FORM PTO-1595

RECOR



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

100994797

(Rev. 6-93) OMB No. 0651-0011(exp. 4/94)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Andrej B. PUC Alexei N. PILIPETSKII

Additional name(s) of conveying party(ies) attached? □Yes ⊠No

3. Nature of conveyance:

Assignment

□ Merger

□ Security Agreement

□ Change of Name

Other___

Execution Date: March 1, 1999

2. Name and address of receiving party(ies):

Name: TYCO SUBMARINE SYSTEMS, LLC

Internal Address:

Street Address:

250 Industrial Way West

Room 1A-243

Eatontown, NJ 07724

Additional name(s) & address(es) attached? □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:

A. Patent Application No.(s) 09/250,297

B. Patent No.(s)

Additional numbers attached: □ Yes ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Christopher R. Hutter Kenvon & Kenvon 1025 Connecticut Avenue, N.W. Washington, DC 20036

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$40.00

□ Enclosed

■ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

08/25/1999 JSHABAZZ/00000053 NO600

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.

Christopher R. Hutter Name of Person Signing

March 18, 1999

Date

Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

185984-1

FC:581

PATENT REEL: 9835 FRAME: 0820

ASSIGNMENT AND AGREEMENT

For value received, we, Andrej B. Puc of 6 Prospect Avenue, Atlantic Highlands, New Jersey 07716 and Alexei N. Pilipetskii of 16 Raleigh Pass, Colts Neck, New Jersey 07722, hereby sell, assign, and transfer to Tyco Submarine Systems Ltd., a corporation of the State of Delaware, having an office at 340 Mount Kemble Avenue, Morristown, New Jersey 07960, U.S.A., and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain inventions related to **METHOD AND APPARATUS FOR IMPROVING SPECTRAL EFFICIENCY IN FIBER-OPTIC COMMUNICATION SYSTEM** 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 us, 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.

PATENT REEL: 9835 FRAME: 0821

		tac
Date: 3/1/99		Andrej B. PUC
United States of America)	
State of New Jersey) ss.:	
County of Monmouth)	
On this / day of March me known to be the individual descracknowledged execution of same.	19 <u>99</u> , before meribed in and who	e personally came Stephen A. Bandrowski to executed the foregoing instrument, and
		Christenic I. Salmon Notary Public: My sommission expension 10/22/2003
		Alexei Pilipefruir
Date: 3/1/99		
United States of America)	
State of New Jersey) ss.:	
County of Monmoulk)	
On this / day of March known to be the individual described acknowledged execution of same.	19 <u>7</u> % before med in and who ex	e personally came Holt A. Murray to me ecuted the foregoing instrument, and
		Obustine L. Sulmon Notary Public: Ny commission expures 16/22/2003
183301-1	2	

RECORDED: 03/18/1999

PATENT REEL: 9835 FRAME: 0822