| SEC Form 4 | |
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subje | ot to |
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| | |
| Section 16. Form 4 or Form 5 | |
| obligations may continue. See | |
| Instruction 1(b). | |

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

| OWR APPRC | IVAL |
|-------------------------|-----------|
| OMB Number: | 3235-0287 |
| Estimated average burde | en |
| hours per response: | 0.5 |

| | | | 2. Issuer Name and Ticker or Trading Symbol OSI SYSTEMS INC [OSIS] | | tionship of Reporting Pe all applicable) Director | 10% Owner |
|---------------------------------|-------------------|----------------|-------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------|----------------------------------------|
| (Last) 12525 CHADRO | (First) DN AVE | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 09/14/2015 | X | Officer (give title below) Pres., Spacelabs | Other (specify below) Healthcare |
| (Street) HAWTHORNE (City) | CA (State) | 90250 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) X | ridual or Joint/Group Filir Form filed by One Rej Form filed by More tha Person | porting Person |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transa Code (8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | 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 | Transaction(s) (Instr. 3 and 4) | | (1130. 4) | |
| Common Stock | 09/14/2015 | | F | | 2,708 ⁽¹⁾ | D | \$74.99 | 74,011 | D | | |
| Common Stock | 09/14/2015 | | A | | 3,786 ⁽²⁾ | A | \$0 | 77,797 | D | | |
| Common Stock | 09/14/2015 | | F | | 1,268(1) | D | \$74.99 | 76,529 | D | | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transa Code (8) | | of Expiratio | | Expiration Da | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | d 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | Amount of Derivative Securities Security Underlying (Instr. 5) Derivative Security (Instr. 3 | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: 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:

1. Pursuant to a net settlement, shares of stock were tendered to satisfy tax withholding obligations. No shares of stock were sold.

2. Shares are issued pursuant to performance based vestings.

/s/ Nicholas Ong

** Signature of Reporting Person

09/14/2015 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 Number.