Martin Bruce K Form 4/A February 14, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

Issuer

Martin Bruce K

COMPLETE GENOMICS INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[GNOM]

(Middle)

3. Date of Earliest Transaction

Director X_ Officer (give title Other (specify

(Month/Day/Year) 02/14/2012

below) SVP, Product Development

10% Owner

2071 STIERLIN COURT

4. If Amendment, Date Original

(Instr. 8)

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

04/11/2011

Person

MOUNTAIN VIEW, CA 94043

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (T)

(Instr. 4)

Indirect Ownership (Instr. 4)

(A)

Code V Amount (D) Price

Following Reported Transaction(s)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or Derivative Disposed of (D) Security (Instr. 3, 4, and 5) Code V (D) Date Expiration Title (A) Amount or Exercisable Date Number of Shares Stock Option 100,000 Common (2) 04/10/2021 \$ 11.13 04/11/2011 A 100,000 (1) (Right to Stock buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Martin Bruce K 2071 STIERLIN COURT MOUNTAIN VIEW, CA 94043

SVP, Product Development

Signatures

/s/ Maureen Monahan, Attorney in Fact for Bruce
Martin

02/14/2012

**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).
- (1) Shares included in the "Disposed" column rather than the "Acquired" column on the original Form 4 filing dated April 11, 2011.
- The shares vest pursuant to the following schedule: The shares subject to the option vest in 48 successive, equal monthly installments measured from April 11, 2011, subject to the Reporting Person's continued employment or service relationship with the issuer on each such vesting date. Such stock options include a change of control provision such that all unvested options will immediately vest and become exercisable in connection with a change of control of Issuer.

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.

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