

03-05-1999



Tab settings

To the Honorable Commissioner of Patent

100978448

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Howard David Kidorf
Karsten Rottwitt

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

Name: Tyco Submarine Systems, Ltd.

Internal Address:

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

2-14-99

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 340 Mount Kemble Avenue

City: Morristown State: NJ ZIP: 07960

Execution Date: 10/14/98 and 12/22/98

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 10/14/98 and 12/23/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Stuart H. Mayer, Esq.

Internal Address: Mayer & Williams, LLC

6. Total number of applications and patents involved:

1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0309

02/25/1999 Patent Fee 40.00 CH Suite 250

02 FC:501 Suite 250 40.00 CH

City: West Orange State: NJ ZIP: 07052

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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.

Stuart H. Mayer, Reg. No. 35,277

1/12/99

Name of Person Signing

Signature

Date

ASSIGNMENT AND AGREEMENT

For value received, we Howard David Kidorf, of Red Bank in the County of Monmouth and State of New Jersey and Karsten Rottwitt of Basking Ridge in the County of Somerset, 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 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 **Improved Method and Apparatus for Remotely Pumping a Rare-Earth Doped Optical Fiber Amplifier and a Communication System Employing Same** 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 invention 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 application, patents, or other forms of protection.


Howard David Kidorf

Date: 10/14/98

United State of America)

State of New Jersey)ss: 156-64-8221

County of Monmouth)

On this 14 day of October 1998, before me personally came Howard David Kidorf to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.


Notary Public

JEANINE R. CICHORZ
A NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 2003

Karsten Rottwitt

Karsten Rottwitt

Date: 12/22/98

United State of America)

State of New Jersey)ss:

County of Somerset)

On this 22nd day of DECEMBER 1998, before me personally came Karsten Rottwitt to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Troy E. Bright, Sr.

Notary Public

TROY E. BRIGHT, SR
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 03/20/2000