

# FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP  
OF SECURITIES

OMB APPROVAL  
OMB Number: 3235-0287  
Expires: November 30, 2011  
Estimated average burden hours per response... 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public  
Utility Holding Company Act of 1935 or Section 30(f) of the  
Investment Company Act of 1940

|   |   |   |
|---|---|---|
| 1. Name and Address of Reporting Person *       | 2. Issuer Name and Ticker or Trading Symbol       | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)         |
| PEER DEVELOPMENTS LTD                           | SYNNEX CORP [ SNX ]                               |   |
| (Last) (First) (Middle)                         | 3. Date of Earliest Transaction (MM/DD/YYYY)      | ____ Director                      __ X __ 10% Owner                            |
| 4TH FLOOR, NO. 75, SEC. 3,, MING-SHENG E. ROAD, | 1/19/2012   | ____ Officer (give title below)                      ____ Other (specify below) |
| (Street)  | 4. If Amendment, Date Original Filed (MM/DD/YYYY) | 6. Individual or Joint/Group Filing (Check Applicable Line)                     |
| TAIPEI, F5 00000                                |   | ____ Form filed by One Reporting Person   |
| (City) (State) (Zip)                            |   | __ X __ Form filed by More than One Reporting Person                            |

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

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |            |          | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|----------|---|--|---|
|                                 |                |                                   | Code                      | V | Amount  | (A) or (D) | Price    |   |  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 500   | D          | \$35.87  | 4291814   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 1119  | D          | \$35.88  | 4290695   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 495   | D          | \$35.89  | 4290200   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 5   | D          | \$35.895 | 4290195   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 1700  | D          | \$35.90  | 4288495   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 1200  | D          | \$35.91  | 4287295   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 1400  | D          | \$35.92  | 4285895   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 1000  | D          | \$35.93  | 4284895   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 300   | D          | \$35.94  | 4284595   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 200   | D          | \$35.945 | 4284395   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 200   | D          | \$35.95  | 4284195   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 800   | D          | \$35.96  | 4283395   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 100   | D          | \$35.97  | 4283295   | D  |   |
| common share                    | 1/19/2012      |                                   | S                         |   | 400   | D          | \$35.98  | 4282895   | D  |   |

| Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities) |  |                |                                   |                           |   |  |     |   |                 |   |                            |  |   |  |  |
|--|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|---|--|--|
| 1. Title of Derivate Security (Instr. 3)   | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|  |  |                |                                   | Code                      | V | (A)  | (D) | Date Exercisable                        | Expiration Date | Title   | Amount or Number of Shares |  |   |  |  |

### Explanation of Responses:

### Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |                             |
|--|---------------|-----------|---------|-----------------------------|
|  | Director      | 10% Owner | Officer | Other                       |
| <b>PEER DEVELOPMENTS LTD</b><br><b>4TH FLOOR, NO. 75, SEC. 3,</b><br><b>MING-SHENG E. ROAD,</b><br><b>TAIPEI, F5 00000</b>               |               | <b>X</b>  |         |                             |
| <b>Synnex Technology International CORP</b><br><b>4TH FLOOR, NO. 75 SEC. 3,</b><br><b>MING-SHENG E. ROAD,</b><br><b>TAIPEI, F5 00000</b> |               |           |         | <b>beneficial ownership</b> |

### Signatures

Tu,Shu-Wu

1/23/2012

\*\* Signature of Reporting Person

Date

Tu,Shu-Wu

1/23/2012

\*\* Signature of Reporting Person

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).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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

Persons who 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.