

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Schedule 13G  
(Rule 13d-102)

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2  
UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No.1 and Restatement)\*

-----  
Network Appliance, Inc.  
-----

(Name of Issuer)

-----  
Common Stock  
-----

(Title of Class of Securities)

-----  
64120L104  
-----

(CUSIP Number)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following pages)

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Exhibit Index Contained on Page 11

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CUSIP NO. 64120L104  
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1 NAME OF REPORTING PERSONS  
SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
Vanguard IV, L.P. ("Vanguard")  
Tax ID Number: 77-0316839  
-----

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)  (b)

3 SEC USE ONLY  
-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware  
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NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 351,817 shares, except that VVP, the general partner of Vanguard, and Gill, Higginson, and Myers, the general partners of VVP, may be deemed to have shared voting power with respect to such shares.
	6	SHARED VOTING POWER See response to row 5.
	7	SOLE DISPOSITIVE POWER 351,817 shares, except that VVP, the general partner of Vanguard, and Gill, Higginson, and Myers, the general partners of VVP, may be deemed to have shared dispositive power with respect to such shares.
	8	SHARED DISPOSITIVE POWER See response to row 7.

9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	351,817
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	[ ]
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	2.18%
12	TYPE OF REPORTING PERSON*	PN

<FN> \* SEE INSTRUCTIONS BEFORE FILLING OUT!  
</FN>

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1	NAME OF REPORTING PERSONS SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS Vanguard Venture Partners ("VVP") Tax ID Number: 77-0316838
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*  (a) [ ] (b) [X]
3	SEC USE ONLY
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 25,239 shares.
	6	SHARED VOTING POWER 351,817 shares, of which all are directly owned by Vanguard. VVP is the general partner of Vanguard and may be deemed to have shared voting power with respect to such shares.
	7	SOLE DISPOSITIVE POWER 25,239
	8	SHARED DISPOSITIVE POWER 351,817 shares, of which all are directly owned by Vanguard. VVP is the general partner of Vanguard and may be deemed to have shared dispositive power with respect to such shares.

9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	377,056
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	[ ]
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	2.34%
12	TYPE OF REPORTING PERSON*	PN

<FN> \* SEE INSTRUCTIONS BEFORE FILLING OUT!  
</FN>

1 NAME OF REPORTING PERSONS  
 SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
 Jack M. Gill ("Gill")  
 Tax ID Number: 464-52-9128

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [ ] (b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
 United States

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH SOLE VOTING POWER  
 8,419 shares.

6 SHARED VOTING POWER  
 377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Gill is a general partner of VVP, the general partner of Vanguard, and may be deemed to have shared voting power with respect to such shares.

7 SOLE DISPOSITIVE POWER  
 8,419 shares

8 SHARED DISPOSITIVE POWER  
 377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Gill is a general partner of VVP, the general partner of Vanguard, and may be deemed to have shared dispositive power with respect to such shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 385,475

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 2.39%

12 TYPE OF REPORTING PERSON\* IN

<FN>

\* SEE INSTRUCTIONS BEFORE FILLING OUT!

</FN>

1 NAME OF REPORTING PERSONS  
 SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
 Clifford H. Higgerson ("Higgerson")  
 Tax ID Number: 353-32-6726

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [ ] (b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
 United States

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH SOLE VOTING POWER  
 7,215 shares.

6 SHARED VOTING POWER  
 377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Higgerson is a general partner of

VVP, the general partner of Vanguard, and may be deemed to have shared voting power with respect to such shares.

7 SOLE DISPOSITIVE POWER  
7,215 shares.

8 SHARED DISPOSITIVE POWER  
377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Higgerson is a general partner of VVP, the general partner of Vanguard, and may be deemed to have shared dispositive power with respect to such shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 384,271

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 2.38%

12 TYPE OF REPORTING PERSON\* IN

<FN>

\* SEE INSTRUCTIONS BEFORE FILLING OUT!

</FN>

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1 NAME OF REPORTING PERSONS  
SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
Curtis K. Myers ("Myers")  
Tax ID Number: 566-82-9944

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [ ] (b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

5 SOLE VOTING POWER  
3,513 shares.

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

6 SHARED VOTING POWER  
377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Myers is a general partner of VVP, the general partner of Vanguard, and may be deemed to have shared voting power with respect to such shares.

7 SOLE DISPOSITIVE POWER  
3,513 shares.

8 SHARED DISPOSITIVE POWER  
377,056 Shares, of which 351,817 are directly owned by Vanguard and 25,239 are directly owned by VVP. Myers is a general partner of VVP, the general partner of Vanguard, and may be deemed to have shared dispositive power with respect to such shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 380,569

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 2.36%

12 TYPE OF REPORTING PERSON\* IN

<FN>

\* SEE INSTRUCTIONS BEFORE FILLING OUT!

</FN>

This statement is an amendment and restatement of the Statement on Schedule 13(G) (the "Original Statement") filed by Vanguard IV, L.P., Vanguard Venture Partners, Jack M. Gill, Clifford H. Higgerson and Curtis K. Myers (the "Reporting Persons").

