FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response.      | 0.5       |  |  |  |  |  |  |  |  |

Check this box if no longer subject to 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

| Name and Address of Reporting Person*     Yu Albert YC                           |  |  |         |  | PDI                              | Issuer Name and Ticker or Trading Symbol     PDF SOLUTIONS INC [ PDFS ]      Date of Earliest Transaction (Month/Day/Year) |         |            |  |       |  |   |                                       |   | all appli<br>Directo       | cable)<br>or   | f Reporting Person(s) to Issuerable)<br>10% Owner                    |  |  |  |
|--|--|--|---------|--|----------------------------------|--|---------|------------|--|-------|--|---|---------------------------------------|---|----------------------------|--|--|--|--|--|
| (Last)   | (Fi  | rst) (                                     | Middle) |  |                                  | 05/22/2012   |         |            |  |       |  |   |                                       |   | Officer (give title below) |  |  | Other (<br>below)  | specify  |  |
| 333 W. SAN CARLOS ST.<br>SUITE 1000  |  |  |         |  |                                  | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |         |            |  |       |  |   |                                       | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person |                            |  |  |  |  |  |
| (Street)<br>SAN JOS  | SE CA  | A 9  | 95110   |  |                                  |  |         |            |  |       |  |   |                                       |   |                            | X Form filed by One Reporting Form filed by More than Control Person   |  |  |  |  |
| (City)   | (St  | tate) (                                    | Zip)    |  |                                  |  |         |            |  |       |  |   |                                       |   |                            |  |  |  |  |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |  |  |         |  |                                  |  |         |            |  |       |  |   |                                       |   |                            |  |  |  |  |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/                 |  |  |         |  |                                  | Execution Date,  |         |            | 3. Transaction Code (Instr. 8) 4. Securiti Disposed and 5)     |       |  |   |                                       |   |                            | es<br>ially  | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) |  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)  |  |
|  |  |  |         |  | Code                             | v  | Amount  | amount (A) |  | ,  :  | Reported Transaction(s) (Instr. 3 and 4) |   | (111301. 4)                           |   | (111501.4)                 |  |  |  |  |  |
| Common Stock 05/22/20  |  |  |         |  | 2012                             | 012  |         | A          |  | 3,750 | 3,750 A                                  |   | 79                                    | 18,224  |                            |  | D  |  |  |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |         |  |                                  |  |         |            |  |       |  |   |                                       |   |                            |  |  |  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                              | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | 3. Transaction<br>Date<br>(Month/Day/Year) | if any  |  | 4.<br>Transact<br>Code (In<br>8) |  | on of E |            | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |       |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr. 3<br>and 4) |                                       | 8. Price<br>of<br>Derivative<br>Security<br>(Instr. 5)  |                            | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Owner<br>Form:<br>Direct<br>or Ind<br>(I) (Ins<br>4)                 | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |  |         |  | Code                             | v  | (A)     |            | Date<br>Exercisable  |       | xpiration<br>ate                         | Title   | Amour<br>or<br>Number<br>of<br>Shares |   |                            |  |  |  |  |  |
| Stock<br>Options<br>(Right to<br>Buy)  | \$8.79   | 05/22/2012                                 |         |  | A                                |  | 11,250  |            | 05/22/2012 <sup>()</sup>                                       | 0     | 5/21/2022                                | Common<br>Stock   | 11,250                                |   | \$0                        | 11,250   |  | D  |  |  |

## Explanation of Responses:

1. 1/4th of the total shares subject to the option will vest on the grant date and 1/48th of the total shares will vest monthly after the grant date until fully vested, provided that the reporting person continues to serve as a director on the Board of Directors.

/s/ Gregory Walker, Attorneyin-fact for Albert Y.C. Yu 05/24/2012

\*\* Signature of Reporting Person Dat

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.