws, and (ii) to report such contributions in such manner for Federal, state and local income tax purposes.
4. Notices. All notices, requests, demands, consents and other communications under this Agreement shall be in writing and shall be deemed to have been duly given on the date of service if served personally on the party to whom notice is to be given, upon receipt of confirmation of transmission if transmitted by facsimile to the facsimile number set forth below, or 48 hours following deposit if deposited in the first class mail, registered or certified, return receipt requested, postage prepaid and properly addressed to the address set forth below (or to such other address as may be specified in a notice given to the other parties in accordance with this Section 4);

To FEI:                   Fluor Enterprises, Inc.  
One Enterprise Drive  
Aliso Viejo, CA 92656-2606  
Attn: Eric Helm  
Facsimile: (949) 349-6918

To FTC:                   Fluor Technologies Corporation  
One Enterprise Drive  
Aliso Viejo, CA 92656-2606  
Attn: Chris Obaditch  
Facsimile: (949) 349-6976

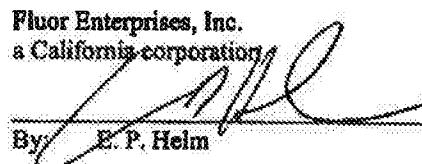
5. Binding Effect; Amendments. Every covenant, term, and provision of this Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, legatees, legal representatives, successors, transferees, and assigns. This Agreement may be amended, modified or supplemented only pursuant to a written instrument executed by all parties hereto.
6. Construction. Every covenant, term, and provision of this Agreement shall be construed simply according to its fair meaning and not strictly for or against any party.
7. Headings. Section and other headings contained in this Agreement are for reference purposes only and are not intended to describe, interpret, define, or limit the scope, extent, or intent of this Agreement or any provision hereof.
8. Severability. Every provision of this Agreement is intended to be severable. If any term or provision of this Agreement is illegal or invalid for any reason whatsoever, such illegality or invalidity shall not affect the validity or legality of the remainder of this Agreement.
9. Further Action. Each party agrees to perform all further acts and execute, acknowledge, and deliver any documents which may be reasonably necessary, appropriate, or desirable to carry out the provisions of this Agreement.
10. Variation of Pronouns. All pronouns and any variations thereof shall be deemed to refer to masculine, feminine, or neuter, singular or plural, as the identity of the person or persons may require.
11. Governing Law. The laws of the State of Delaware (without regard to the conflicts of laws provisions thereof) shall govern the validity of this Agreement, the construction of its terms, and the interpretation of the rights and duties of the parties.
12. Integration. This Agreement and any Exhibit hereto shall constitute the entire agreement among the parties hereto pertaining to the subject matter hereof and shall supersede all prior agreements and understandings pertaining thereto.
13. Waiver. No failure by any party hereto to insist upon the strict performance of any covenant, duty, agreement or condition of this Agreement or to exercise any right or remedy consequent upon a breach thereof shall constitute a waiver of any such breach or any other covenant, duty, agreement or condition.
14. Invalidity of Provisions. If any provision of this Agreement is or becomes invalid, illegal or unenforceable in any respect, the remaining provisions of this Agreement shall be construed and enforced so as to carry out the purpose of this Agreement.

15. No Third Party Beneficiaries. This Agreement is exclusively for the benefit of the parties. No other person is an intended beneficiary under this Agreement or shall have any rights hereunder.

16. Counterpart Execution. This Agreement may be executed in any number of counterparts with the same effect as if each party had signed the same document. All counterparts shall be construed together and shall constitute one agreement.

IN WITNESS WHEREOF, each of the parties has executed this Agreement as of the day and year first above written.

Fluor Enterprises, Inc.  
a California corporation

By:  E. P. Helm

Title: Assistant Secretary

Fluor Technologies Corporation,  
a Delaware corporation

By:  L. N. Fisher

Title: Secretary

Exhibit A

**CONTRIBUTED INTERESTS**

PATENT  
REEL: 015541 FRAME: 0796

PATENT  
REEL: 040884 FRAME: 0947

| Patent No.     | Title  | Type | Status           | Issue Date | Country            |
|----------------|--|------|------------------|------------|--------------------|
| 100325.0026BE  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign |            | 999333757.9        |
| 100325.0026DE  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | 68905175.4         |
| 100325.0026EPO | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | 999333757.9        |
| 100325.0026FR  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | EPO                |
| 100325.0026GB  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | 999333757.9 - 2218 |
| 100325.0026IT  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | 1108245            |
| 100325.0026NL  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Issued     | 999333757.9        |
| 100325.0026SA  | Characterization of Objects Using Laser Supplemented Photogrammetry  | FC   | Patent - Foreign | Pending    | 01220320           |
| 100325.0026US1 | Method for Supplementing Laser Scanned Data                          | FC   | Patent - US      | 0100550314 | US                 |
| 100325.0028TW  | Improved Process for the Recovery of CO <sub>2</sub> from Flue Gases | FC   | Patent - Foreign | Issued     | 7310692            |
| 100325.0074AU  | Split-Flow Process and Apparatus                                     | FC   | Patent - Foreign | Issued     | 17429/00           |
| 100325.0074CA  | Split-Flow Process and Apparatus                                     | FC   | Patent - Foreign | Pending    | 2351436            |
| 100325.0074EPO | Split-Flow Process and Apparatus                                     | FC   | Patent - Foreign | Pending    | 99980561.1         |
|                |  |      |                  |            | EPO                |

PATENT  
REEL: 015541 FRAME: 0796

PATENT  
REEL: 040884 FRAME: 0948

|                 |  |    |                  |             |                  |            |     |
|-----------------|--|----|------------------|-------------|------------------|------------|-----|
| 100325.0074EPOu | Split Flow Process and Apparatus                                     | FC | Patent - Foreign |             | Issued           | 29924171.8 | EPO |
| 100325.0074JP   | Split-Flow Process and Apparatus                                     | FC | Patent - Foreign | Pending     | 2000-583615      | JP         |     |
| 100325.00881US1 | Configuration and Process for Gasification of Carbonaceous Materials | FC | Patent - US      | 011104/0710 | Issued           | 6648931US  |     |
| 100325.0088AU   | Simulator Cart   | FC | Patent - Foreign |             |                  |            | AU  |
| 100325.0088CA   | Simulator Cart   | FC | Patent - Foreign | Pending     | 2367763          | CA         |     |
| 100325.0088EPO  | Simulator Cart   | FC | Patent - Foreign | Pending     | 00321449.5       | EPO        |     |
| 100325.0088EP0u | Simulator Cart   | FC | Patent - Foreign | Issued      | 20022944.3       | EPO        |     |
| 100325.0088JP   | Simulator Cart   | FC | Patent - Foreign | Pending     | 2000-614050      | JP         |     |
| 100325.0088KR   | Simulator Cart   | FC | Patent - Foreign | Pending     | 2001-7012223     | KR         |     |
| 100325.0088MX   | Simulator Cart   | FC | Patent - Foreign | Pending     | PA/a/2001/000656 | MX         |     |
| 100325.0088US1  | Simulator Cart   | FC | Patent - Foreign | Pending     | 039336080        | US         |     |
| 100325.0088US2  | Simulator Cart   | FC | Patent - US      | Pending     |                  |            | US  |
| 100325.0088VE   | Simulator Cart   | FC | Patent - Foreign | Pending     | 2000-001663      | VE         |     |
| 100325.00883US1 | Method and Apparatus for Producing Topocompositional Images          | FC | Patent - US      | 011101/0316 | Issued           | 6587600US  |     |
| 100325.0107AE1  | Process Configurations Having High Propane Recoveries                | FC | Patent - Foreign | Pending     | P113/2002        | AE         |     |
| 100325.0107AR1  | Process Configurations Having High Propane Recoveries                | FC | Patent - Foreign | Pending     | PO20101278       | AR         |     |

