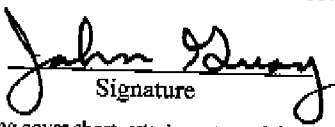
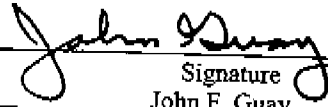


RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No: 746801-41
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): (1) John Arthur McEwan (2) James S. McEwan Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Technology Advancement Group, Inc.</u> Street Address: <u>22355 TAG Way</u> City: <u>Dulles</u> State: <u>Virginia</u> Zip: <u>20166-9310</u> Country: _____ Postal Code: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): 1 st Inventor: <u>January 18, 2006</u> 2 nd Inventor: <u>January 18, 2006</u>		
4. Application number(s) or patent number(s): <u>11/044,006</u> If this document is being filed together with a new application, the filing date of the application is: _____ A. Patent Application No.(s) <u>11/262,824</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: <u>Marc S. Kaufman</u> Firm Name: <u>Nixon Peabody LLP</u> Internal Address: <u>Suite 900</u> Street Address: <u>401 9th Street, N.W.</u> City: <u>Washington</u> State: <u>D.C.</u> Zip: <u>20004-2128</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>19-2380 (746801-41)</u> (Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature. <i>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.</i> <u>John F. Guay - Reg. No. 47,248</u>  <u>May 15, 2006</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>2</u>		
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: <input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450 <input checked="" type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 703-306-5995. <u>May 15, 2006</u>  <u>John F. Guay</u> Date Signature Typed or printed name		

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ASSIGNMENT

Attorney Docket No. 746801-41


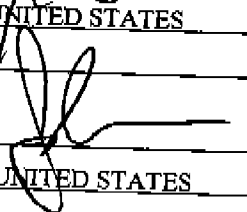
For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Technology Advancement Group, Inc. of 22355 Tag Way, Dulles, VA 20166-9310 representatives all my rights, title and interest, in and for the United States of America, in and to

METHOD AND SYSTEM FOR BI-DIRECTIONAL COMMUNICATION
OVER A SINGLE OPTICAL FIBER

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefore, filed on November 1, 2005 and assigned Application No. 11/262,824 and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Technology Advancement Group, Inc., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Technology Advancement Group, Inc.

- | | (Full Name) | (Signature) |
|---|-------------------------------------|--|
| 1. Date: <u>January 18, 2006</u> | Inventor: <u>John Arthur McEwan</u> |  |
| Residence: <u>Same as Post Office Address</u> | Citizenship: <u>UNITED STATES</u> | |
| Post Office Address: <u>9318 Ludgate Drive, Alexandria, VA 22309</u> | | |
| 2. Date: <u>January 18, 2006</u> | Inventor: <u>James S. McEwan</u> |  |
| Residence: <u>Same as Post Office Address</u> | Citizenship: <u>UNITED STATES</u> | |
| Post Office Address: <u>11533 Tralee Drive, Great Falls, VA 22066</u> | | |
| 3. Date: _____ | Inventor: _____ | |
| Residence: <u>Same as Post Office Address</u> | Citizenship: _____ | |
| Post Office Address: _____ | | |

Witness(es)

- (All) _____ 1) _____ 2) _____
3) _____ 4) _____