

REC

04-30-1999



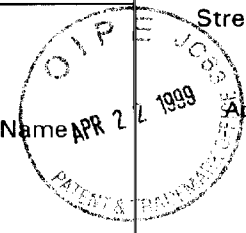
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To the Honorable Commissioner of Patents and Trademarks: Please attach original documents or copy thereof.

1. Name of conveying party(ies):
Ramesh Varma
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Tyco Submarine Systems Ltd.
Internal Address:
Street Address: 60 Columbia Turnpike
Morristown, NJ 07960
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____



Execution Date: April 21, 1999

4. Application number(s) or patent number(s); 09/276,797
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) B. Patent No.(s)
Additional numbers attached: Yes No

4-22-99

5. Name and address of party to whom correspondence concerning document should be mailed:
Robert L. Grabarek, Jr.
Kenyon & Kenyon
1500 K Street, N.W., Suite 700
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

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)

04/28/1999 JSHADAZZ 00000069 110600 09276797
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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.

Robert L. Grabarek, Jr. (40,625)
Name of Person Signing

Signature

4/22/99
Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT AND AGREEMENT

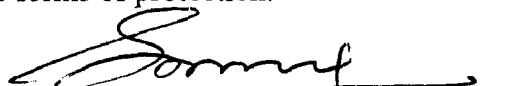
For value received, I, Ramesh Varma, of Berkeley Heights in the State of New Jersey, hereby sell, assign, and transfer to Tyco Submarine Systems Ltd., a corporation of the State of Delaware, having an office at 60 Columbia Turnpike, Morristown, New Jersey 07960, U.S.A., and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain inventions related to **METHOD AND APPARATUS FOR CLEANING AN OPTICAL FIBER SPLICER ELECTRODE**, described in an application for Letters Patent of the United States, filed on March 26, 1999 and assigned U.S. Patent Application Serial No. 09/276,797, 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 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.

I 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.

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 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.

I 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.

I agree that, when requested, I 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.


Ramesh Varma

Date: 4/21/99

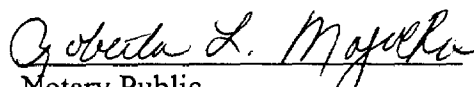
United States of America)

State of New Jersey) ss.: 138-78-1699

City of Clark)

On this 21 day of APRIL 1999, before me personally came Ramesh Varma to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Sworn to and subscribed before me
this 21 day of APRIL 19 99


Notary Public

ROBERTA L. MAJOCHA
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 4/18/2002

DCI-185717