PATENT  
REEL: 016541 FRAME: 0797

PATENT  
REEL: 040884 FRAME: 0949

|                 |   |                           | Pending | 141342/01       | AU  |
|-----------------|---|---------------------------|---------|-----------------|-----|
| 100325.0107AU1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Pending | 2338791         | CA  |
| 100325.0107CA1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Pending |                 |     |
| 100325.0107FG   | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | N/A     |                 | FG  |
| 100325.0107MX1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Pending | PA202002/003946 | MX  |
| 100325.0107NG   | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Issued  | 4002000         | NG  |
| 100325.0107NO1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Pending | 2002 1853       | NO  |
| 100325.0107RU1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Issued  | RU2002110635    | RU  |
| 100325.0107SA1  | Process Configurations Having High Propane Recoveries | FC Patent - Foreign       | Pending | 03240438        | SA  |
| 100325.0107US1  | Methods and Apparatus For High Propane Recovery       | FC Patent - US 0126790466 | Issued  | 6801406         | US  |
| 100325.0111AU   | Improved Hydrogen and Carbon Dioxide Coproduction     | FC Patent - Foreign       | Pending | 2001139707      | AU  |
| 100325.0111CA   | Improved Hydrogen and Carbon Dioxide Coproduction     | FC Patent - Foreign       | Pending | 2432224         | CA  |
| 100325.0111CN   | Improved Hydrogen and Carbon Dioxide Coproduction     | FC Patent - Foreign       | Pending | 0182915.7       | CN  |
| 100325.0111EP   | Improved Hydrogen and Carbon Dioxide Coproduction     | FC Patent - Foreign       | Pending | 01273856.3      | EP  |
| 100325.0111EP24 | Improved Hydrogen and Carbon Dioxide Coproduction     | FC Patent - Foreign       | Issued  | 2012 990.5      | EPO |

PATENT  
REEL: 015541 FRAME: 0798

PATENT  
REEL: 040884 FRAME: 0950

|                 |   |    |                  |                           |                  |     |
|-----------------|---|----|------------------|---------------------------|------------------|-----|
| 100325.0111JP   | Improved Hydrogen and Carbon Dioxide Coproduction         | FC | Patent - Foreign | Pending                   | 2002-567436      | JP  |
| 100325.0111MX   | Improved Hydrogen and Carbon Dioxide Coproduction         | FC | Patent - Foreign | Pending                   | PA/a/2003/005402 | MX  |
| 100325.0111US1  | Improved Hydrogen and Carbon Dioxide Coproduction         | FC | Patent - US      | 0117380342<br>Issued      | 6500241          | US  |
| 100325.0111VE   | Improved Hydrogen and Carbon Dioxide Coproduction         | FC | Patent - Foreign | Pending                   | 2002-000018      | VE  |
| 100325.0113CA1  | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Pending                   | 2397372          | CA  |
| 100325.0113EP1  | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Pending                   | 01905.079.8      | EPO |
| 100325.0113EP0U | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Issued                    | 20121551.9       | EPO |
| 100325.0113JP1  | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Pending                   | 2001-554076      | JP  |
| 100325.0113KR1  | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Pending                   | 2002-7007257     | KR  |
| 100325.0113PCT  | Control System Simulation, Testing, and Operator Training | FC | Patent - PCT     | 012596/0039<br>Superseded | PC7/US01/02559   | PCT |
| 100325.0113US1  | Control System Simulation, Testing, and Operator Training | FC | Patent - US      | Allowed                   | 10129464         | US  |
| 100325.0113US2  | Control System Simulation, Testing, and Operator Training | FC | Patent - US      | Pending                   | 10952085         | US  |
| 100325.0113VE   | Control System Simulation, Testing, and Operator Training | FC | Patent - Foreign | Pending                   | 2001-000273      | VE  |
| 100325.0137AE   | High Propane Recovery Process and Configurations          | FC | Patent - Foreign | Pending                   | P53/03           | AE  |

PATENT  
REEL: 015541 FRAME: 0799

PATENT  
REEL: 040884 FRAME: 0951

|                  |  |    |                      |             |                  |          |
|------------------|--|----|----------------------|-------------|------------------|----------|
| 100325.0137AU    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 2001271587       | AU       |
| 100325.0137CA    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 2410540          | CA       |
| 100325.0137CN    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 018140246        | CN       |
| 100325.0137EA    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Issued      | 200300256        | -        |
| 100325.0137EP    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 019506161        | EP       |
| 100325.0137EP-Ou | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Issued      | 201219182        | EPO      |
| 100325.0137ID    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | W-00200300252    | ID       |
| 100325.0137MX    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | PA/a/2002/012207 | MX       |
| 100325.0137NO    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 2003 0654        | NO       |
| 100325.0137PRO   | High Propane Recovery Process and Configurations | FC | Patent - Provisional | 01109810816 | Expired          | 60224958 |
| 100325.0137US    | High Propane Recovery Process and Configurations | FC | Patent - US          | Allowed     | 10276857         | US       |
| 100325.0137US2   | High Propane Recovery Process and Configurations | FC | Patent - US          | Pending     | 10826438         | US       |
| 100325.0137VE    | High Propane Recovery Process and Configurations | FC | Patent - Foreign     | Pending     | 2001-001716      | VE       |
| 100325.0138PRO   | Improved Coke Chute Systems and Methods Therefor | FC | Patent - Provisional | 01098910401 | Expired          | 60203986 |
| 100325.0139US1   | Improved Coke Chute Systems and Methods Therefor | FC | Patent - US          | Pending     | 10275922         | US       |
| 100325.0139VE    | Improved Coke Chute Systems and Methods Therefor | FC | Patent - Foreign     | Pending     | 2001-001011      | VE       |

