



FORM 3

LUMERA CORP – CSCO

Filed: July 22, 2004 (period: July 22, 2004)

Initial filing by director officer or owner of more than ten percent.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104

Expires: January 31, 2005

Estimated average burden

hours per response 0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person CISCO SYSTEMS INC	2. Date of Event Requiring Statement (Month/Day/Year) 07/22/2004	3. Issuer Name and Ticker or Trading Symbol LUMERA CORP [LMRA]	
(Last) (First) (Middle) ATTN: DENNIS POWELL, 170 W. TASMAN DRIVE		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Street) SAN JOSE CA 95134 (City) (State) (Zip)		Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	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

Table I – Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II – Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)							
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(1)	(1)	Common Stock	976,651	\$ ⁽¹⁾	D	

Explanation of Responses:

1. Each share of Series A Preferred Stock is currently convertible into (10/8.78) shares of Common Stock and will automatically convert into such amount of Common Stock upon the closing of the Issuer's Initial Public Offering, for no additional consideration.

Cisco Systems, Inc. By: Dennis
Powell, Senior Vice President and 07/22/2004
Chief Financial Officer

** 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 5(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.