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Conveying Party(ies)		Mark if additional	names of conveying	parties attached	Execution Date
Name (line 1) Charles S. Slei	non				09/29/1998
Name (line 2)					Execution Date
Second Party					Month Day Ye
Name (line 2)					
Receiving Party			ark if additional nam	es of receiving c	arties attached
Name (line 1) Advanced Opti	cal Controls, Inc.			If If	document to be rec an assignment and
Name (line 2)				re	eiving party is not
Address (line 1) 1367 Carpers F	·			01	ates, an appointme a domestic
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Address (line 2)					signment.)
Address (line 3) Vienna		Virginia State/Country		22182 Zip Code	
Domestic Representative	Name and Add	rocc.	or the first Receiving		
Name			······································		
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PATENT REEL: 9731 FRAME: 0159

F ORNEPTO-1619 3 E-Dires (#730/91 Of/48.061 - 40021	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	202-457-0160	
Name Conrad J. Clark			
Address (ine 1) Dickinson Wright PLLC			
Address (line 2) 1901 L Street, NW			
Address (line 3) Suite 800			
Address (line 4) Washington, DC 20036			
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To the best of my knowledge and b attached copy is a true copy of the indicated herein.	pelief, the foregoing information is true and original document. Charges to deposit acc	correct and any count are authorized, as	
Conrad J. Clark, Reg. No. 30,340	1. and all	January 29, 1999	

PATENT REEL: 9731 FRAME: 0160

ASSIGNMENT

in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Charles S. Slemon

the undersigned hereby sell(s) and assign(s) to Advanced Optical Controls, Inc. a Delaware corporation located at 1367 Carpers Farm Way, Vienna, Virginia 22182 (hereinafter designated as the Assignee) the entire right, title and interest for the United States of America (as defined in 35 USC §100), and throughout the world, in the invention(s) known as

SELF CALIBRATING FIBER OPTIC SENSOR SYSTEM WITH OPTIMIZED THROUGHPUT and

FIBER OPTIC SENSOR SYSTEM WITH A REDUNDANCY MEANS AND OPTIMIZED THROUGHOUT

for which application(s) for patent in the United States of America were granted on **September 24, 1991**, as Patent No. 5,051,578 and on **March 2, 1993**, as Patent No. 5,191,208, in any and all applications thereon, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made

The undersigned agree(s) to execute all papers necessary in connection with the application(3) and any continuing, civisional, reissue or corresponding application(s) thereof throughout the world and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning the application(s) or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Patent Office Officials throughout the world to issue any and all Letters Patent resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

Date 71.29/03 Name of Inventor

Charles S. Slemon

ACKNOWLEDGMENT

A.V. Dieber

This $\underline{\mathscr{I}}$ day of $\underline{\mathscr{I}}$, 1998, before me personally came the above-named **Charles S. Slemon**, to me personally known as the individual who executed the foregoing assignment, who did acknowledge to me that he executed the same of his own free will for the purposes therein set forth.

SEAL	Official Signature Not ARY Post II Official Title
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