PATENT  
REEL: 015641 FRAME: 0800

PATENT  
REEL: 040884 FRAME: 0952

|                 |   |    |                  |            |            |                |    |
|-----------------|---|----|------------------|------------|------------|----------------|----|
| 100325.0143CA1  | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - Foreign |            | Pending    | 2415684        | CA |
| 100325.0143EP1  | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - Foreign |            | Pending    |                | EP |
| 100325.0143EP0U | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - Foreign |            | Issued     | 20121702.3     | EP |
| 100325.0143PCT  | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - PCT     | 0117760897 | Superseded | PCT/US01/08315 | US |
| 100325.0143US1  | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - US      |            | Pending    | 10275202       | US |
| 100325.0143VC   | Apparatus and Methods for Shielding High-Pressure Fluid Devices | FC | Patent - Foreign |            | Pending    | 2001-000750    | VE |
| 100325.0144AE1  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 19503          | AE |
| 100325.0144AE2  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | P25804         | US |
| 100325.0144BR   | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | PI0116421-0    | BR |
| 100325.0144CA1  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 2433189        | CA |
| 100325.0144CA2  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 2473783        | US |
| 100325.0144CN   | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 01820966.1     | CN |
| 100325.0144EA   | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Issued     | EA 200300452   | -  |
| 100325.0144EG2  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 8712002        | EG |
| 100325.0144EP1  | Methods And Apparatus For Mixing Fluids                         | FC | Patent - Foreign |            | Pending    | 01930788.3     | EP |

PATENT  
REEL: 016541 FRAME: 0801

PATENT  
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|                |   |    |                  |            |                   |     |
|----------------|---|----|------------------|------------|-------------------|-----|
| 100325.0144EP2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | 03714156.1        | US  |
| 100325.0144EPU | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Issued     | 20121942.5        | EPO |
| 100325.0144D1  | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | W-00200301229     | ID  |
| 100325.0144D2  | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | W-002004022B1     | US  |
| 100325.0144IN  | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Allowed    | 00678/DELNP/2003  | IN  |
| 100325.0144JP1 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | 2002-552665       | JP  |
| 100325.0144JP2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    |                   | US  |
| 100325.0144KR1 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | 2003-7008348      | KR  |
| 100325.0144KR2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | 2004-7014343      | US  |
| 100325.0144KW1 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | PA 40/2002        | KW  |
| 100325.0144KW2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | PA 11/2004        | US  |
| 100325.0144MX1 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | PA/a/2003/005712  | MX  |
| 100325.0144MX2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Pending    | PA/a/2004/008767  | US  |
| 100325.0144PC1 | Methods And Apparatus For Mixing Fluids | FC | Patent - PCT     | Superseded | PC/T/US01/13436   | US  |
| 100325.0144QA1 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Issued     | Cautionary Notice | QA  |
| 100325.0144QA2 | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Issued     | Cautionary Notice | US  |
| 100325.0144SA  | Methods And Apparatus For Mixing Fluids | FC | Patent - Foreign | Not Filed  |                   | SA  |
| 100325.0144US1 | Methods And Apparatus For Mixing Fluids | FC | Patent - US      | Pending    | 10/031856         | US  |

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|----------------|--|----|------------------|--|-----------|------------------|-----|
| 100325.0144U3  | Methods And Apparatus For Mixing Fluids  | FC | Patent - US      |  | Pending   | 10799516         | US  |
| 100325.0144U4  | Methods And Apparatus For Mixing Fluids  | FC | Patent - US      |  | Pending   | 10502092         | US  |
| 100325.0144V2  | Methods And Apparatus For Mixing Fluids  | FC | Patent - Foreign |  | Pending   | 2001-002622      | VE  |
| 100325.0144V2  | Methods And Apparatus For Mixing Fluids  | FC | Patent - Foreign |  | Pending   | 2002-003698      | VE  |
| 100325.0144V3  | Methods And Apparatus For Mixing Fluids  | FC | Patent - Foreign |  | Pending   | 2003-004466      | VE  |
| 100325.0144Z2A | Methods And Apparatus For Mixing Fluids  | FC | Patent - Foreign |  | Allowed   | 2003/3470        | ZA  |
| 100325.0148US1 | Integrated Gas Turbine   | FC | Patent - US      |  | Not Filed |                  | US  |
| 100325.0151AU  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign |  | Pending   | 2002357302       | US  |
| 100325.0151CA  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign |  | Pending   | 2469153          | US  |
| 100325.0151EP  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign |  | Pending   | 02805186.9       | US  |
| 100325.0151IN  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign |  | Pending   | PCT/US2002/40412 | PCT |
| 100325.0151JP  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign |  | Pending   | 2003-552407      | US  |

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| 100325.0151MX  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign     |            | Pending | PAa/2004/005825  | US  |
| 100325.0151PRO | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Provisional | 0117380352 | Expired | 60/256897        | US  |
| 100325.0151US  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - US          |            | Pending | 10/498439        | US  |
| 100325.0151VE  | Combined Recovery of Hydrogen and Hydrocarbon Liquids From Hydrogen Containing Gases | FC | Patent - Foreign     |            | Pending | 2003-000464      | VE  |
| 100325.0152AU  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | 200235774        | US  |
| 100325.0152CA  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | 2489006          | US  |
| 100325.0152EP  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | 02792418.2       | US  |
| 100325.0152IN  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | PCITUS2002/40363 | PCT |
| 100325.0152JP  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | 2003-532415      | US  |
| 100325.0152MX  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | PAa/2004/005826  | US  |
| 100325.0152PRO | PSA Sharing  | FC | Patent - Provisional | 0117380338 | Expired | 60/256776        | US  |
| 100325.0152US  | PSA Sharing  | FC | Patent - US          |            | Pending | 10/490361        | US  |
| 100325.0152VE  | PSA Sharing  | FC | Patent - Foreign     |            | Pending | 2003-000633      | VE  |
| 100325.0155CA  | Combined Hydrotreating Process and Configurations for Same                           | FC | Patent - Foreign     |            | Pending |                  | US  |

