#### **RUBINO MIKE**

Form 4

December 22, 2010

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

3235-0287 Number:

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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 ** RUBINO MIKE	2. Issuer Name <b>and</b> Ticker or Trading Symbol A123 SYSTEMS, INC. [AONE]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner		
C/O A123 SYSTEMS, INC., 321 ARSENAL STREET	12/21/2010			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
WATERTOWN, MA 02472	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip)	Table I	- Non-Derivative Securities Acq	uired, Disposed o	f, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature
Cocurity	(Month/Doy/Vear)	Execution Date	if Tr	encection(A) or Disposed of (D)	Securities	Ownership	Indirect

Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)				Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(A)		Reported	(Instr. 4)	
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	12/21/2010		M	5,000	A	\$ 0.21	24,783	D	
Common Stock	12/21/2010		S <u>(1)</u>	5,000	D	\$ 9.3784	19,783	D	

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 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 proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and	Securities
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 0.21	12/21/2010	M	5,000	07/26/2005(2)	08/26/2014	Common Stock	5,000

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

RUBINO MIKE C/O A123 SYSTEMS, INC. 321 ARSENAL STREET WATERTOWN, MA 02472

Chief Financial Officer

## **Signatures**

/s/ Michael

Rubino 12/22/2010

\*\*Signature of Date
Reporting Person

## **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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) 25% of the shares subject to the option vest on this date, and 6.25% of the shares subject to the option vest quarterly thereafter until the option is fully vested.

The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$9.20 to \$9.49, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

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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