

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

OMB APPROVAL

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Estimated average burden

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1. Name and Address of Reporting Person* <b>LEIGHTON F THOMSON</b>			2. Issuer Name and Ticker or Trading Symbol <b>AKAMAI TECHNOLOGIES INC [ AKAM ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>Chief Scientist</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>12/02/2008</b>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
8 CAMBRIDGE CENTER			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) CAMBRIDGE MA 02142								
(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			
Common Stock, par value \$.01 per share	12/02/2008		P		5,000	A	\$11.2	4,131,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		5,000	A	\$11.25	4,136,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		10,000	A	\$11.3	4,146,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		2,933	A	\$11.34	4,149,569	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		7,067	A	\$11.35	4,156,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		5,300	A	\$11.43	4,161,936	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		1,700	A	\$11.44	4,163,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		8,000	A	\$11.45	4,171,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		5,000	A	\$11.5	4,176,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		1,100	A	\$11.58	4,177,736	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/02/2008		P		3,900	A	\$11.59	4,181,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		5,000	A	\$11.15	4,186,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		10,000	A	\$11.25	4,196,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		5,000	A	\$11.35	4,201,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		5,000	A	\$11.45	4,206,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		5,000	A	\$11.56	4,211,636	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		800	A	\$11.62	4,212,436	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		1,100	A	\$11.63	4,213,536	I	See note <sup>(1)</sup>

**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			
Common Stock, par value \$.01 per share	12/03/2008		P		1,200	A	\$11.64	4,214,736	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		5,000	A	\$11.66	4,219,736	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		100	A	\$11.67	4,219,836	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		400	A	\$11.68	4,220,236	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		2,800	A	\$11.7	4,223,036	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		1,846	A	\$11.71	4,224,882	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		1,000	A	\$11.72	4,225,882	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		354	A	\$11.73	4,226,236	I	See note <sup>(1)</sup>
Common Stock, par value \$.01 per share	12/03/2008		P		400	A	\$11.74	4,226,636	I	See note <sup>(1)</sup>

**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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

**Explanation of Responses:**

1. Held by the F. Thomson Leighton and Bonnie Leighton Revocable Trust (the "Trust"). Mr. Leighton disclaims beneficial ownership of shares held by the Trust except to the extent of his pecuniary interest therein.

/s/ F. Thomson Leighton                      12/03/2008

\*\* 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.