04-11-2002 Form **PTO-1595** U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record trie attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: General Dynamics Advanced Kenneth R. Schroll Information Systems 3.28.02 James P. Waters Internal Address: \_\_\_\_\_ Janet Armstrong P.O. Box 26002 Additional name(s) of conveying party(ies) attached? 📮 Yes 🎇 No 3. Nature of conveyance: Greensboro, NC 27420-6002 Assignment Merger 🖳 Street Address: \_\_\_5440 Millstream Road Security Agreement ☐ Change of Name I-85 and Mount Hope Church Road Other\_\_\_\_ City: McLeansville State: NC Zip: 27301 Execution Date: February 20, 2002 Additional name(s) & address(es) attached? Yes 24 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: A. Patent Application No.(s) B. Patent No.(s) 10/038,396 Additional numbers attached? 📮 Yes 🕮 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents in volved 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40. Name: Mark P. Vrla Enclosed Internal Address: Jenner & Block, LLC Authorized to be charged to deposit account 8. Deposit account number: Street Address:\_\_ One IBM Plaza 10-0460 41st Floor (Attach duplicate copy of this page if paying by deposit action) City: Chicago State: IL Zip: 60611 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cog is a true copy of the original document. March 19. Name of Person Signing Date Total number of pages including cover sheet, attachments, and documents:

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

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 012763 FRAME: 0814

## ASSIGNMENT

Attorney Docket No.

Serial No. <u>10/038,396</u>	
Filed January 2, 2002	
In consideration of One Dollar and acknowledged, the undersigned inventor, or each General Dynamics Advanced Information States	other good and valuable consideration, the receipt and sufficiency of which are hereby h inventor if more than one, hereby assigns to
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called "said invention") of the undersigned discl Light Injector/Extractor for Multiple Optical Fib	id assignee"), the entire right, title and interest in the invention or improvements (hereinafter osed in an application for Letters Patent of the United States, entitled:  pers
the undersigned may file, either solely or jointly v	n said application and any and all other applications for United States Letters Patent, which with others, on said invention or improvements, and in any and all Letters Patent of the United Olications, and in any reissue or extension thereof.
The undersigned hereby authorizes a	nd requests the Commissioner of Patents to issue said Letters Patent to said assignee.
The undersigned hereby authorizes as serial number of said application.	nd requests the attorneys of record in said application to insert in this assignment the date and
continuation or substitute application for said in application for the reissue or extension of any Letters Patent assigned herein becoming invoor preparing and executing the preliminary statemation request, any affirmative acts to obtain said Letters Patent will be held and enjoyed by said attentively as the same would have been held and end of And for said consideration, the under improvements for all foreign countries, including	dhereby agrees, upon the request and at the expense of said assignee, to execute any divisional, avention or improvements, and any oath, declaration or affidavit relating thereto, and any etters Patent that may be granted upon said application, and, in the event of any application lived in Interference, to cooperate to the best of the ability of the undersigned in the matters ent and giving and producing evidence in support thereof. The undersigned agrees to perform, Letters Patent of the United States and vest in said assignee all rights therein, whereby said ssignee, to the full end of the term for which said Letters Patent may be granted as fully and njoyed by the undersigned if this assignment had not been made. signed hereby assigns to said assignee the entire right, title and interest in said invention or gall priority rights under the International Convention, and agrees to execute, at the request the any application for foreign letters patent therefor.
$\frac{2(2010)}{(Date)}$ STATE OF $\frac{1}{2}$ . $\frac{1}{2}$ .	X Kunth R. Schroll  Kenneth R. Schroll
COUNTY OF MORRIS ) ss	r the County and State aforesaid, appeared <u>Kenneth R. Schroll</u>
o me personally known to be the signer, or signe oluntary act for the uses and purposes therein e	rs, of the foregoing instrument, and acknowledged execution of said instrument as a free and appressed.    Mailyn   Wotary Public   Wotary Pub
	potary rubic /

MARILYN COX (Assignment - page 1 of 1)
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires June 17, 2006

Jenner & Block, LLC 

One IBM Plaza 

Chicago, Illinois 60611 

(312) 222-9350

## ASSIGNMENT

Attorney Docket No.

Serial No. <u>10/038,396</u>
Filed January 2, 2002
In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to
its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter called "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled:  Light Injector/Extractor for Multiple Optical Fibers
filed on the 2nd day of January, 2002, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States 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 serial 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, continuation 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 or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters 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 entirely 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 improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.
2/20/02  X and Father  James P. Waters
COUNTY 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 coluntary act for the uses and purposes therein expressed.    Mankey   Worder   Worder

MARILYN(cozignment - page 1 of 1) NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 17, 2006

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## ASSIGNMENT

Attorney Docket No.

Serial No. <u>10/038,396</u>
Filed January 2, 2002
In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to
General Dynamics Advanced Information Systems
its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter called "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled: <u>Light Injector/Extractor for Multiple Optical Fibers</u>
filed on the <u>2nd</u> day of <u>January</u> , 2002, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States 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 serial 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, continuation 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 or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters 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 entirely 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 improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.
2/25/02  STATE OF NJ  STATE OF NJ  Manual Armstrong
COUNTY OF SOMERSET) ss
Before me, a Notary Public in and for the County and State aforesaid, appeared
to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.
Note Consection
Notary Public  ROBE CORNACCHA  NOTARY PUBLIC  State of New Jersey (Assignment - page 1 of 1)  December 14, 2004
722770
Jenner & Block, LLC  ● One IBM Plaza  ● Chicago, Illinois 60611  ● (312) 222-9350

**RECORDED: 03/28/2002** 

PATENT REEL: 012763 FRAME: 0817