

06-01-2000

cet No.: Liang 3 (2010/3)

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	To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof
	Name of conveying party(ies): Anhui Liang	2. Name and address of receiving party(ies):
		Name: Tyco Submarine Systems Ltd.
		Internal Address:
	Additional names(s) of conveying party(ies)	
	3. Nature of conveyence:	
	🛮 Assignment 🗀 Merger	Street Address: 60 Columbia Turnpike
	☐ Security Agreement ☐ Change of Name	
	Other	City: Morristown State NJ ZIP 07960
	Execution Date: 11/22/99	Additional name(s) & address(es) attached? ☐ Yes 🔀 No
	If this document is being filed together with a new application A Patent Application No.(s) 69/453376	, the execution o⊒te of the application is: B. Patent No.(s)
	NTES 00000028 501047 09453376	
01 FC:581	40.00 CH Additional numbers attac	ched? 🔲 Yes 🔲 No
	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved
	Name: Stuart Mayer, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00 ~
Adjustment dat 12/10/1999 DNG 01 FC:581	Internal Address: Mayer, Fortkort & Williams	Market Committee Com Committee Committee
	te: 06/02/2000 DCDATES	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	NYEN 00000208 501047 09453375 40.00 CR	Authorized to be charged to deposit account
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\	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	- 1 100
	Stuart Mayer 35,277	12/1/44
	Name of Person Signing Total number of pages including cover si	Signature Date

TSSL Case No.: LAING 3



ASSIGNMENT AND AGREEMENT

For value received, I Anhui Liang, of Eatontown, in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to TYCO SUBMARINE SYSTEMS LTD., a corporation of the State of Delaware, having an office at 60 Columbia Turnpike, Morristown, New Jersey 07960, U.S.A., and its successors, assigns and legal representatives, hereinafter collectively "TSSL", the entire right, title and interest, for the United States of America, in and to certain inventions related to

GAIN-CLAMPED ERBIUM-DOPED FIBER AMPLIFIER WITH PULSED COMPENSATING LASER SIGNAL

described in an application for Letters Patent of the United States, executed by me 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 I also concurrently hereby sell, assign and transfer to TSSL 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.

I authorize TSSL 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.

I 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 TSSL to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

l request that any and all patents for said inventions be issued to TSSL in the United States and to TSSL in all countries foreign to the United States, or to such nominees as they may designate.

PATENT REEL: 010669 FRAME: 0202



I agree that, when requested, I shall, without charge to TSSL but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Anhui Liang

Date: 11/22/99

United States of America

RECORDED: 12/02/1999

State of New Jersey) ss:

County of Monmouth)

MAPJORIE I. SCARIATI NOTARY PUBLIC STAT," OF NEW JERSEY

Commission Expires December 01, 2003

On this 12 " day of NOVEMBER 1999, before me personally came Anhui Liang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mayore J. Regusti Notary Public

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PATENT REEL: 010669 FRAME: 0203