

CUNNINGHAM PAUL J  
 Form 4  
 May 14, 2009

**FORM 4**

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

OMB APPROVAL

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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 OF SECURITIES**

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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 CUNNINGHAM PAUL J

2. Issuer Name and Ticker or Trading Symbol  
 PARAMETRIC TECHNOLOGY CORP [PMTC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/13/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 EVP Worldwide Sales

C/O PARAMETRIC TECHNOLOGY CORP, 140 KENDRICK STREET

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

NEEDHAM, MA 02494

(City) (State) (Zip)

**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. Transaction 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Amount  | Price  |                                   |
|                                 |                                      |  |                                | Code  | V   |  |                                   |

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

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SEC 1474 (9-02)

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

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| 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. Transaction 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 (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Title and Amount of Underlying Securities (Instr. 3 and 4) |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|----------------------------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title   | Amount or Number of Shares |
| Restricted Stock Units                     | (1)  | 05/13/2009                           |  | A                              |   | (2)  | (2)   | Common Stock  | 95,255                     |
| Restricted Stock Units                     | (1)  | 05/13/2009                           |  | A                              |   | (3)  | (3)   | Common Stock  | 95,255                     |
| Restricted Stock Units                     | (1)  | 05/13/2009                           |  | A                              |   | (4)  | (4)   | Common Stock  | 34,922                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                     |       |
|---|---------------|-----------|---------------------|-------|
|   | Director      | 10% Owner | Officer             | Other |
| CUNNINGHAM PAUL J<br>C/O PARAMETRIC TECHNOLOGY CORP<br>140 KENDRICK STREET<br>NEEDHAM, MA 02494 |               |           | EVP Worldwide Sales |       |

## Signatures

Catherine Gorecki by power of attorney filed 11/2/2007 05/14/2009

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) Each restricted stock unit represents a contingent right to receive one share of Parametric Technology Corporation common stock. Performance-based restricted stock units subject to subsequent time-based restrictions. The restricted stock units will be earned only to the extent the established performance criteria are met. The restricted stock units finally earned will vest as to one-third of such units on each of (i) the latter of November 15, 2009 or the date the Compensation Committee determines the performance criteria have been achieved, (ii) November 15, 2010 and (iii) November 15, 2011.
- (3) Time-based restricted stock units that vest in three substantially equal increments on each of November 15, 2009, November 15, 2010, and November 15, 2011.
- (4) Restricted stock units granted under the Company's Executive Incentive Plan for the second half of 2009. The restricted stock units will vest only to the extent the established performance criteria are met. The restricted stock units finally earned will vest on the later of

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November 15, 2009 or the date the Compensation Committee determines the extent to which the performance criteria have been achieved.

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

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