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| 100325.0155SEP | Combined Hydrotreating Process and Configurations for Same | FC | Patent - Foreign     |             | Not filed  |                 | US  |
| 100325.0155JP  | Combined Hydrotreating Process and Configurations for Same | FC | Patent - Foreign     |             | Pending    |                 | US  |
| 100325.0155PCT | Combined Hydrotreating Process and Configurations for Same | FC | Patent - PCT         | 012933/0384 | Superseded | PCT/US02/10558  | PCT |
| 100325.0155US  | Combined Hydrotreating Process and Configurations for Same | FC | Patent - US          |             | Pending    | 10478704        | US  |
| 100325.0155VE1 | Combined Hydrotreating Process and Configurations for Same | FC | Patent - Foreign     |             | Pending    | 2002-000753     | VE  |
| 100325.0156PRO | Safety Lock for Bottless Closures                          | FC | Patent - Provisional | 012437/0716 | Expired    | 601330235       | US  |
| 100325.0156US  | Safety Lock for Bottless Closures                          | FC | Patent - US          |             | Pending    | 10476391        | US  |
| 100325.0156VE1 | Safety Lock for Bottless Closures                          | FC | Patent - Foreign     |             | Pending    | 2002-002059     | VE  |
| 100325.0184PCT | Improved Distillations Systems                             | FC | Patent - PCT         | 013736/0016 | Pending    | PCT/US02/38552  | PCT |
| 100325.0184IE  | Improved Distillations Systems                             | FC | Patent - Foreign     |             | Pending    | 2003-00417      | IE  |
| 100325.0184AU  | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | 2003/010519     | AU  |
| 100325.0188CA  | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | 2449503         | CA  |
| 100325.0188SEP | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | 02737599.7      | EP  |
| 100325.0188ID  | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | W-00200400151   | ID  |
| 100325.0188IN  | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | 2120/DELNP/2003 | IN  |
| 100325.0188JP  | Improved Ammonia Plant Configuration                       | FC | Patent - Foreign     |             | Pending    | 2003-508649     | JP  |

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| 100325.0168MX  | Improved Ammonia Plant Configuration                  | FC | Patent - Foreign     | Pending    | PA/a/2003/011337 | MX  |
| 100325.0168AY  | Improved Ammonia Plant Configuration                  | FC | Patent - Foreign     | Pending    | PI 2003/4712     | MY  |
| 100325.0168PCT | Improved Ammonia Plant Configuration                  | FC | Patent - Provisional | Expired    | 60/330235        | US  |
| 100325.0168US  | Improved Ammonia Plant Configuration                  | FC | Patent - US          | Pending    | 10/480404        | US  |
| 100325.0168VE1 | Improved Ammonia Plant Configuration                  | FC | Patent - Foreign     | Pending    | 2002-001283      | VE  |
| 100325.0167PCT | Configuration And Process For Carbonyl Removal        | FC | Patent - PCT         | Pending    | PCT/US03/028888  | PCT |
| 100325.0167VE  | Configuration And Process For Carbonyl Removal        | FC | Patent - Foreign     | Pending    | 2003-001911      | VE  |
| 100325.0169AU  | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | 2002/331591      | US  |
| 100325.0169EP  | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | 02768565.0       | US  |
| 100325.0169MX  | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | PA/a/2004/004973 | US  |
| 100325.0168PCT | Configurations and Methods for Effluent Gas Treatment | FC | Patent - PCT         | Superseded | PCT/US02/25998   | pd  |
| 100325.0168PCT | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | 2004/113420      | US  |
| 100325.0169US1 | Configurations and Methods for Effluent Gas Treatment | FC | Patent - US          | Pending    | 10/492750        | US  |
| 100325.0169VE1 | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | 2002-001648      | VE  |
| 100325.0169ZA  | Configurations and Methods for Effluent Gas Treatment | FC | Patent - Foreign     | Pending    | 2004/3598        | US  |
| 100325.0172CA  | Regeneration of Caustic Solutions                     | FC | Patent - Foreign     | Pending    |                  | US  |
| 100325.0172EP  | Regeneration of Caustic Solutions                     | FC | Patent - Foreign     | Pending    |                  | US  |
| 100325.0172PCT | Regeneration of Caustic Solutions                     | FC | Patent - PCT         | Superseded | PCT/US02/05630   | PCT |

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|----------------|--|----|----------------------|-------------|---------|----------------|----|
| 100325.0172US  | Regeneration of Caustic Solutions                    | FC | Patent - US          |             | Pending | 10478702       | US |
| 100325.0172VE  | Regeneration of Caustic Solutions                    | FC | Patent - Foreign     |             | Pending | 2002-000533    | VE |
| 100325.0174PRO | Improved Vessel Closures And Methods Therefor        | FC | Patent - Provisional | 012448/0135 | Expired | 60330236       | US |
| 100325.0174US  | Improved Vessel Closures And Methods Therefor        | FC | Patent - US          |             | Pending | 10492758       | US |
| 100325.0174VE1 | Improved Vessel Closures And Methods Therefor        | FC | Patent - Foreign     |             | Pending | 2002-002220    | VE |
| 100325.0175AE  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | P15204         | US |
| 100325.0175AU  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 2002363532     | US |
| 100325.0175CA  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 2466167        | US |
| 100325.0175CN  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 028285889      | US |
| 100325.0175EA  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 200400855      | US |
| 100325.0175EP  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 027912179      | US |
| 100325.0175IB  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | W-00200401202  | US |
| 100325.0175MX  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | P4A2004/004256 | US |
| 100325.0175NO  | Configurations and Methods for Improved NGL Recovery | FC | Patent - Provisional |             | Pending | 2004 2304      | US |
| 100325.0175PRO | Configurations and Methods for Improved NGL Recovery | FC | Patent - US          | 012648/0224 | Expired | 60337481       | US |
| 100325.0175US  | Configurations and Methods for Improved NGL Recovery | FC | Patent - US          |             | Pending | 10478349       | US |
| 100325.0175VE1 | Configurations and Methods for Improved NGL Recovery | FC | Patent - Foreign     |             | Pending | 2003-000282    | VE |
| 100325.0178CA  | Combined Hydrotreating Process and Configurations    | FC | Patent - Foreign     |             | Pending |                | US |

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|----------------|--|----|------------------|-------------|-------------|----------------|
| 100325.0178EP  | Combined Hydrotreating Process and Configurations                                      | FC | Patent - Foreign | Pending     | 02731245.3  | US             |
| 100325.0178JP  | Combined Hydrotreating Process and Configurations                                      | FC | Patent - Foreign | Pending     |             | US             |
| 100325.0178PCT | Combined Hydrotreating Process and Configurations                                      | FC | Patent - PCT     | 012827/0007 | Superseded  | PCT/US02/10489 |
| 100325.0178US  | Combined Hydrotreating Process and Configurations                                      | FC | Patent - US      | Pending     | 10478703    | US             |
| 100325.0181CA  | Configurations and Methods for Improved Gas Removal                                    | FC | Patent - Foreign | Pending     |             | US             |
| 100325.0181CN  | Configurations and Methods for Improved Gas Removal                                    | FC | Patent - Foreign | Pending     |             | CN             |
| 100325.0181PCT | Configurations and Methods for Improved Gas Removal                                    | FC | Patent - PCT     | 016014/0076 | Superseded  | PCT/US02/12050 |
| 100325.0181US  | Configurations and Methods for Improved Gas Removal                                    | FC | Patent - US      | Pending     | 10478350    | US             |
| 100325.0181VE1 | Configurations and Methods for Improved Gas Removal                                    | FC | Patent - Foreign | Pending     | 2002-000919 | VE             |
| 100325.0183PCT | Configuration And Process For NGL Recovery Using A Subcooled Absorption Reflux Process | FC | Patent - PCT     | 013071/0430 | Superseded  | PCT/US02/14860 |
| 100325.0183US  | Configuration And Process For NGL Recovery Using A Subcooled Absorption Reflux Process | FC | Patent - US      | Pending     | 10478705    | US             |
| 100325.0183VE1 | Configuration And Process For NGL Recovery Using A Subcooled Absorption Reflux Process | FC | Patent - Foreign | Pending     | 2002-000920 | VE             |
| 100325.0184PCT | Twin Reflux Process And Configurations For Improved Natural Gas Liquids Recovery       | FC | Patent - PCT     | 013107/0824 | Superseded  | PCT/US02/16311 |

