Instruction 1(b).

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Check this box if no longer subject to	STAT
Section 16. Form 4 or Form 5	
obligations may continue. See	

TEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL								
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Adams Katherine L.					2. Issuer Name and Ticker or Trading Symbol HONEYWELL INTERNATIONAL INC [HON]							(Ch	elationship o eck all applic Director	able)	g Pers	on(s) to Issu 10% Ow Other (s	/ner		
(Last) 101 COLU	(Firs	,	liddle)			3. Date of Earliest Transaction (Month/Day/Year) 07/02/2010							below)	P and Ge	neral	below)	posity		
(Street) MORRIST (City)	OWN NJ		7960 ip)		4. If <i>i</i>	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group F Line) X Form filed by One F Form filed by More Person							Repo						
		Tabl	e I - Nor	n-Deriv	/ative	Sec	urities	Acq	uired,	Dis	posed of	f, or Ben	eficiall	y Owned					
Date			2. Trans Date (Month/		ar) E	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4)				5. Amour Securities Beneficia Owned For	s illy ollowing	Form (D) or	. Ownership form: Direct D) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
									Code	v	Amount	(A) or (D)	Price	Transacti (Instr. 3 a	ion(s)		("	11301.44)	
	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	ercise (Month/Day/Year) of ative	3A. Deemed Execution Date, if any (Month/Day/Year		4. Transaction Code (Instr 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		te	7. Title and Amou of Securities Underlying Derivative Securit (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Numbe derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s Ily	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisa	able	Expiration Date	Title	Amount or Number of Shares						
Supplemental Savings Plan Interests	(1)	07/02/2010			A ⁽²⁾		12.178		(2)		(2)	Common Stock	12.178	\$38.53	1,329.6	25	D		

Explanation of Responses:

- 1. Instrument converts to common stock on a one-for-one basis.
- 2. Reflects phantom shares of common stock represented by Company contributions to my account under the Executive Supplemental Savings Plan under Rule 16b-3 on 07/02/2010.

Jacqueline Whorms FOR 07/06/2010 Katherine L. Adams

** Signature of Reporting Person

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.