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103157786 **PATENTS ONLY** Attorney Docket No. 038665.55792US To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies)/Execution Date(s): Michael Richard RICHARDSON Name: BAE SYSTEMS plc 6 Cariton Gardens London, SW1Y 5AD **United Kingdom** December 8, 2004 Execution Date(s) Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Merger M Assignment Additional name(s) & address(es) attached? Yes No Change of Name Security Agreement Government Interest Assignment Executive Order 9424, Confirmatory License 4. Application number(s) or patent number(s):

This document is being filed together with a new application. A. Patent Application No.(s) B. Patent Registration No.(s) **PENDING** *6*2/04/**2**005 KAYPAGH 00000070 051323 10522757 40.00 DA Additional number(s) attached?

Yes

No 6. Total number of applications and patents 5. Name and address of party to whom correspondence involved concerning document should be mailed: Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Name: Gary R. Edwards, Esquire Authorized to be charged by credit card Authorized to be charged to deposit account per **Crowell & Moring LLP** PCT Transmittal. A duplicate copy is attached. Intellectual Property Group Enclosed Street Address: PO Box 14300 None required (government interest not affecting title) 8. Payment Information City: Washington a. Credit Card Last 4 Numbers ____ State: DC Zip: 20044-4300 Expiration Date Phone Number: 202-624-2500 Fax Number: 202-628-8844 b. Deposit Account Number 05-1323 Authorized User Name 23911 9. Signature: January 28, 2005 Date Gary R. Edwards, Reg. No. 31,824 Total number of pages including cover Name of Person Signing sheet, attachments, and documents: 2

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> **PATENT** REEL: 017430 FRAME: 0442

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

BAE SYSTEMS plc

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

SIGNAL REGENERATION

is set forth in	his United States Patent Application (check one):
	executed concurrently herewith,
$\overline{\mathbf{X}}_{-}$	was filed as PCT international application Number PCT/GB04/004910 on 19 November 2004
	Serial No. , filed ,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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8 Wee 2004

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PATENT *A7717 REEL: 017430 FRAME: 0443