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1. Name of conveying party(ies):
 James J. Colyar
 219 Burgundy Lane, Newtown, PA 18940
 James B. MacArthur
 15 Copeland Road, Denville, NJ 07834
 Michael Peluso
 32 Albert E. Bonacci Drive, Hamilton Square, NJ 08690
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
 Name: Institute Français du Pétrole
 Address: 1 et 4, avenue de Bois-Préau, 92852 Rueil-Malmaison Cedex, France
 Additional name(s) and address(es) attached? Yes No

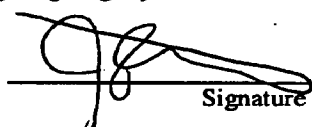
3. Nature of Conveyance:
 Assignment Merger
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 Other
 Execution Date: 12/8/09

4. Application number(s) or patent number(s):
 This document is being filed together with a new application
 A. Patent Application No.(s)
 B. Patent No.(s) 12800988
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 John F. Ritter
 U.S. Patent Attorney #36,652
 Axens North America, Inc.
 650 College Road East
 Suite 1200
 Princeton, NJ 08540

6. Total applications and patents involved: 1
 7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit account number: 083635
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9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
 John F. Ritter  5/26/10
 Name of Person Signing Signature Date

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PATENT
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ASSIGNMENT

(1) Whereas, James J. Colyar, a citizen of the United States residing at 219 Burgundy Lane, Newtown, PA 18940 James B. MacArthur, a citizen of the United States residing at 15 Copeland Road, Denville, NJ 07834, and Michael Peluso, a citizen of the United States residing at 32 Albert E. Bonacci Drive, Hamilton Square, NJ 08690, have invented a technology entitled,

Coal Liquefaction Complex with Minimal Carbon Dioxide Emissions

X for which an Application for United States Letters Patent has been executed by me on May 24, 2010.

AND WHEREAS, IFP having a principle place of business at 1 et 4, avenue de Bois-Préau, 92852 Rueil-Malmaison Cedex, France, as assignee, is desirous of acquiring all right, title and interest in and to said invention and Letters Patent that may be granted therefor.

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we) as assignor(s) hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for James J. Colyar, James B. MacArthur, and Michael Peluso legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

MAY 24, 2010
date

James J. Colyar
James J. Colyar

STATE OF NEW JERSEY:

:SS:

COUNTY OF MERCER:

On this 24 day of MAY, 2010, before me personally came the above named James J. Colyar to me personally known as the individual(s) who executed the foregoing instrument, who acknowledged to me that the same was executed by him of his free will for the purposes therein set forth.

Milagros Ovalle Guzman
Notary Public

Notary Public, State of NJ
Milagros Ovalle-Guzman
My Commission Expires 2-11-12

(seal)

May 24, 2010
date

James B. MacArthur
James B. MacArthur

On this 24 day of MAY, 2010, before me personally came the above named James B. MacArthur to me personally known as the individual(s) who executed the foregoing instrument, who acknowledged to me that the same was executed by him of his free will for the purposes therein set forth.

Milagros Ovalle Guzman
Notary Public

Notary Public, State of NJ
Milagros Ovalle-Guzman
My Commission Expires 2-11-12

(seal)

May 24, 2010
date

Michael Peluso
Michael Peluso

On this 24 day of MAY, 2010, before me personally came the above named Michael Peluso to me personally known as the individual(s) who executed the foregoing instrument, who acknowledged to me that the same was executed by him of his free will for the purposes therein set forth.

Milagros Ovalle Guzman
Notary Public

Notary Public, State of NJ
Milagros Ovalle-Guzman
My Commission Expires 2-11-12

(seal)