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|----------------|--|----|----------------------|------------|---------|----------------|-----|
| 100325.0184US  | Twin Reflux Process And Configurations For Improved Natural Gas Liquids Recovery | FC | Patent - US          |            | Pending | 10469456       | US  |
| 100325.0184VE1 | Twin Reflux Process And Configurations For Improved Natural Gas Liquids Recovery | FC | Patent - Foreign     |            | Pending | 2002-001531    | VE  |
| 100325.0187PCT | Methods and Apparatus for Mixing and Distributing Fluids                         | FC | Patent - PCT         |            | Pending | PCT/US03/16831 | PCT |
| 100325.0187PRO | Methods and Apparatus for Mixing and Distributing Fluids                         | FC | Patent - Provisional | 0131070824 | Expired | 60/383897      | US  |
| 100325.0187VE  | Methods and Apparatus for Mixing and Distributing Fluids                         | FC | Patent - Foreign     |            | Pending | 2003-000867    | VE  |
| 100325.0188PCT | Methods and Configurations for Catalyst Regeneration                             | FC | Patent - PCT         | 0133100426 | Pending | PCT/US02/26539 | PCT |
| 100325.0188VE1 | Methods and Configurations for Catalyst Regeneration                             | FC | Patent - Foreign     |            | Pending | 2002-001649    | VE  |
| 100325.0191PCT | Configurations And Methods Of Acid Gas Removal                                   | FC | Patent - PCT         | 0136330878 | Pending | PCT/US02/29810 | PCT |
| 100325.0191VE1 | Configurations And Methods Of Acid Gas Removal                                   | FC | Patent - Foreign     |            | Pending | 2002-001896    | VE  |
| 100325.0192PCT | High Pressure Gas Processing Configurations and Methods                          | FC | Patent - PCT         | 0142620114 | Pending | PCT/US02/38107 | PCT |
| 100325.0192US  | High Pressure Gas Processing Configurations and Methods                          | FC | Patent - US          |            | Pending | 10478390       | US  |
| 100325.0192VE1 | High Pressure Gas Processing Configurations and Methods                          | FC | Patent - Foreign     |            | Pending | 2003-000416    | VE  |
| 100325.0193PCT | Low Pressure Ngl Plant Configurations  | FC | Patent - PCT         | 0133310246 | Pending | PCT/US02/26278 | PCT |

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|----------------|---|----|----------------------|-----------|---------------|-----|
| 100325.0193VE1 | Low Pressure Ng Plant Configurations  | FC | Patent - Foreign     | Pending   | 2002-001631   | VE  |
| 100325.0194PCT | Improved Split Flow Process and Apparatus   | FC | Patent - PCT         | Pending   | PC7US03/21194 | PCT |
| 100325.0194PRO | Improved Split Flow Process and Apparatus   | FC | Patent - Provisional | Expired   | 60/363395     | US  |
| 100325.0194VE  | Improved Split Flow Process and Apparatus   | FC | Patent - Foreign     | Pending   | 2003-001824   | VE  |
| 100325.0195PCT | Humid Air Turbine Cycle with Carbon Dioxide Recovery                                    | FC | Patent - PCT         | Pending   | PC7US03/08340 | PCT |
| 100325.0195VE  | Humid Air Turbine Cycle with Carbon Dioxide Recovery                                    | FC | Patent - Foreign     | Pending   | 2003-000496   | VE  |
| 100325.0197PCT | Configurations and Methods for Ribbed Downcomer Wall                                    | FC | Patent - PCT         | Pending   | PC7US03/37958 | PCT |
| 100325.0197VE  | Configurations and Methods for Ribbed Downcomer Wall                                    | FC | Patent - Foreign     | Pending   | 2003-002188   | VE  |
| 100325.0198PCT | Configurations and Methods of Acid Gas Removal  | FC | Patent - PCT         | Pending   | PC7US03/38776 | PCT |
| 100325.0198PRO | Configurations and Methods of Acid Gas Removal  | FC | Patent - Provisional | Expired   | 60/433257     | US  |
| 100325.0198US  | Configurations and Methods of Acid Gas Removal  | FC | Patent - US          | Not Filed |               | US  |
| 100325.0198VE  | Configurations and Methods of Acid Gas Removal  | FC | Patent - Foreign     | Pending   | 2003-002235   | VE  |
| 100325.0199PCT | Improved Configurations and Process for Shift Conversion                                | FC | Patent - PCT         | Pending   | PC7US04/00326 | PCT |
| 100325.0199VE  | Improved Configurations and Process for Shift Conversion                                | FC | Patent - Foreign     | Pending   | 2004-000087   | VE  |
| 100325.0200PCT | Configurations And Methods For Acid Gas And Contaminant Removal with Near Zero Emission | FC | Patent - PCT         | Pending   | PC7US03/04376 | PCT |
| 100325.0200VE  | Configurations And Methods For Acid Gas And Contaminant Removal with Near Zero Emission | FC | Patent - Foreign     | Pending   | 2003-000667   | VE  |

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|----------------|---|----|----------------------|--------------|---------|----------------|-----|
| 100325.0201PCT | Configurations And Methods For Ultrasound Time Of Flight Diffraction Analysis | FC | Patent - PCT         | 0138886/0499 | Pending | PCT/US03/23369 | PCT |
| 100325.0201VE  | Configurations And Methods For Ultrasound Time Of Flight Diffraction Analysis | FC | Patent - Foreign     |              | Pending | 2003-001881    | VE  |
| 100325.0202PCT | Carbon Capture in IGCC Syngas   | FC | Patent - PCT         |              | Pending | PCT/US04/10248 | PCT |
| 100325.0202PRO | Carbon Capture in IGCC Syngas   | FC | Patent - Provisional | 014292/0506  | Expired | 80/460363      | US  |
| 100325.0203US1 | Vapor Recovery System   | FC | Patent - US          | 0091130511   | Issued  | 6015451        | US  |
| 100325.0204PRO | Liquidized Natural Gas Regassification Configuration and Method               | FC | Patent - Provisional | 015187/0345  | Expired | 80/476770      | US  |
| 100325.0205AU  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 6295690        | AU  |
| 100325.0205CA  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 2067213        | CA  |
| 100325.0205EP  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 80912840.7     | EP  |
| 100325.0205ES  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 80912840.7     | ES  |
| 100325.0205FR  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 80912840.7     | FR  |
| 100325.0205IT  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 80912840.7     | IT  |
| 100325.0205MX  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 21997          | MX  |
| 100325.0205UK  | Energy Damping Device   | FC | Patent - Foreign     |              | Issued  | 80912840.7     | UK  |
| 100325.0205US  | Energy Damping Device   | FC | Patent - US          | 0095331/0406 | Issued  | 4955467        | US  |
| 100325.0207PCT | Improved Solvent Use and Regeneration   | FC | Patent - PCT         | 014562/0358  | Pending | PCT/US03/28167 | PCT |
| 100325.0207VE  | Improved Solvent Use and Regeneration   | FC | Patent - Foreign     |              | Pending | 2003-001682    | EPO |

