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Name (line 2)	Kobert C. Brock	sman	
Second Party			Execution Date Month Day Year
Name (line 1)	[Kalph B. Jand	ec	10 06 98
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Name We	endy W. Koba					
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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. Charges to deposit account are authorized, as indicated herein.						
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ASSIGNMENT AND AGREEMENT

For value received, we, Robert C. Brockman of Jackson in the County of Ocean and the State of New Jersey, Paul Eisler of Freehold in the County of Monmouth and the State of New Jersey, and Ralph B. Jander of Freehold in the County of Monmouth and the State of New Jersey, hereby sell, assign and transfer to Tyco Submarine Systems Ltd., a corporation of the State of Delaware, having an office to 340 Mount Kemble Avenue, Morristown, New Jersey 07960, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Safety Interlocking System for an Optical Fiber Amplifier and Pump Source**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Tyco Submarine Systems Ltd. the entire right, title and interest in and to said inventions for all countries foreign to the United States including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Tyco Submarine Systems Ltd. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Tyco Submarine Systems Ltd. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Tyco Submarine Systems Ltd. in the United States and in all countries foreign to the United States, or to such nominees as Tyco Submarine Systems Ltd. may designate. We agree that, when requested, we shall, without charge to Tyco Submarine Systems Ltd. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Robert C. Brockman

Date: 10/098

United States of America

State of NJ) ss.: 156.64.8221

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County of Monnouth

On this <u> $({}^{M})$ </u> day of <u>0Ct</u>, <u>1998</u>, before me personally came Robert C. Brockman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

JEANINE R. CICHORZ A NOTARY PUBLIC OF NEW JEP MY COMMISSION EXPIRES 9/11/2003

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Paul Eisler

Date: 10/6/98

United States of America

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On this <u> b^{th} day of <u> b^{th} </u>, <u>1998</u>, before me</u>

personally came Paul Eisler, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary ublic

JEANINE R. CICHORZ A NOTARY PUBLIC OF NEW JERSEY COMMISSION EXPIRES 9/11/2003

Rolph B. Jander (

Date: 12008

United States of America

NI State of) ss.: 156.64.8221

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Atromach County of)

On this ______ day of ______, 19.98, before me

personally came Ralph B. Jander to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

otary Public JEANINE R. CICHORZ NOTARY PUBLIC OF NEW JERSEY

RECORDED: 10/13/1998