TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO. INTERNSATIONAL FILING DATE
PCT/EP04/08105 July 20, 2004

TITLE OF INVENTION
CARBON NANOTUBES BASED SOLAR CELLS

APPLICANT(S) FOR DO/EO/US
Michael DUERR, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☑ This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2. ☑ This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3. ☑ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☑ The US has been elected (Article 31).
5. ☑ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
   a. ☐ is attached hereto (required only if not communicated by the International Bureau).
   b. ☑ has been communicated by the International Bureau.
   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
   a. ☐ is attached hereto.
   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
   a. ☐ are attached hereto (required only if not communicated by the International Bureau).
   b. ☑ have been communicated by the International Bureau.
   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
   d. ☑ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
   a. ☐ If the declaration is in a language other than the English language, it is accompanied by an English translation. The translation is accurate (37 CFR 1.69)
10. ☑ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
   Items 13 to 23 below concern document(s) or information included:
15. ☑ A FIRST preliminary amendment.
16. ☑ A SECOND or SUBSEQUENT preliminary amendment.
17. ☑ An Application Data Sheet under 37 CFR 1.76.
18. ☑ A substitute specification.
19. ☑ A power of attorney and/or change of address letter.
20. ☑ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
23. ☑ Other items or information: Notice of Priority
The following fees are submitted:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>24. Basic national fee</td>
<td>$300.00</td>
</tr>
<tr>
<td>25. Examination fee</td>
<td>$200.00</td>
</tr>
<tr>
<td>26. Search fee</td>
<td>$400.00</td>
</tr>
<tr>
<td>TOTAL OF 24, 25 AND 26 =</td>
<td>$900.00</td>
</tr>
</tbody>
</table>

Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.

<table>
<thead>
<tr>
<th>Total Sheets</th>
<th>Extra Sheets</th>
<th>Number of each additional 50 or fraction thereof (round up to a whole)</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 100 =</td>
<td>0 / 50 =</td>
<td>0</td>
<td>$250.00</td>
</tr>
</tbody>
</table>

Surcharge of $130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).

<table>
<thead>
<tr>
<th>CLAIMS</th>
<th>NUMBER FILED</th>
<th>NUMBER EXTRA</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total claims</td>
<td>25 - 20 =</td>
<td>5 x</td>
<td>$50.00</td>
</tr>
<tr>
<td>Independent claims</td>
<td>1 - 3 =</td>
<td>0 x</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

MULTIPLE DEPENDENT CLAIMS (if applicable)

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+</td>
<td></td>
<td>$360.00</td>
</tr>
</tbody>
</table>

TOTAL OF ABOVE CALCULATIONS = $1,280.00

Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.

SUBTOTAL = $1,280.00

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(g)).

TOTAL NATIONAL FEE = $1,280.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property.

Petition fee of $1,500.00 for Petition to Revive (37 CFR 1.137 (b)).

TOTAL FEES ENCLOSED = $1,280.00

Amount to be refunded: $0.00

Amount to be charged: $0.00

---

**CUSTOMER NUMBER**

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 1/06)

**SIGNATURE**

Bradley D. Lytle

**NAME**

40,073

**REGISTRATION NUMBER**

Surinder Sachar
Registration No. 34,423

---

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.
Docket No. 285450US8X PCT
IN RE APPLICATION OF: Michael DUERR, et al.
SERIAL NO: NEW U.S. PCT APPLICATION (based on PCT/EP04/08$jb)
FILED: HEREWITH
FOR: CARBON NANOTUBES BASED SOLAR CELLS

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
☒ Additional documents filed herewith: Application Data Sheet/Notice of Priority/Credit Card Payment Form for $1280.00
PCT Transmittal Letter/Preliminary Amendment/Information Disclosure Statement
PTO-1449/Cited References (5)/International Search Report

The Fee has been calculated as shown below:

<table>
<thead>
<tr>
<th>CLAIMS</th>
<th>CLAIMS REMAINING</th>
<th>HIGHEST NUMBER PREVIOUSLY PAID</th>
<th>NO. EXTRA CLAIMS</th>
<th>RATE</th>
<th>CALCULATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>25</td>
<td>MINUS 25</td>
<td>0</td>
<td>$50</td>
<td>$0.00</td>
</tr>
<tr>
<td>INDEPENDENT</td>
<td>1</td>
<td>MINUS 3</td>
<td>0</td>
<td>$200</td>
<td>$0.00</td>
</tr>
<tr>
<td>APPLICATION SIZE</td>
<td></td>
<td>MINUS 100</td>
<td>0 (each addtl. 50 sheets)</td>
<td>$250</td>
<td>$0.00</td>
</tr>
<tr>
<td>☐ MULTIPLE DEPENDENT CLAIMS</td>
<td></td>
<td></td>
<td></td>
<td>$360</td>
<td>$0.00</td>
</tr>
<tr>
<td>TOTAL OF ABOVE CALCULATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0.00</td>
</tr>
</tbody>
</table>

☐ Reduction by 50% for filing by Small Entity $0.00

TOTAL $0.00

☐ A check in the amount of $0.00 is attached.
☐ Credit card payment form is attached to cover the fees in the amount of $0.00
☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Bradley D. Lytle
Registration No. 40,073

Surinder Sachar
Registration No. 34,423