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

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

January 31, 2005

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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 * **BROWN GREGORY Q**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

Motorola Solutions, Inc. [MSI]

(Check all applicable)

(First) (Middle) (Last)

1303 EAST ALGONQUIN ROAD

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

X_ Director 10% Owner X_ Officer (give title

02/22/2011

below)

Other (specify

Pres & CEO, MSI

6. Individual or Joint/Group Filing(Check

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Instr. 8)

Applicable Line)

02/24/2011

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

(Instr. 4)

Person

SCHAUMBURG, IL 60196

(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)

5. Amount of Securities Beneficially Owned

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

(Instr. 4)

(A)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (ADisposed of (Instr. 3, 4, 5)	f (D)				
				Code V	7 (A)	(D)	Date Exercisable	Expiration Date	Title	Amou Numl Share
Employee Stock Option	\$ 38.04	02/22/2011		A	48,489 (1)		(2)	02/22/2021	Common Stock	48,
Stock Appreciation Right	\$ 38.04	02/22/2011		A	471,398 (1)		(2)	02/22/2021	Common Stock	471,

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runne, runness	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).
- 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.
- 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.

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