

Motorola Solutions, Inc.
 Form 4/A
 March 15, 2011

FORM 4

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

OMB APPROVAL

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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)
 02/24/2011

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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	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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SEC 1474
 (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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number of Shares
Employee Stock Option	\$ 38.04	02/22/2011	A	48,489 (1)					(2)	02/22/2021	Common Stock	48,489
Stock Appreciation Right	\$ 38.04	02/22/2011	A	471,398 (1)					(2)	02/22/2021	Common Stock	471,398

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) 03/15/2011

__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) On March 14, 2011, 471,398 of the original award of 519,887 options were substituted with stock-settled stock appreciation rights having the same economic and vesting terms pursuant to the terms of the Motorola Solutions Omnibus Incentive Plan of 2006.
- (2) These options and stock-settled stock appreciation rights 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. 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.