

MYRIAD GENETICS INC
Form 4
August 27, 2008

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 *
Harrison Robert Gardner

(Last) (First) (Middle)
320 WAKARA WAY
(Street)

SALT LAKE CITY, UT 84108

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
MYRIAD GENETICS INC [MYGN]

3. Date of Earliest Transaction (Month/Day/Year)
08/27/2008

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
X Officer (give title below) ___ Other (specify below)
Chief Information Officer

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

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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V Amount (A) or (D) Price | | | |
| Common Stock | 08/27/2008 | | M | 360 A \$ 5.5625 | 1,170 | D | |
| Common Stock | 08/27/2008 | | S | 360 D \$ 65.9 | 810 | D | |
| Common Stock | 08/27/2008 | | M | 2,199 A \$ 10.74 | 3,009 | D | |
| Common Stock | 08/27/2008 | | S | 2,199 D \$ 65.9 | 810 | D | |
| Common Stock | 08/27/2008 | | M | 1,526 A \$ 16.97 | 2,336 | D | |

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Common Stock 08/27/2008 S 1,526 D \$ 65.9 810 D

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

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(9-02)

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

| 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 Security (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Incentive Stock Option (right to buy) | \$ 5.5625 | 08/27/2008 | | M | 360 | ⁽¹⁾ 05/20/2009 | Common Stock | 360 |
| Non-Qualified Stock Option (right to buy) | \$ 10.74 | 08/27/2008 | | M | 2,199 | 04/14/2005 02/13/2013 | Common Stock | 2,199 |
| Non-Qualified Stock Option (right to buy) | \$ 16.97 | 08/27/2008 | | M | 1,526 | 04/14/2005 02/19/2014 | Common Stock | 1,526 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Harrison Robert Gardner 320 WAKARA WAY SALT LAKE CITY, UT 84108 | | | Chief Information Officer | |

Signatures

By: Richard Marsh For: Robert Gardner Harrison 08/27/2008

__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) 20% vests annually beginning on the 1st anniversary of the date of the Option Grant.

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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