501816037 02/10/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the inclusion of additional information previously recorded on Reel 027345 Frame 0054. Assignor(s) hereby confirms the assignment. |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Leigh Trevor Canham | 05/14/1992 |
| John Michael Keen | 05/14/1992 |
| Weng Lee Leong | 05/14/1992 |

RECEIVING PARTY DATA

| Name: | The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland |
|-----------------|--|
| Street Address: | Whitehall |
| City: | London |
| State/Country: | UNITED KINGDOM |
| Postal Code: | SW1A 2HB |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|---------|
| Patent Number: | 5627382 |

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Stanley C. Spooner
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501816037

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ATTORNEY DOCKET NUMBER: SCS-124-468

PATENT

REEL: 027683 FRAME: 0374

OP \$40.00 5627382

NAME OF SUBMITTER: Stanley C. Spooner

Total Attachments: 2

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PATENT REEL: 027683 FRAME: 0375

| | The second secon | |
|--|--|---|
| and the | (1) Leigh Trevor CANHAM . | |
| | (2) John Michael KEEN | |
| (Inventors) | (3) Weng Yee LEONG | |
| • | in consideration of past employment, and other good and valuable consideration undersigned, the sufficiency of which is acknowledged, the undersigned agree(s) to sesign, transfer and set over to THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJ | nssign, and hereby does |
| (Assignee) | (1) OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRE Corporation Sole | LAND, a British |
| (Mdcess) | (5) of Whitehall, London SW1A 2HB | |
| | (hereinalter designated as the Assignee) the entire right, title and interest for territories, dependencies and possessions, and for the country of | the United States, its |
| (Other Countries) | (6) in the invention, and all applications for patent and an granted therefor, known as | y belters Palent which may b |
| (Title) " | (7) METHOD OF MAKING SILICON QUANTUM WIRES | (Case No. |
| | lor which the undersigned has (have) executed on even date herewith an application of America or, if not on even date, then has executed **ESEXXON** PCT/GB90/01901 filed December 6, 1990 | for patent in the United St |
| | | |
| | US Patent 5,627,382 (9) U.S. appin. Serial Number, [lied on | |
| 1) The Interference wi in connection onecessary in consister agreeme 2) The States patent to 3) The | (9) U.S. appin. Serial Number | sald assignce at the time to the line to the secure separate assignate perform any act which action of industrial Propertional and all letters Palent polications thereof to the |
| 1) The Interference with connection recessary in connection as a second of the connection of the Control of the | (9) U.S. appin. Serial Number | on with the application of the execute separate assigned to perform any act which action of industrial Propertional a grant of a valid Understand and all betters Patent periodications thereof to the ull right to convey the endent in conflict berewith on this assignment any furinited States Patent Office |
| 1) The Interference with connection and connection and connection and connection and connection and contact on the contact of the contact on | (9) U.S. appin. Serial Number | sald assignce at the time to on with the application of to execute separate assignation of perform any act which action of industrial Propertional a grant of a valid United any and all betters false uplications thereof to the ull right to convey the empert in conflict herewith on this assignment any furing the States Fatent Office ture(s). |
| 1) The Interference with connection and connection and connection and constant and constant and contact and contac | (9) U.S. appin. Serial Number | sald assignce at the time to execute separate assignate perform any act which action of industrial Propertional a grant of a valid United any and all betters faten upplications thereof to the ull right to convey the entent in conflict herewith on this assignment any furing the States Fatent Office cure(s). |
| 1) The Interference with connection and connection and connection and constant and constant and contact and contac | (10) The undersigned acknowledges an obligation of assignment of this invention to invention was made. Undersigned agree(s) to execute all papers and documents necessary in connection hich may be declared and any continuing or divisional application thereof and also with such applications as the Assignee may deem uncessary or expedient and further connection with claims or provisions of the international Convention for Protectents. Undersigned agree(s) to perform all affirmative acts which may be necessary to obtain Assignee. Undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issuites resulting from said application or any division or divisions or continuing assignee of the entire interest, and hereby convenants that he has (they have) in assigned, and that he has (they have) not executed and will not execute, any agree undersigned hereby grant(s) the firm of Mixon & MANDERHITE P.P. the rower to insert which may be necessary to desirable in order to comply with the rules of the United Signature of Inventor (1) Signature of Inventor (2) Signature of Inventor (3) | sald assignce at the time to execute separate assignate perform any act which action of industrial Propertional a grant of a valid United any and all betters faten upplications thereof to the ull right to convey the entent in conflict herewith on this assignment any furing the States Fatent Office cure(s). |
| 1) The Interference with connection recessary in a similar agreemed 2). The States patent to 3). The the United States for the United States identification of the United Stat | US Patent 5,627,382 (9) U.S. appin. Serial Number | on with the application of to execute separate assignment of perform any act which action of industrial Propertional a grant of a valid United any and all betters falent upplications thereof to the unit in conflict herewith on this assignment any furinted States Fatent Office ture(s). |

ASSIGNMENT OF PATENT APPLICATION

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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Leigh Trevor CANHAM | 05/14/1992 |
| John Michael KEEN | 05/14/1992 |
| Weng Yee LEONG | 05/14/1992 |

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| City: | London |
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| Postal Code: | SW1A 2HB |

PROPERTY NUMBERS Total: 4

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6147359 |
| Patent Number: | 5627382 |
| Patent Number: | 5358600 |
| Patent Number: | 6369405 |

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REEL: 027683 FRAME: 0377