FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person
   Gallagher Terrence G
   (Last) (First) (Middle)
   c/o ANADIGICS, Inc.
   141 Mt. Bethel Road
   Warren NJ 07059
   (Street) (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
   ANADIGICS INC [anad]

3. Date of Earliest Transaction (Month/Day/Year)
   12/30/2011

4. If Amendment, Date of Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   Director
   Officer
     (give title below)
     Vice President and CFO
   10% Owner
   Other
     (specify below)

6. Individual or Joint/Group Filing
   Form filed by One Reporting Person
   Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANADIGICS Inc. Common Stock</td>
<td>12/30/2011</td>
<td>12/30/2011</td>
<td>M</td>
<td>3,000 A</td>
<td>$1.998 111,796 D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee stock purchase plan</td>
<td>$1.998</td>
<td>12/30/2011</td>
<td>12/30/2011</td>
<td>M</td>
<td>3,000</td>
<td>12/30/2011</td>
<td>ANADIGICS Employee Stock Purchase Plan</td>
<td>3,000</td>
<td>$1.998</td>
<td>24,927</td>
<td>D</td>
</tr>
<tr>
<td>Employee Stock Purchase Plan</td>
<td>$2.0385</td>
<td>01/03/2012</td>
<td>12/30/2012</td>
<td>A</td>
<td>3,000</td>
<td>12/30/2012</td>
<td>ANADIGICS Employee Stock Purchase Plan</td>
<td>3,000</td>
<td>$2.0385</td>
<td>27,927</td>
<td>D</td>
</tr>
</tbody>
</table>

**Explanation of Responses:**

/s/ Terrence G. Gallagher

** Signature of Reporting Person

01/04/2012

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).


Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.