

Motorola Solutions, Inc.
Form 4
February 24, 2011

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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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 *
BROWN GREGORY Q

(Last) (First) (Middle)

1303 EAST ALGONQUIN ROAD

(Street)

SCHAUMBURG, IL 60196

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Motorola Solutions, Inc. [MSI]

3. Date of Earliest Transaction (Month/Day/Year)
02/22/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
Pres & CEO, MSI

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4) |
|---------------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | Code | V | Amount | (D) | Price |
| Motorola Solutions, Inc. Common Stock | 02/22/2011 | | A | | 118,506 | A | \$ 0 767,635 |
| | | | | | | D | |

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

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SEC 1474 (9-02)

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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 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 Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable Expiration Date | Title Amount Number Shares |
| Employee Stock Option | \$ 38.04 | 02/22/2011 | | A | 519,887 | ⁽¹⁾ 02/22/2021 | Common Stock 519,887 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------|-------|
| | Director | 10% Owner | Officer | Other |
| BROWN GREGORY Q 1303 EAST ALGONQUIN ROAD SCHAUMBURG, IL 60196 | X | | Pres & CEO, MSI | |

Signatures

Kristin L. Kruska, on behalf of Gregory Q. Brown, President and Chief Executive Officer,
Motorola Solutions, Inc. (Power of Attorney on File) 02/24/2011

__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) These options vest in three equal annual installments, each vesting date to be the later of (a) the date on which the average closing price of the Company common stock over a fifteen day trading period is 10% greater than the average closing price of Company common stock over the fifteen day trading period immediately preceding the date of grant on February 22, 2011, and (b) the first, second and third anniversary of 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.

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