Dudman Bryan L Form 4 February 04, 2010

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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OMB APPROVAL

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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

See Instruction 1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Dudman Bryan L Issuer Symbol SMITH INTERNATIONAL INC (Check all applicable) [SII] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) P.O. BOX 60068 02/02/2010 EVP, President D&E (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOUSTON, TX 77205-0068 Person

						1010011				
(City)	(State) (Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial	
,		(Month/Day/Year)					Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
Common Stock	02/02/2010		Code V A	Amount 41,628	(D)	Price \$ 0	99,196	D		
Common Stock	02/02/2010		F	3,753	D	\$ 31.7	95,443	D		
Common Stock							24,737 <u>(1)</u>	I	By 401(k) Plan	

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

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number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amou	nt of	Derivative	Deriv
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ		e		Securi	ities	(Instr. 5)	Bene
		Derivative				Securities		(Instr.	3 and 4)		Owne	
		Security			Acquired							Follo
						(A) or						Repo
						Disposed						Trans
						of (D)						(Instr
						(Instr. 3,						
						4, and 5)						
										Amount		
							Date Expiration Exercisable Date	Expiration		or Number		
								Date		of		
					Code V	(A) (D)				Shares		
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Dudman Bryan L P.O. BOX 60068

EVP, President D&E

HOUSTON, TX 77205-0068

Signatures

/s/ Pamela L. Kunkemoeller,
Atty-in-Fact
02/04/2010

**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) Includes 97 shares acquired under Smith International's 401(k) Plan since the date of the reporting person's last ownership report.

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