Form PTO-1595 (Rev. 6-93) RECORDATION PAT	06 - 13 - 2002 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94) 7777 1111 -6 77 2-9	
To the Honorable Commissioner of Patents and Trademarks.	102120636 nents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
James P. Waters	Name: General Dynamics Advanced Technology Systems, Inc.
Additional name(s) of conveying party(ies) attached?	Internal Address: P.O. Box 26002
□ Yes ⊠No	Greensboro, NC 27420-6002
3. Nature of conveyance:	Street Address: 5440 Millstream Road
☑ Assignment [] Merger	I-85 and Mount Hope Church Road
☐ Security Agreement ☐ Change of Name	City: McLeansville State: NC ZIP: 27301
□ Other	Additional name(s) & address(es) attached:
Execution Date: May 7, 2002	□ Yes ⊠ No
4. 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:	
B. Patent Application No.(s)	C. Patent No.(s)
10/083,184	
 Additional numbers attached? Yes □ No ⊠	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mark F. Vrla	
Internal Address:	7. Total fee (37 CFR 3.41) \$ 40.
	□ Enclosed
	☐ Authorized to be charged to deposit account
Street Address: Jenner & Block, LLC	8. Deposit account number:
One IBM Plaza	10-0460
City: Chicago State: IL ZIP: 60611	
DO NOT USE THIS SPACE	
FC:581 40,00 CH 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.	
Mark P. Vrla  Name of Person Signing  Signature  Signature  A trumber of pages including cover sheet, attachments, and document:	
I am of pages including cover sign	

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

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

## ASSIGNMENT

Attorney Docket No.

erial No. <u>10/083,184</u>
led February 26, 2002
In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby knowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to
General Dynamics Advanced Technology Systems, Inc.
successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter led "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled:  Optical Fiber U-Turn Apparatus and Method
ed on the <u>26<sup>th</sup></u> day of <u>February</u> , 2002, and in said application and any and all other applications for United States Letters Patent, which e undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United ates which may be obtained on any of said applications, and in any reissue or extension thereof.
The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.
The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and rial number of said application.
For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, intinuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, non request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said exters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and tirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.  And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or approvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request said assignee, all documents in connection with any application for foreign letters patent therefor.
James P. Waters
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OUNTY OF Morris ) ss
Before me, a Notary Public in and for the County and State aforesaid, appeared <u>James P. Waters</u>
o me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and poluntary act for the uses and purposes therein expressed.    Many
SIARILYN COrssignment - page 2 of 2) SIGNAFOR PUBLIC OF NEW JERSEY SIGNAFOR TO A CONTROL Fund 17 2006
Tulingia 60611 • (312) 222-9350
Jenner & Block, LLC  ● One IBM Plaza ● Chicago, Illinois 60611 ● (312) 222-9350

**RECORDED: 06/06/2002** 

PATENT REEL: 012969 FRAME: 0475