

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 Instructions 1(b).

1. Name and Address of Reporting Person
 Sevin Rosen Fund V, L.P.
 Two Galleria Tower
 13455 Noel Road, Suite 1670
 Dallas, TX 75240
2. Issuer Name and Ticker or Trading Symbol
 CIENA Corporation
 ("CIEN")
3. IRS or Social Security Number of Reporting Person (Voluntary)
4. Statement for Month/Year
 February 1997
5. If Amendment, Date of Original (Month/Year)
 February 5, 1997
6. Relationship of Reporting Person(s) to Issuer (Check all applicable)
 () Director (X) 10% Owner () Officer (give title below) () Other
 (specify below)
7. Individual or Joint/Group Filing (Check Applicable Line)
 (X) Form filed by One Reporting Person
 () Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security	2. Transaction Date	3. Transaction Code	4. Securities Acquired (A) or Disposed of (D) Amount	A/D	Price	5. Amount of Securities Beneficially Owned at End of Month	6. Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
Common Stock	2/12/97	C	10,877,505	A		11,081,830	I	By Sevin Rosen Fund IV L.P. (1)
Common Stock	2/12/97	C	714,285	A		714,285	D	

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date	4. Transaction Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) Amount	A/D	6. Date of Exercise (Month/Day/Year)	7. Title and Amount of Underlying Securities Title and Number of Shares	8. Price of Derivative Security	9. Number of Derivative Securities Beneficially Owned at End of Month	10. Direct (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership
Series A Convertible Preferred Stock		2/12/97	C	1,148,789	D	(2) (2)	Common Stock 5,743,945		-0-	I	By Sevin Rosen Fund IV L.P. (1)
Series B Convertible Preferred Stock		2/12/97	C	740,998	D	(2) (2)	Common Stock 3,704,990		-0-	I	By Sevin Rosen Fund IV L.P. (1)
Series C Convertible Preferred Stock		2/12/97	C	285,714	D	(2) (2)	Common Stock 1,428,570		-0-	I	By Sevin Rosen Fund IV L.P. (1)
Series C Convertible Preferred Stock		2/12/97	C	142,857	D	(2) (2)	Common Stock 714,285		-0-	D	

Explanation of Responses:
 (1) Sevin Rosen Fund V L.P. is an affiliate of Sevin Rosen Fund IV L.P. and may be deemed to beneficially own the shares held by such entity.
 (2) Upon the closing of the Issuer's initial public offering of its Common Stock, each issued and outstanding share of its convertible preferred stock automatically converted into five shares of Common Stock.
 By: SEVIN ROSEN FUND V L.P.
 By: SRB ASSOCIATES V L.P., its general partner
 By: /s/ John V. Jagers
 7, 1997
 John V. Jagers, General Partner
 SIGNATURE OF REPORTING PERSON
 See signature on last page
 DATE

October

October 7, 1997