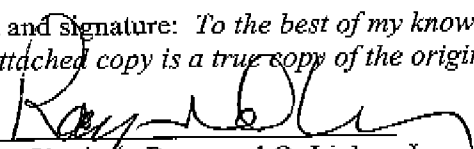


ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Director of the U.S. Patent and Trademark Office:

Attorney Dkt. No.: 046190/269231

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Edouard Serras Jean-Marie Gaillard Patrick Filament</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>2. Name and address of receiving party(ies):</p> <p>Edouard Serras 38 Bis Boulevard d'Argenson 92200 Neuilly Sur Seine FRANCE</p> <p>Institut Francais Du Petrole 1 Et 4 Avenue De Bois Preau 92852 Rueil Malmaison Cedex FRANCE</p> <p>Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: .</p> <p>Execution Date: 02/10/04, 02/04/04, 01/13/04</p>	<p>4. Application No. 10/663,594 Patent No. _____</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000</p>	<p>6. Total number of applications and patents involved: _____ <u>1</u> _____</p> <p>7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 16-0605</p>
<p>DO NOT USE THIS SPACE</p>	
<p>9. Statement and signature: <i>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.</i></p> <p></p> <p>Name of Person Signing: Raymond O. Linker, Jr. Date: March 11, 2004</p> <p>Reg. No. 26,419</p> <p>Total number of pages including cover sheet, attachments, and document: <u>2</u></p> <p>USPTO Fax Number for Corrective Assignments (703) 306-5995</p>	

CH \$40.00 160605 10663594

ASSIGNMENT

FULL NAMES(S) AND
POST OFFICE
ADDRESS(S) OF
INVENTOR(S) (including
country)

WHEREAS:

1. Edouard Serras, 38 Bis Boulevard d'Argenson, 92 200 Neuilly Sur Seine,
FRANCE
2. Jean-Marie Gaillard, 29 ter, rue du 19 mars 1962, 87100 Limoges, FRANCE
3. Patrick Flament, 37 allée de la Forêt, 78610 Auffargis, FRANCE

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION

THERMOELECTRIC GENERATOR AND METHODS FOR THE PRODUCTION THEREOF

APPLICATION NO.
AND FILING DATE OF
APPLICATION

for which application for United States Letters Patent was filed on September 16, 2003 as United States Application No. 10/663,594, and,

WHEREAS:

FULL NAME AND
ADDRESS (including
country) OF ASSIGNEE

EDOUARD SERRAS
38 Bis Boulevard d'Argenson
92200 Neuilly Sur Seine
FRANCE

and

INSTITUT FRANCAIS DU PETROLE
1 Et 4 Avenue De Bois Preau
92852 Rueil Malmaison Cedex
FRANCE

(hereinafter referred to as "ASSIGNEE"), have equitable rights in and to this invention and desire to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

DATE OF SIGNING

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal on

SIGNATURE(S)
The signature(s) must
correspond with the
name(s) of the inventor(s)
above.

Witnesses:

[Signature]
Edouard Serras

[Signature]
Jean-Marie Gaillard

[Signature]
Patrick Flament

ASSIGNOR:

[Signature]
Edouard Serras

[Signature]
Jean-Marie Gaillard

[Signature]
Patrick Flament

10-Feb-2004

4-Feb-2004

13-Jan-2004