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ER SHEET

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OMB No. 0651-0011 (exp. 4/94)



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Atty Docket No. 41577/277765

|  |                      |   |                  |
|--|----------------------|---|------------------|
| To the Assistant Commissioner  |                      | he attached original documents or copy thereof.   |                  |
| 1. Name of conveying party(ies):<br><br>SQUIRRELL, David James<br>Martin Alan LEE  | 102425687<br>1-10-03 | 2. Name and address of receiving party(ies)<br>Name: The Secretary of State for Defence                         | Internal Address |
| Additional names(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                      | Street Address: DSTL, Porton Down   |                  |
| 3. Nature of conveyance:<br><br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other: |                      | City: Salisbury, Wiltshire Country: United Kingdom  |                  |
| Execution Date: September 17, 2002   |                      | Postal Code: SP4 0JQ  |                  |
|  |                      | Additional names(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                  |

|  |                  |
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| 4. Application numbers(s) or patent numbers(s):  |                  |
| If this document is being filed together with a new application, the execution date of the application is: |                  |
| A. Patent Application No.(s)   | B. Patent No.(s) |
| 10/220,970   |                  |
| Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No           |                  |

|  |   |
|--|---|
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: John S. Pratt<br>Internal Address: Kilpatrick Stockton LLP<br>Suite 2800<br>Street Address: 1100 Peachtree Street<br>City: Atlanta State: GA Zip 30309-4530 | 6. Total number of applications and patents involved: 1   |
|  | 7. Total fee (37 CFR 3.41) \$ 40.00<br><br><input checked="" type="checkbox"/> Enclosed The Commissioner is authorized to charge any deficiency in the required fee or credit any over payment to Deposit Account No. 11-0855.<br><br><input checked="" type="checkbox"/> Authorized to be charged to deposit account |
|  | 8. Deposit account number:<br><br>11-0855   |

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| 9. Statement and signature.<br>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. |           |            |
| Dean W. Russell, Reg. No. 33,452  |           | 9 JAN 2003 |
| Name of Person Signing  | Signature | Date       |
| Total number of pages including cover sheet, attachments, and document: 3   |           |            |

**ASSIGNMENT OF PATENT APPLICATION (US NATIONAL PHASE OF PCT)**

(1) David James Squirrell  
(2) Martin Alan Lee  
(Inventors) (3)   
(4)   
(5)   
(6)

In consideration of payment for my employment and other goods and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, hereby does assign, transfer and set over to

(Assignee) (6) The Secretary of State for Defence

(Address) (7) DSTL Porton Down, Salisbury, Wiltshire, SP4 0JQ

(hereinafter designated as the Assignee), the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other (8) \_\_\_\_\_ in the invention, and all applications for  
Countries) patent and any Letters Patent which may be granted therefor, known as

(Title) (9) Reaction System for Thermal Cycling  
PCT/GB01/00988

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(10) on \_\_\_\_\_  
or has already filed in \_\_\_\_\_

(11) U.S. appln. Serial Number \_\_\_\_\_  
filed on \_\_\_\_\_

(12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers and document necessary in connection with the application or any interference which may be declared and any continuing or divisional application thereof and also to execute separate

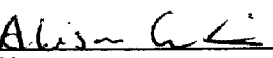
assignments in connection with applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

- 2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 3) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest hereby assigned, and that he has ( they have) not executed and will not execute, any agreement in conflict herewith.
- 4) The undersigned hereby grant(s) the firm of **KILPATRICK STOCKTON LLP** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for record of this document.

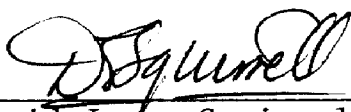
In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

  
Witness

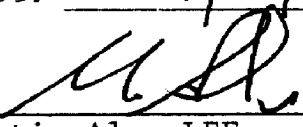
Date: 17.9.02

  
Witness Alison Corbitt, Dist. Patent  
Down

Date: 17.9.02

  
David James Squirrell

Date: 17/9/02

  
Martin Alan LEE

Date: 17/09/2002