MYRIAD GENETICS INC

Form 4

September 14, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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Estimated average burden hours per

response...

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

Form 5 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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Harrison Robert Gardner

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

MYRIAD GENETICS INC [MYGN]

(Check all applicable)

(First) (Last)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 09/12/2012

Director 10% Owner X_ Officer (give title

below)

Other (specify below)

320 WAKARA WAY

(Instr. 3)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Chief Information Officer

Applicable Line)

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

Person

SALT LAKE CITY, UT 84108

(City) (State) (Zip)

(Street)

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

1. Title of 2. Transaction Date 2A. Deemed Security (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 Ownership (I) (Instr. 4) (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.

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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amour Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securit** Securities Security or Exercise Code (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed or (D) (Instr. 3, 4, and 5)	f			
				Code V	(A) (D	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Incentive Stock Option (right to buy)	\$ 27.07	09/12/2012		A	593	<u>(1)</u>	09/12/2022	Common Stock	59
Non-Qualified Stock Option (right to buy)	\$ 27.07	09/12/2012		A	69,407	<u>(1)</u>	09/12/2022	Common Stock	69,4

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 G. Harrison

09/14/2012

**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).
- The combined Incentive Stock Option and Non-Qualified Stock Option grants vest 25% annually beginning on the first anniversary date of the option grant, subject to statutory ISO limitations.

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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