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| 100325.0208PCT | Liquified Natural Gas Regassification Configuration And Method                    | FC | Patent - PCT                               | 014516/0087 | Pending                        | PCT/US03/25372 | PCT |
| 100325.0208VE  | Liquified Natural Gas Regassification Configuration And Method                    | FC | Patent - Foreign                           |             | Pending                        | 2003-002167    | VE  |
| 100325.0223PCT | Improved Configuration And Process For Carbonyl Removal                           | FC | Patent - PCT                               | 014982/0006 | Pending                        | PCT/US04/01798 | PCT |
| 100325.0223VE  | Improved Configuration And Process For Carbonyl Removal                           | FC | Patent - Foreign                           |             | Pending                        | 2004-000094    | VE  |
| 100325.0224PCT | COS-Claus Configurations and Methods  | FC | Patent - PCT                               |             | Pending                        | PCT/US04/12821 | PCT |
| 100325.0224VE  | COS-Claus Configurations and Methods  | FC | Patent - Foreign                           |             | Pending                        | 2004-000691    | US  |
| 100325.0228PCT | Bundle Puller with Adjustable Carriage Frame                                      | FC | Patent - PCT                               |             | Pending                        | PCT/US04/07430 | PCT |
| 100325.0228US  | Bundle Puller with Adjustable Carriage Frame                                      | FC | Patent - US Assignment Pending Recordation |             | Issued                         | 10356906       | US  |
| 100325.0229PCT | Post Weld Heat Treatment For Chemically Stabilized Austenitic Stainless Steel     | FC | Patent - PCT                               |             | Pending                        | PCT/US04/19849 | US  |
| 100325.0229PRO | Heat Treatment of 347 Type Stainless Steel Alloys                                 | FC | Patent - Provisional                       | 014697/0839 | Superseded                     | 601500113      | US  |
| 100325.0229VE  | Post Weld Heat Treatment For Chemically Stabilized Austenitic Stainless Steel     | FC | Patent - Foreign                           |             | Pending                        | 2004-001438    | US  |
| 100325.0233PCT | Compositions, Configurations, And Methods Of Reducing Naphthenic Acid Corrosivity | FC | Patent - PCT                               |             | Pending                        | PCT/US04/21468 | PCT |
| 100325.0233PRO | Naphthenic Acid Corrosivity of Crudes   | FC | Patent - Provisional Pending Recordation   |             | Assignment Pending Recordation | 601512025      | US  |

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|                  |   |    |                      |             |           |                |     |
|------------------|---|----|----------------------|-------------|-----------|----------------|-----|
| 100325.02335VE   | Compositions, Configurations, And Methods Of Reducing Naphthenic Acid Corrosivity | FC | Patent - Foreign     |             | Not filed |                | US  |
| 100325.0235PCT   | Flexible NGL Process and Methods  | FC | Patent - PCT         |             | Not filed |                | US  |
| 100325.0235PRO   | Flexible NGL Process and Methods  | FC | Patent - Provisional | 014924/0239 | Pending   | 60516120       | US  |
| 100325.0235VE    | Flexible NGL Process and Methods  | FC | Patent - Foreign     |             | Not filed |                | US  |
| 100325.0236PRO   | LNG Vapor Handling And Regassification Methods And Configurations                 | FC | Patent - Provisional | 0151610345  | Pending   | 60517298       | US  |
| 100325.0237PRO   | Solvent Filtration System   | FC | Patent - Provisional | 014823/0106 | Pending   | 60519531       | US  |
| 100325.0237PRO   | Solvent Filtration System   | FC | Patent - Provisional | 014823/0106 | Pending   | 60519531       | US  |
| 100325.0240PCT   | LNG Vapor Handling Configurations and Methods                                     | FC | Patent - PCT         |             | Pending   | PCT/US04/19480 | US  |
| 100325.0240PRO   | LNG Vapor Handling And Regassification  | FC | Patent - Provisional | 014880/0231 | Pending   | 60525416       | PRO |
| 100325.0253PCT   | Methods and Configurations for Acid Gas Enrichment                                | FC | Patent - PCT         |             | Pending   | PCT/US04/26926 | US  |
| 100325.1492221US | Filtration Process  | FC | Patent - US          | 004223/0930 | Issued    | 4441993        | US  |
| 100325.1622106AU | Process of Separating Acid Gases from Hydrocarbons                                | FC | Patent - Foreign     |             | Issued    | 84326182       | AU  |
| 100325.162208NZ  | Process of Separating Acid Gases from Hydrocarbons                                | FC | Patent - Foreign     |             | Issued    | 200753         | NZ  |
| 100325.162208CA  | Process of Separating Acid Gases from Hydrocarbons                                | FC | Patent - Foreign     |             | Pending   | 601248490      | CA  |
| 100325.182208SA  | Process of Separating Acid Gases from Hydrocarbons                                | FC | Patent - Foreign     |             | Issued    |                | SA  |
| 100325.167034CA  | Process for Producing Power   | FC | Patent - Foreign     |             | Issued    | 473244         | CA  |
| 100325.167034DE  | Process for Producing Power   | FC | Patent - Foreign     |             | Issued    | EPO150990      | DE  |

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|                 |   |    |                  |  |        |            |    |
|-----------------|---|----|------------------|--|--------|------------|----|
| 100325.167034ES | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 540081     | ES |
| 100325.167034ES | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 8501757    | GB |
| 100325.167034IT | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 85300468.7 | IT |
| 100325.167034NO | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 850330     | NO |
| 100325.167034NZ | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 210934     | NZ |
| 100325.167034QA | Process for Producing Power             | FC | Patent - Foreign |  | Issued |            | QA |
| 100325.167034SE | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 85300468.7 | SE |
| 100325.167034TF | Process for Producing Power             | FC | Patent - Foreign |  | Issued | 57700      | TF |
| 100325.167104AE | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 06574921   | AE |
| 100325.167104AT | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | A24185     | AT |
| 100325.167104CL | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 71185      | CL |
| 100325.167104CN | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 85101360   | CN |
| 100325.167104DK | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 38385      | DK |
| 100325.167104JP | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 15259185   | JP |
| 100325.167104MX | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 204160     | MX |
| 100325.167104MY | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | P18702711  | MY |
| 100325.167104NZ | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued | 210933     | NZ |
| 100325.167104QA | Autothermal Production of Synthesis Gas | FC | Patent - Foreign |  | Issued |            | QA |

