

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-28** | Period of Report: **2013-01-24**
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ISSUER

Motorola Solutions, Inc.

CIK: **68505** | IRS No.: **361115800** | State of Incorporation: **DE** | Fiscal Year End: **1231**
SIC: **3663** Radio & tv broadcasting & communications equipment

Mailing Address

1303 EAST ALGONQUIN
ROAD
SCHAUMBURG IL 60196

Business Address

1303 E ALGONQUIN RD
SCHAUMBURG IL 60196
8475765000

REPORTING OWNER

BROWN GREGORY Q

CIK: **1201232**
Type: **4** | Act: **34** | File No.: **001-07221** | Film No.: **13552434**
SIC: **7372** Prepackaged software

Mailing Address

1303 E. ALGONQUIN ROAD
SCHAUMBURG IL 60196

Business Address

1303 E. ALGONQUIN ROAD
SCHAUMBURG IL 60196
8475765014

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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. Name and Address of Reporting Person BROWN GREGORY O			2. Issuer Name and Ticker or Trading Symbol Motorola Solutions, Inc. [MSI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chairman and CEO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/24/2013					
MOTOROLA SOLUTIONS, INC., 1303 E. ALGONQUIN ROAD			4. If Amendment, Date Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
(Street) 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 (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
Motorola Solutions, Inc. - Common Stock	01/24/2013		M	(1)	23,282	A	\$30.56	500,916.5146 (2)	D	
Motorola Solutions, Inc. - Common Stock	01/24/2013		S	(1)	23,282	D	\$58.9471 (3)	477,634.5146 (2)	D	
Motorola Solutions, Inc. - Common Stock								81,000 (4)	I	By Trust
Motorola Solutions, Inc. - Common Stock								78,780 (5)	I	By Trust
Motorola Solutions, Inc. - Common Stock								2,220	I	Held by wife

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Employee stock option (Right to purchase)	\$30.56 (6)	01/24/2013		M	(1)		23,282 (6)		(7)	05/06/2013	Motorola Solutions, Inc. - Common Stock	23,282 (6)	\$ 0	0	D	

Explanation of Responses:

1. The exercise of options and sale of shares reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on July 25, 2012.
2. Includes shares acquired through the reinvestment of dividends and dividend equivalent rights credited to the reporting person when and as dividends were paid on Motorola Solutions, Inc. common stock.
3. \$58.9471 is the weighted average sales price. Prices for this transaction ranged from \$58.54 to \$59.45. The Reporting Person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
4. These shares are held in an irrevocable trust for the benefit of the reporting person's wife and children. The reporting person's wife is trustee of this trust.
5. These shares are held in an irrevocable trust for the benefit of the reporting person's children. The reporting person is trustee of this trust.
6. This option was originally reported as covering 350,000 shares at an option exercise price per share of \$8.13, but as previously reported, was adjusted to reflect the distribution by Motorola, Inc. on December 2, 2004 of shares of Freescale Semiconductor, Inc. The number of shares subject to this stock option and the exercise price per share has subsequently been adjusted to reflect the distribution by Motorola Solutions, Inc. of the shares of Motorola Mobility Holdings, Inc. and the 1-for-7 reverse stock split on January 4, 2011.
7. These options vested in four equal installments beginning on May 6, 2004.

Signatures

Kristin L. Kruska, on behalf of Gregory Q. Brown, Chairman and Chief Executive Officer (Power of Attorney on File)

** Signature of Reporting Person

01/28/2013

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.