Pacelli Steven Robert Form 4 March 13, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

3235-0287 Number: January 31, Expires:

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Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations

may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| 1. Name and Addre Pacelli Steven I | * | ng Person * | 2. Issuer Name and Ticker or Trading Symbol DEXCOM INC [DXCM] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|---------------------------------------|---------|-------------|--|--|--|--|--|
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | | | | |
| 6340 SEQUENCE DRIVE | | | (Month/Day/Year) 03/08/2012 | Director 10% OwnerX Officer (give title Other (specify below) COO | | | |
| (Street) | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| SAN DIEGO, CA 92121 | | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |

| (City) | (State) | (Zip) Tab | le I - Non- | Derivative | Secui | rities Acquir | ed, Disposed of, | or Beneficiall | y Owned |
|--------------------------------------|--------------------------------------|---|--|-------------------|-------|----------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. 4. Securities Acqui Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or | | | D) 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) |
| Common Stock | 03/08/2012 | | Code V A | Amount 71,621 (1) | (D) | Price \$ 0.001 | 187,224 | D | |
| Common Stock | 03/08/2012 | | D | 5,974 (2) | D | \$ 10.2583 | 181,250 | D | |
| Common Stock | 03/08/2012 | | D | 8,781 (2) | D | \$ 10.2583 | 172,469 (3) | D | |

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

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number.

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

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Titl | le and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------|-------------|---------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transacti | orNumber | Expiration D | ate | Amou | ınt of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | rlying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Secur | ities | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | · | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | ` |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Expiration | | or | | |
| | | | | | | Exercisable | Date | Title | Number | | |
| | | | | | | Lacroisdoic | Dute | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| Pacelli Steven Robert | | | | | | | |
| 6340 SEQUENCE DRIVE | | | COO | | | | |
| SAN DIEGO, CA 92121 | | | | | | | |

Signatures

/s/ Jess Roper For: Steven R.
Pacelli
03/13/2012

**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).
- Represents a grant of restricted stock units that are exempt from Section 16 b-3 and are subject to vesting over a 36 month period from the (1) date of grant as follows: 1/3 shall vest 12 months from the Grant Date, and the remaining balance shall vest in four equal installments over the following 24 months. Share units represent a contingent right to receive one share of DexCom, Inc. common stock.
- (2) These shares were sold to cover the Company's tax withholding obligation that accrued in connection with the vesting of restricted stock units previously granted.
 - Included in this number are 71,621 restricted stock units subject to vesting over a 36 month period following the grant date of March 8, 2011 as follows: 1/3 shall vest 12 months from the Grant Date, and the remaining balance shall vest in four equal installments over the
- (3) following 24 months. Also included in this number are 31,250 restricted stock units subject to vesting over a 27 month period following the grant date of March 8, 2011 as follows: 1/2 shall vest 12 months from the Grant Date, 1/6 shall vest 18 months from the Grant Date, 1/6 shall vest 24 months from the grant date, and the remaining balance shall vest 27 months from the Grant Date.

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 number.

Reporting Owners 2