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|                  |  |    |                     |             |             |            |
|------------------|--|----|---------------------|-------------|-------------|------------|
| 100325.167104RU  | Autothermal Production of<br>Synthesis Gas     | FC | Patent -<br>Foreign | Issued      | 13856865.26 | RU         |
| 100325.167104SA2 | Autothermal Production of<br>Synthesis Gas     | FC | Patent -<br>Foreign | Pending     |             | SA         |
| 100325.167104TT  | Autothermal Production of<br>Synthesis Gas     | FC | Patent -<br>Foreign | Issued      | 18501758    | TT         |
| 100325.167104VE  | Autothermal Production of<br>Synthesis Gas     | FC | Patent -<br>Foreign | Issued      | 0111-85     | VE         |
| 100325.171198BE  | Process for producing power                    | FC | Patent -<br>Foreign | Issued      | PV/0215553  | BE         |
| 100325.171198KR  | Process for producing power                    | FC | Patent -<br>Foreign | Issued      | 138041986   | KR         |
| 100325.171198MX  | Process for producing power                    | FC | Patent -<br>Foreign | Issued      | 14317       | MX         |
| 100325.171198SA  | Process for producing power                    | FC | Patent -<br>Foreign | Pending     | 3321        | SA         |
| 100325.171198US  | Process for producing power                    | FC | Patent - US         | 4516491     | Issued      | 4829763 US |
| 100325.173022US  | Process for separating crude<br>oil components | FC | Patent - US         | 00447810820 | Issued      | 5098524 US |
| 100325.174047BE  | Process for Producing Power                    | FC | Patent -<br>Foreign | Issued      | PV/0217015  | BE         |
| 100325.174047JP  | Process for Producing Power                    | FC | Patent -<br>Foreign | Issued      | 27775786    | JP         |
| 100325.174047MX  | Process for Producing Power                    | FC | Patent -<br>Foreign | Issued      | 14317       | MX         |
| 100325.182147CA  | Coke Drum Unheading Device                     | FC | Patent -<br>Foreign | Issued      | 0x/606811   | CA         |
| 100325.182147EE  | Coke Drum Unheading Device                     | FC | Patent -<br>Foreign | Issued      | 69307539.0  | EPO        |
| 100325.182147US  | Coke Drum Unheading Device                     | FC | Patent - US         | 0064370397  | Issued      | 5098524 US |
| 100325.186049US  | Closure Apparatus for Pipes<br>and Vessels     | FC | Patent - US         | 0051780288  | Issued      | 5048876 US |
| 100325.188067US  | Reactor Expander Topping<br>Cycle              | FC | Patent - US         | Issued      | 4898893     | US         |

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|                  |   |    |                  |             |                 |           |
|------------------|---|----|------------------|-------------|-----------------|-----------|
| 100325.190067E   | Improved System/Process for Producing Power   | FC | Patent - Foreign | Issued      | 191310173.9     | EPO       |
| 100325.190067US  | Improved System/Process for Producing Power   | FC | Patent - US      | 00541170613 | Issued          | 5181376US |
| 100325.192274    | Coke Drum Unheading Device  | FC | Patent - US      | 0064370397  | Issued          | 5098524US |
| 100325.194055US  | Process For The Recovery Of CO2 From Flue Gases   | FC | Patent - US      | 005711/0831 | Issued          | 4440731US |
| 100325.184282E   | Apparatus & Method for firing low calorific-value gas   | FC | Patent - Foreign | Issued      | 92925462.1      | EPO       |
| 100325.194282JP  | Apparatus & Method for firing low calorific-value gas   | FC | Patent - Foreign | Issued      | 510283/1993     | JP        |
| 100325.194282KR  | Apparatus & Method for firing low calorific-value gas   | FC | Patent - Foreign | Issued      | 94-701834       | KR        |
| 100325.194282US  | Process and economic use of excess compressed air when firing low BTU gas in a combustion gas turbine | FC | Patent - US      | 005940/0867 | Issued          | 5433063US |
| 100325.198122US1 | Gas turbine cycle   | FC | Patent - US      | 005893/0075 | Issued          | 5160096US |
| 100325.205047US  | Delayed Coker Drumhead Handling Apparatus   | FC | Patent - US      | 5689/0840   | Issued          | 5336375US |
| 100325.210102AU  | Integrated Drying of Feedstock Feed to an IGCC Plant  | FC | Patent - Foreign | Issued      | 694604          | AU        |
| 100325.210102DE  | Integrated Drying of Feedstock Feed to an IGCC Plant  | FC | Patent - Foreign | Issued      | 92643710.4-2315 | DE        |
| 100325.210102E   | Integrated Drying of Feedstock Feed to an IGCC Plant  | FC | Patent - Foreign | Issued      | 92643710.4      | EPO       |
| 100325.210102US1 | Integrated Drying of Feedstock Feed to an IGCC Plant  | FC | Patent - US      | 007355/0466 | Issued          | 5685138US |
| 100325.210102US3 | Integrated Drying of Feedstock Feed to an IGCC Plant  | FC | Patent - US      | 007355/0466 | Issued          | 5953899US |

