09-05-2006 Form **PTO-1595** U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) 103301449 Patents and Trademarks: Please Record the attached original documents or copy thereof. To the Honorable Commission 1. Name of conveying party(ies/): 2. Name and address of receiving party(ies) Robert C. Marion **BAE SYSTEMS Information and Electronic Systems** Integration Inc. 65 Spit Brook Road Nashua, New Hampshire 03061 Additional name of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other \_\_\_ Execution Date: August 16, 2006 Additional Name(s) & address(es) attached? ☐ Yes ☑ No Application number(s) or patent number(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) 11/439,212 Additional numbers attached? 

Yes 

No Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning this document should be mailed: 7. Total fee (37 CFR 3.41) . . . . . . \$ 40.00 Edward A. Pennington, Esq. BINGHAM MCCUTCHEN LLP ☐ Enclosed 3000 K Street, N.W., Suite 300 Washington, D.C. 20007-5116 Authorized to be charged to deposit account 11439212 8. Deposit account number: 19-5127 (Order # 4199440059) (Attach duplicate copy of this page if paying by depost account) DO NOT USE THIS SPACE 8.8 9. 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. Siddhesh V. Pandit, Reg. No. 58,572 August 30, 2006 Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:

PATENT REEL: 018250 FRAME: 0664

## ASSIGNMENT

For value received, I, Robert C. Marion, a citizen of the United States of America, do hereby sell and assign for myself and heirs, successors, and assigns, to BAE SYSTEMS Information and Electronic Systems Integration Inc. (hereinafter referred to as the Company), a Delaware corporation, having a place of business at 65 Spit Brook Road, Nashua, New Hampshire 03061, its successors, assigns, and nominees, the entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the invention relating to improvements in

## LOW LOSS FIBER OPTIC LINK USING AN OPTICAL AMPLIPIER

invented by Robert C. Marion, and the application for United States Patent therefor, identified by Docket No. 20020030 of the Company, and executed on even date herewith, and all divisions and continuations thereof, and all Patents which may be granted therefor and all reissues and extensions thereof together with all my rights in and to the said invention and any Patents that may hereafter be obtained therefor in any and all foreign countries including the right of priority under the International Convention based on the said application and the right of said Company to apply in its own name for Letters Patent therefor in any and all foreign countries, where legally permissible, and authorize and request the Commissioner of Patents and Trademarks to issue all United States Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and testify in any legal proceeding, execute all divisional, continuing and reissue applications and all assignments of said invention, make all rightful oaths, sign all lawful papers, if and when required to do so, and generally do everything reasonably possible to aid said Company, its successors, assigns and nominoes, to obtain and enforce proper patent protection for said invention in all countries.

Signed at NASHUA , NH this 16 day of Ruguet 2006  City State
Robert C. Marion
State of Men Hangering ) ss
On this 16 day of AUGUST 2006, before me appeared Robert C. Marlon to me known and known to me or providing proper identification to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Joanne P. Lorial

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> PATENT REEL: 018250 FRAME: 0665

**RECORDED: 08/30/2006**