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| John GARDNER   |  |
| 3-26-01  | Name: The Secretary of State for Defence   |
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| Additional name/s of conveying party/ies attached?   |  |
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| Execution Date: September 4, 2000  | Additional name/s & address/es attached?  Yes No   |
| (A - 1' - 4' 1 - 4')   |  |
| <ul> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the execu</li> </ul> | ution date of the application is: September 4, 2000  |
| in this document is owing med expenses with a new application, are execu-  | September 4, 2000  |
| A. Patent Application No(s).   | B. Patent No(s).   |
| (1) Unknown<br>(2) D9 806 007  | (1)  |
| (2)  | (2)  |
| (3)  | (3)  |
| Additional numbers   |  |
| . Name and address of party to whom correspondence   | 6. Total number of applications & patents involved: 1  |
| concerning document should be mailed:  |  |
|  | 7. Total fee (37 CFR 3.41) \$ 40.00  |
| Name: Stanley C. Spooner   | Enclosed   |
| Takanasi Addanas   | Authorized to be charged to deposit account #14-1140   |
| Internal Address:  | .  |
| Street Address: Nixon & Vanderhye P.C.   | 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which |
| 1100 North Glebe Road  | should have been filed herewith (or with any paper thereafte   |
| 8 <sup>th</sup> Floor  | filed in this application by this firm) to our <b>Account No.</b>  |
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| Stanley C. Spooner   | March 26, 2001   |
| Name of Person Signing   | Signature Date   |
| Reg. No. 27,393  | iginal cover sheet, attachments, and document: [3]   |
| 1 of an number of pages including or   | iginal cover sheet, attachments, and document: [3]   |
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| 28/2001 NNGUYEN 00000078 09806007<br>FC:581 40.00 OP   |  |

**PATENT** 

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**REEL: 012922 FRAME: 0245** 

| ASSIGNMEN                      | TOF PATENT APPLICATION (US NATIONAL PHASE OF PCT)  |
|--------------------------------|--|
|                                | (1) John GARDNER   |
|                                | (2   |
| (Inventors)                    | (3)  |
|                                | (4)  |
|                                | (5)  |
|                                | (6)  |
| considerations                 | sideration of payment for my employment and other good and valuable is paid to each of the undersigned, the undersigned agree(s) to assign; assign, transfer and set over to |
| (Assignee)                     | (6) The Secretary of State for Defence   |
| (Address)                      | (7) Whitehall, London. SW1A 2HB. United Kingdom.   |
| interest for the               | (hereinafter designated as the Assignee), the entire right, title and e United States, its territories, dependencies and possessions, and for                                |
| (Other                         | (8) in the invention, and all  |
| applications for Countries) as | and any Letters Patent which may be granted therefor, known  |
| (Title)                        | (9) IMPROVED PHOTOMULTIPLIER TUBE CIRCUIT  |
|                                | (1W/P0026/USW)   |
| an application has executed    | for which the unassigned has (have) executed on even date herewith for patent in the United States of America or, if not on even date, then                                  |
|                                | or has already filed in  |
|                                | (11) U.S. appln. Serial Number , filed on  |
| this invention                 | (12) The undersigned acknowledges an obligation of assignment of to said assignee at the time the invention was made.  |

PATENT REEL: 012922 FRAME: 0246

- 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 **NIXON & VANDERHYE P.C.** 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

Date 4 - 569 - 500. Signature of Inventor (1)

Date 4 - 569 - 500. Signature of Inventor (1)

Date 4 / 9 / 9 0 Witness (1)

Date Signature of Inventor (2)

Date Witness (2)

Date Signature of Inventor (3)

Date Signature of Inventor (4)

Date Witness (4)

RECORDED: 03/26/2001

PATENT REEL: 012922 FRAME: 0247