

09-26-2007



11/886657

Washington, D.C. 20231

Commissioner of Patents & Trademark

103448469

REGISTRATION OF PATENT APPLICATIONS UNDER THE PATENT LAW OF 1952 AND UNDER THE PATENT LAW OF 1980
PATENTS ONLY
U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595

(Rev. 03/01)

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

9-19-07

1. Name of Conveying Party(ies):

James Christopher Gordon MATTHEWS

Robert Alan LEWIS

Christian RIECKMANN

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and Address of Receiving Party(ies):

Name: **BAE SYSTEMS plc**

Street Address: **6 Carlton Gardens**

Street Address:

City: **London**

State/Country: **United Kingdom** Postal Code: **SW1Y 5AD**

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

Assignment Change of Name

Security Agreement Other:

Merger Execution Date: **06082007 and 06182007 and 06222007**

11/886657

4. Application Number(s) or Patent Number(s):

Assignment is being filed together with new application and the first execution date of application is : **06082007**

Application has been filed already and the application filing date is:

A. Patent Application Number(s): **09/21/2007 MKAYPAGH 00000013 11886657**

B. Issued Patent Number(s):

05 FC:8021 40.00 DP

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136 -or-

JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, D.C. 20004-2218
Tel. 202-638-6666

Attorney Docket Number: **P72176US0**

6. Total number of applications and patents involved: **1**

7. Total Fee (37 CFR 3.41): **\$ 40.00**

Enclosed

Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.

DO NOT USE THIS SPACE

8. Statement and Signature:

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.

Harvey B. Jacobson, Jr. 20,851 *Harvey B. Jacobson, Jr.* **September 19, 2007**

Name of Person Signing, Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and documents: **3**

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IAP17 Rec'd PCT/PTO 19 SEP 2007

JOINT ASSIGNMENT

WHEREAS, we, **MATTHEWS, James Christopher Gordon, LEWIS, Robert Alan**, being a citizen of United Kingdom, residing at **BAE SYSTEMS Advanced Technology Centre, West Hanningfield Road, Great Baddow, Chelmsford, Essex, CM2 8HN, United Kingdom** and **RIECKMANN, Christian** being a citizen of Germany, residing at **Computer Simulation Technology GmbH (CST) Bad Nauheimer Strasse 19, D-64289 Darmstadt, Germany**.

have made inventions and discoveries in **ANTENNA**, for which an application for Letters Patent of the United States of America

was filed in the U.S. Patent and Trademark Office on _____ and assigned Patent Application Serial Number _____;

was filed as International Application Serial Number **PCT/GB2007/050241** in the United Kingdom receiving office on **08 May 2007**; or

is being filed herewith; and

WHEREAS, **BAE SYSTEMS plc**, having a place of business at **6 Carlton Gardens, London, SW1Y 5AD, United Kingdom**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

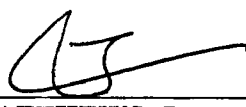
NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, without reservations, I/we:

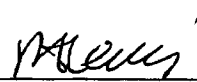
1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, continuation-in-part and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
4. Warrant that I/we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that

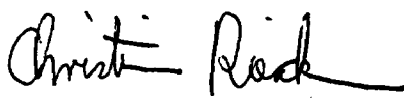
I/we have good right to assign the same to Assignee without encumbrance; and that I am aware of no claim to the contrary.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I/we have hereunto set my hand and seal this

18th day of June, 2007. 
MATTHEWS, James Christopher

22nd day of June, 2007. 
LEWIS, Robert Alan

8th day of June, 2007. 
RIECKMANN, Christian