

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person* <b>LAU JAMES K</b>  (Last) (First) (Middle) <b>495 EAST JAVA DRIVE</b>  (Street) <b>SUNNYVALE CA 94089</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>NETWORK APPLIANCE INC [ NTAP ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>Executive Vice President,</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>06/01/2006</b>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	06/02/2006		S <sup>(1)</sup>		35,000	D	\$32.3773 <sup>(2)</sup>	3,993,933	I	by Trust3 <sup>(3)</sup>
Common Stock								4,578	D	
Common Stock								68,600	I	by Trust1 <sup>(4)</sup>
Common Stock								68,600	I	by Trust2 <sup>(5)</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						Title
Non-Qualified Stock Option (right to buy)	\$32.5	06/01/2006		A		100,000		(6)	05/31/2013	Common Stock	100,000	\$0	100,000	D	

**Explanation of Responses:**

- This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 30, 2005.
- The sale prices for the reported transaction were in a range of \$32.135 and \$32.745 per share.
- Shares held in trust by James K. Lau and Katherine S. Lau, trustees to the KNSK Trust UDT 9/18/00
- Shares held in trust by Koon H. Lau, trustee to The Jason A. Lau 1998 Trust. Reporting person disclaims beneficial ownership of such shares.
- Shares held in trust by Koon H. Lau, trustee to The Jonathan A. Lau 1998 Trust. Reporting person disclaims beneficial ownership of such shares.
- Option vests in a series of equal monthly installments over 48 months of service beginning with the one-month anniversary of the grant date.

**Remarks:**

Amount of Non-Derivative Securities Beneficially Owned by Direct Ownership includes 927 shares of Issuer's common stock acquired on May 31, 2006 under the Network Appliance, Inc. Employee Stock Purchase Plan.

By: Janice Mahoney by Power of Attorney For: James K. Lau 06/05/2006

\*\* 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.**