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|------------------|--|----|------------------|-------------|-------------------|-----------------|-----|
| 100325.210103E   | Low headroom Coke Drum Unheading Device                              | FC | Patent - Foreign |             | Issued            | 95944593.3-2104 | EPO |
| 100325.210103UK  | Low headroom Coke Drum Deheading Device                              | FC | Patent - Foreign |             | Issued            | 95944593.3-2104 | GB  |
| 100325.210103US1 | Low headroom Coke Drum Deheading Device                              | FC | Patent - US      | 00794110780 | 6284829/08/346810 | US              |     |
| 100325.210103US2 | Low headroom Coke Drum Deheading Device                              | FC | Patent - US      | 00794110780 | Issued            | 5785843         | US  |
| 100325.210103US3 | Low headroom Coke Drum Deheading Device                              | FC | Patent - US      | 00794110780 | Pending           | 09/847686       | US  |
| 100325.210104E   | Coke Drum Automated Chute  | FC | Patent - Foreign |             | Issued            | 95943588.4-2104 | EPO |
| 100325.210104FR  | Coke Drum Automated Chute  | FC | Patent - Foreign |             | Not Filed         |                 | FR  |
| 100325.210104US1 | Coke Drum Automated Chute  | FC | Patent - US      | 734110780   | Issued            | 5628603         | US  |
| 100325.213020US1 | Automated Drum Drill Stem Guide and Method                           | FC | Patent - US      | 00806810431 | Issued            | 5846734         | US  |
| 100325.213180ID  | Improved Process for the Recovery of CO <sub>2</sub> From Flue Gases | FC | Patent - Foreign |             | Issued            | 9916            | ID  |
| 100325.213180IN  | Improved Process for the Recovery of CO <sub>2</sub> From Flue Gases | FC | Patent - Foreign |             | Issued            | 132             | IN  |
| 100325.213180KR  | Improved Process for the Recovery of CO <sub>2</sub> From Flue Gases | FC | Patent - Foreign |             | Issued            | 84-1087         | KR  |
| 100325.213190SA  | Improved Process for the Recovery of CO <sub>2</sub> From Flue Gases | FC | Patent - Foreign |             | Issued            | 3072A           | SA  |
| 100325.213207US1 | Apparatus and Methods for Manufacturing Electrodes                   | FC | Patent - US      | 00852810214 | Issued            | 6932998         | US  |
| 100325.213212US3 | Method for Sequentially Charging Batteries In Situ                   | FC | Patent - US      | 00860510248 | Issued            | 6188251         | US  |
| 100325.213219CA  | Reactor Distribution Apparatus                                       | FC | Patent - Foreign |             | Pending           | 2255371         | CA  |

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|------------------|---|----|------------------|---------------|-----------------|-------------|----|
| 100325.213219CA2 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign |               | Issued          | 12347355    | CA |
| 100325.213219E   | Reactor Distribution Apparatus                                  | FC | Patent - Foreign | Pending       | 97928709.1      | EPO         |    |
| 100325.213219E2  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign | Pending       |                 | EPO         |    |
| 100325.213219E3  | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign | Pending       | 99956649.022104 | EPO         |    |
| 100325.213219EP3 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign | Issued        | 29924023.1      | EPO         |    |
| 100325.213219KW  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign | Pending       | PA 77197        | KW          |    |
| 100325.213219KW2 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign | Pending       | PA 272001       | KW          |    |
| 100325.213219MX  | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign | Pending       | PAat2001004052  | MX          |    |
| 100325.213219SA  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign | Pending       |                 | SA          |    |
| 100325.213219SA2 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign | Not filed     |                 | SA          |    |
| 100325.213219TW  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign | Issued        | 86107548        | TW          |    |
| 100325.213219US1 | Reactor Distribution Apparatus                                  | FC | Patent - US      | 0093710/00387 | Issued          | 58989502/US |    |
| 100325.213219US2 | Reactor Distribution Apparatus                                  | FC | Patent - US      | 0100553/0314  | Issued          | 60988865/US |    |
| 100325.213219US3 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - US      | 0093730/00506 | Issued          | 6338826/US  |    |

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|------------------|---|----|-------------------------|---------|--------------------|-----|
| 100325.213219US5 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - US 08971060887 | Pending | 09/787566          | US  |
| 100325.213219US6 | Distribution Apparatus Having Bubble Caps With Riser Vanes      | FC | Patent - US 0700550314  | Issued  | 09/595092          | US  |
| 100325.213219US7 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - US 08971060887 | Pending | 10/000867          | US  |
| 100325.213219VE  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign        | Pending | 1027-97            | VE  |
| 100325.213219ZA  | Reactor Distribution Apparatus                                  | FC | Patent - Foreign        | Issued  | 974543             | ZA  |
| 100325.213219ZA2 | Reactor Distribution Apparatus and Quench Zone Mixing Apparatus | FC | Patent - Foreign        | Issued  | 20013167           | ZA  |
| 100325.0005AR    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | P000101734         | AR  |
| 100325.0005AU    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Issued  | 63202988           | AU  |
| 100325.0005BR    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | P18812714-4        | BR  |
| 100325.0005CA    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Issued  | 2306357            | CA  |
| 100325.0005CL    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | 2000-849           | CL  |
| 100325.0005CN    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | 98811713.4         | CN  |
| 100325.0005EPO   | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | 988007388.1        | EPO |
| 100325.0005JP    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Pending | 2000-515046        | JP  |
| 100325.0005KR    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Issued  | (PCT) 2000-7003533 | KR  |
| 100325.0005MX    | Cathodic Protection Methods and Apparatus                       | FD | Patent - Foreign        | Issued  | 3235               | MX  |

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| OM              |   |    |                      |            |            |
|-----------------|---|----|----------------------|------------|------------|
| 100325.000650M  | Cathodic Protection Methods and Apparatus   | FD | Patent - Foreign     | Issued     |            |
| 100325.00065PCT | Cathodic Protection Methods and Apparatus   | FD | Patent - Foreign     | Superseded |            |
| 100325.00055SA  | Cathodic Protection Methods and Apparatus   | FD | Patent - Foreign     | Pending    | 02220878   |
| 100325.0005US   | Cathodic Protection Methods and Apparatus   | FD | Patent - Foreign     | Issued     | 089508904  |
| 100325.00081US1 | Coke Drum System with Movable Floor   | FD | Patent - US          | Issued     | 6113745    |
| 100325.00174PRO | Split-Flow Process and Apparatus  | FD | Patent - Provisional | Expired    | 609109613  |
| 100325.00274US1 | Split-Flow Process and Apparatus  | FD | Patent - US          | Issued     | 099831582  |
| 100325.00374US2 | Split-Flow Process and Apparatus  | FD | Patent - US          | Allowed    | 100659450  |
| 100325.003742A  | Split-Flow Process and Apparatus  | FD | Patent - Foreign     | Issued     | 20014095   |
| 100325.0075AU   | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     | Issued     | 1171500    |
| 100325.0075CA   | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     | Issued     | 23550574   |
| 100325.0075EPO  | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     | Pending    | 88871735.8 |
| 100325.0075EP0U | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     | Issued     | 29924190.4 |

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|-----------------|---|----|----------------------|-------------|---------|-------------------|----|
| 100325.0075IN   | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     |             | Pending | IN/PC/T2001/00506 | IN |
| 100325.0075MX   | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Foreign     |             | Issued  | PA/ta2001/004895  | MX |
| 100325.0075PRO  | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - Provisional | US36420762  | Expired | 60/107992         | US |
| 100325.0075US1  | Recovery of Hydrogen and Carbon Dioxide from the Offgas of a Pressure Swing Adsorption Unit | FD | Patent - US          |             | Issued  | 09/030882         | US |
| 100325.103100US | Method For Maintaining Effective Corrosion Inhibit  | FD | Patent - US          | 00571100865 | Issued  | 4390740           | US |

RECORDED: 01/11/2006

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RECORDED: 12/12/2016

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