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<p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>March 31, 1999</u></p>	
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<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is <u>N/A</u></p> <table border="1"> <tr> <td data-bbox="105 882 812 1018"> <p>A. Patent Application No.(s)</p> <p>09/031,011</p> </td> <td data-bbox="812 882 1534 1018"> <p>B. Patent No.(s):</p> <p>N/A</p> </td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No.(s)</p> <p>09/031,011</p>	<p>B. Patent No.(s):</p> <p>N/A</p>
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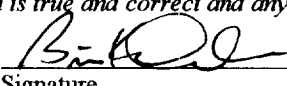
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>B. K. Dinicola</u></p> <p>Internal Address: <u>Rm. 1B-248</u></p> <p>Street Address: <u>250 Industrial Way West</u></p> <p>City: <u>Eatontown</u> State: <u>NJ</u> ZIP: <u>07724</u></p>	<p>6. Total number of applications and patents involved: [1]</p>
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<p>7. Total fee (37 C.F.R. 3.41)..... \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>

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<p>8. Deposit account number: <u>50-0309</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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<p>9. Statement and signature.</p>		
<p><i>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.</i></p>		
<p><u>Brian K. Dinicola, Esq. Reg. No. 36,122</u></p>		<p><u>April 7, 1999</u></p>
<p>Name of Person Signing</p>		<p>Signature</p>
<p>Total number of pages including cover sheet, attachments and document : 3</p>		

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ASSIGNMENT AND AGREEMENT

For value received, I, Neal S. Bergano, of Lincroft, 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

METHOD AND APPARATUS FOR PERFORMING DISPERSION COMPENSATION WITHOUT A CHANGE IN POLARIZATION AND A TRANSMITTER INCORPORATING SAME

described in an application for Letters Patent of the United States filed on February 26, 1998 and having a Serial No. of 09/031011, 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.

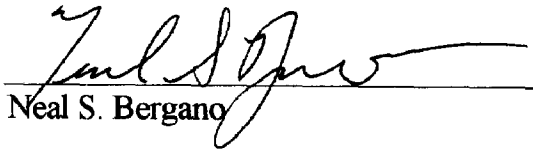
I authorize TSSL to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any 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.

I 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.

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.

Date: March 31 1999

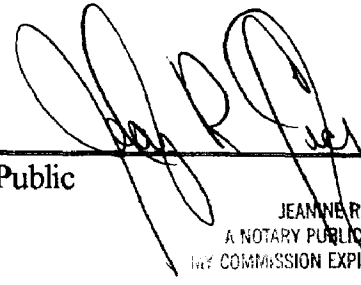

Neal S. Bergano

United States of America)

State of New Jersey)ss.: 096-50-6753

County of Monmouth)

On this 31st day of March, 1999, before me personally came Neal Bergano to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public
JEANNE R. CICHORZ
A NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 9/11/2003