

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

1. Name and Address of Reporting Person
 Cummings, Mark S
 1201 Winterson Road
 Linthicom, MD 21090
 USA
2. Date of Event Requiring Statement (Month/Day/Year)
 12/12/02
3. IRS or Social Security Number of Reporting Person (Voluntary)
 ###-##-####
4. Issuer Name and Ticker or Trading Symbol
 CIENA Corporation
 CIEN
5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
 Director 10% Owner Officer (give title below) Other
 (specify below)
 Sr. Vice President, Operations
6. If Amendment, Date of Original (Month/Day/Year)
 11/19/02
7. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Beneficially Owned

1. Title of Security	2. Amount of Securities Beneficially Owned	3. Ownership Form: Direct(D) or Indirect(I)	4. Nature of Indirect Beneficial Ownership
Common Stock	40,000	D	

Table II -- Derivative Securities Beneficially Owned

1. Title of Derivative Security	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Underlying Securities	4. Conversion or Exercise Price of Security	5. Ownership Form of Derivative Security: Direct(D) or Indirect(I)	6. Nature of Indirect Beneficial Ownership
Employee Stock Option (right to buy)	11/24/06	Common Stock	\$0.66	D	
Employee Stock Option (right to buy)	11/12/08	Common Stock	\$8.69	D	
Employee Stock Option (right to buy)	10/20/09	Common Stock	\$14.9065	D	
Employee Stock Option (right to buy)	10/18/10	Common Stock	\$130.00	D	
Employee Stock Option (right to buy)	2/14/11	Common Stock	\$69.188	D	
Employee Stock Option (right to buy)	10/16/11	Common Stock	\$16.38	D	
Employee Stock Option (right to buy)	10/16/11	Common Stock	\$16.38	D	
Employee Stock Option (right to buy)	3/12/12	Common Stock	\$10.29	D	
Employee Stock Option (right to buy)	11/19/12	Common Stock	\$4.53	D	

Explanation of Responses:

1* The shares vest at a rate of 25% on the one year anniversary of the grant date and 2.084% for each full month after the one year anniversary of the grant date.

2* The shares vest at a rate of 2.084% for each full month from the grant date.

This amendment has been filed to correct errors in the grant date and exercise price for the November 2002 grant and to correct the expiration dates reported.

SIGNATURE OF REPORTING PERSON

/s/ Mark S. Cummings by Anita Weiskerger, pursuant to a POA

DATE

12/12/02