REID CLIFFORD A 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:

OMB APPROVAL

3235-0287

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

Check this box

obligations may continue. See Instruction

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 * REID CLIFFORD A

(First)

(Street)

2. Issuer Name and Ticker or Trading

Issuer

_X__ Director

Symbol COMPLETE GENOMICS INC

[GNOM]

(Check all applicable)

Chief Executive Officer

10% Owner

5. Relationship of Reporting Person(s) to

(Middle)

3. Date of Earliest Transaction (Month/Day/Year) 02/14/2012

X_ Officer (give title Other (specify below)

2071 STIERLIN COURT

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

04/11/2011

Form filed by More than One Reporting

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) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

(Instr. 4)

Ownership (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

Reported

Code V Amount (D) Price

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

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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 150,000 Common (2) 04/10/2021 \$ 11.13 04/11/2011 A 150,000 (1) (Right to Stock buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

REID CLIFFORD A 2071 STIERLIN COURT MOUNTAIN VIEW, CA 94043

X Chief Executive Officer

Signatures

/s/ Maureen Monahan, Attorney in Fact for Clifford A.
Reid
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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