WHITMAN CHRISTINE TODD

Form 4

August 23, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or

Check this box

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 * WHITMAN CHRISTINE TODD			suer Name and Ticker or Trading ol ol AS INSTRUMENTS INC	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
			AS INSTRUMENTS INC N]				
(Last)	(First) (M	,	e of Earliest Transaction h/Day/Year)	X Director 10% Owner Officer (give title Other (specify			
12500 TI BOULEVARD			0/2010	below) below)			
(Street)			mendment, Date Original Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
DALLAS, TX 75243			Monui/Day/ (Car)				
DALLAS, 1X /3243							
(City)	(State)	(Zip) T	able I - Non-Derivative Securities	Acquired, Disposed of, or Beneficially Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code Disposed of (D) ear) (Instr. 8) (Instr. 3, 4 and 5) (A) or	5. Amount of Securities Form: Direct Indirect Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4)			
Common Stock			Code V Amount (D) Pr	12,000 D			

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e Expiration Date (Month/Day/Year) (A) ed of		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deriv Secu (Inst
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	\$ 1 <u>(1)</u>	08/20/2010	A	108.71	(2)	(2)	Common Stock	108.71	\$ 2

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 9	Director	10% Owner	Officer	Other		
WHITMAN CHRISTINE TODD 12500 TI BOULEVARD DALLAS, TX 75243	X					

Signatures

/s/ Cynthia H. Grimm, Attorney
In Fact

08/23/2010

**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) Security converts to common stock on a one-for-one basis.
- Stock units credited under the Texas Instruments 2009 Director Compensation Plan, to be settled in common stock of the Issuer following (2) the reporting person's termination of service as a director of the Issuer. End-of-period holdings include stock units acquired pursuant to the dividend reinvestment provision of the Plan.

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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