ITEM 1(a). NAME OF ISSUER:

Network Appliance, Inc.

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

319 North Bernardo Avenue  
Mountain View, CA 94043

ITEM 2(a). NAME OF PERSONS FILING:

This Amendment No. 1 and Restatement is filed by Vanguard IV, L.P. ("Vanguard"), Vanguard Venture Partners ("VVP"), Jack M. Gill ("Gill"), Clifford H. Higgerson ("Higgerson") and Curtis K. Myers ("Myers"). The foregoing entities and individuals are collectively referred to as the "Reporting Persons".

VVP is the general partner of Vanguard and may be deemed to have shared power to vote and shared power to dispose of shares of the issuer directly owned by Vanguard. Gill, Higgerson and Myers are general partners of VVP, and may be deemed to have shared power to vote and shared power to dispose of the shares of issuer directly owned by Vanguard.

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR, IF NONE, RESIDENCE:

The address of the principal business office for each of the Reporting Persons is:

525 University Avenue, Suite 600  
Palo Alto, California 94301

ITEM 2(c) CITIZENSHIP:

Vanguard and VVP are Delaware limited partnerships. Gill, Higgerson and Myers are United States Citizens.

ITEM 2(d). TITLE OF CLASS OF SECURITIES:

Common Stock

ITEM 2(e). CUSIP NUMBER:

CUSIP # 64120L104

ITEM 3. Not Applicable

ITEM 4. OWNERSHIP:

The following information with respect to the ownership of the Common Stock of the issuer by the persons filing this Statement is provided as of December 31, 1996:

(a) Amount beneficially owned:

See Row 9 of cover page for each Reporting

Person.

(b) Percent of Class:

See Row 11 of cover page for each Reporting Person.

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote:

See Row 5 of cover page for each Reporting Person.

(ii) Shared power to vote or to direct the vote:

See Row 6 of cover page for each Reporting Person.

(iii) Sole power to dispose or to direct the disposition of:

See Row 7 of cover page for each Reporting Person.

(iv) Shared power to dispose or to direct the disposition of:

See Row 8 of cover page for each Reporting Person.

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ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:

If this statement is being filed to report the fact that as of the date hereof, the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [X]

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Under certain circumstances set forth in the limited partnership agreement of Vanguard, the general and limited partners of such entity may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the issuer owned by such entity of which they are a partner.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not applicable

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

Not applicable

ITEM 10. CERTIFICATION:  
Not applicable

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SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 1, 1997

Vanguard IV, L.P.	/s/ Curtis K. Myers ----- Signature  Curtis K. Myers General Partner
Vanguard Venture Partners	/s/ Curtis K. Myers ----- Signature  Curtis K. Myers General Partner
Jack M. Gill	/s/ Curtis K. Myers ----- Signature  Curtis K. Myers Attorney-In-Fact
Clifford H. Higginson	/s/ Curtis K. Myers ----- Signature  Curtis K. Myers Attorney-In-Fact
Curtis K. Myers	/s/ Curtis K. Myers ----- Signature

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EXHIBIT INDEX

Exhibit  
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Found on  
Sequentially  
Numbered Page  
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EXHIBIT A

Agreement of Joint Filing

The undersigned hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of Network Appliance, Inc. shall be filed on behalf of each of the undersigned and that this Agreement shall be filed as an exhibit to such Schedule 13G.

Date: February 13, 1996

Vanguard IV, L.P.

Jack M. Gill

By: /s/ Curtis K. Myers  
-----  
Curtis K. Myers  
General Partner

By: \*/s/ Curtis K. Myers  
-----  
Attorney-in-Fact

Vanguard Venture Partners

Curtis K. Myers

By: /s/ Curtis K. Myers  
-----  
Curtis K. Myers  
General Partner

By: /s/ Curtis K. Myers  
-----

Clifford H. Higerson

By: \*/s/ Curtis K. Myers  
-----  
Attorney-in-Fact

This Agreement was executed pursuant to Powers of Attorney filed with the Securities and Exchange Commission on February 12, 1996, in connection with a Schedule 13G for Network Appliance, Inc., which Powers of Attorney are incorporated herein by reference and copies of which are attached hereto as Exhibit B.

EXHIBIT B

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Clifford H. Higgerson, Jack M. Gill and Curtis K. Myers and each of them, with full power to act without the other, his true and lawful attorney-in-fact, with full power of substitution, to sign any and all instruments, certificates and documents that may be necessary, desirable or appropriate to be executed on behalf of himself as an individual or in his capacity as a general partner of any partnership, pursuant to section 13 or 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder, and to file the same, with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Exchange Act or by the Bylaws of the National Association of Securities Dealers, Inc., granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing necessary, desirable or appropriate, fully to all intents and purposes as he might or could do in person, thereby ratifying and confirming all that said attorney-in-fact, or his substitutes, may lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 12th day of February, 1996.

/s/ Clifford H. Higgerson  
-----  
Clifford H. Higgerson

/s/ Jack M. Gill  
-----  
Jack M. Gill

/s/ Curtis K. Myers  
-----  
Curtis K. Myers