AVANEX CORP Form SC 13D/A November 15, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

SCHEDULE 13D Under the Securities Exchange Act of 1934

(Amendment No. 3)

Avanex Corporation ______ (Name of Issuer) Common Stock, par value \$.001 per share (Title of Class of Securities)

05348W 10 9 ______

(CUSIP Number)

Nixon Peabody LLP Clinton Square Suite 1300 Rochester, New York 14604 Telephone: 585-263-1307

Denise A. Hauselt, Esq. Deborah McLean Quinn, Esq. Secretary and Assistant General Counsel Corning Incorporated One Riverfront Plaza Corning, New York 14830-0001 Telephone: 607-974-9000

______ (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 10, 2004 ______

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of ss.ss. 240.13d-1(e), 240.13d01(f) or 240.13d-1(g), check the following box $|_{-}|$.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See ss. 240.13d-7(b) for other parties to whom copies are to be sent.

*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 the 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 \mbox{Act} (however, see the \mbox{Notes}).

SCHEDULE 13D

CUSIP No.	05348W109					
1	NAME OF REPORTING PERSONS Corning Incorporated I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS 16-0393470					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) (b) X					
3	SEC USE ONLY					
4	SOURCE OF FUNDS*					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)					
6	CITIZENSHIP OR PLACE OF ORGANIZATION New York					
	NUMBER OF SHARES	7	SOLE VOTING POWER 17,179,634 shares			
	BENEFICIALLY	8	SHARED VOTING POWER			
	OWNED BY		0 			
	EACH	9	SOLE DISPOSITIVE POWER 17,179,634 shares			
	REPORTING					
	PERSON WITH	10	SHARED DISPOSITIVE POWER 0			
	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 17,179,634					
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES					

13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.9%
14	TYPE OF REPORTING PERSON*

SCHEDULE 13D

This Amendment No. 3 to Schedule 13D is filed by Corning Incorporated ("Corning"), a New York corporation, in connection with shares of the Common Stock, par value \$.001 per share, of Avanex Corporation ("Avanex" or "Issuer"), a Delaware corporation with offices at 40919 Encyclopedia Circle, Fremont, California 94538.

Item 1. Security and Issuer.

This Amendment No. 3 to Schedule 13D relates to shares of the Common Stock, par value \$.001 per share ("Common Stock") of Avanex Corporation (the "Issuer" or "Avanex"). The Issuer's principal executive office is located at 40919 Encyclopedia Circle, Fremont, California 94538. Based upon Avanex's Form 10-Q Quarterly Report for the period ended September 30, 2004, Avanex had 144,001,957 shares of Avanex Common Stock issued and outstanding on November 1, 2004. This Amendment No. 3 reflects a decrease in the percentage ownership of the Issuer's shares resulting the sale of shares of Avanex Common Stock by Corning.

Item 2. Identity and Background.

Corning is organized as a corporation under the laws of the State of New York, and its business address is One Riverfront Plaza, Corning, New York 14831.

The names, business addresses, principal occupations and citizenship of the directors and executive officers of Corning are set forth in Annex A hereto and are incorporated herein by reference.

None of Corning or its directors or executive officers, has, during the last five years, been (i) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), or (ii) been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which he, she or it is or was subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Item 4. Purpose of Transaction

As described in Item 4 of Schedule 13D filed on May 22, 2003, and pursuant to the Stockholders' Agreement, a copy of which is filed therewith as Exhibit 99.3 and which is incorporated herein by reference, Joseph A. Miller, Executive Vice President and Chief Technology Officer of Corning, serves as a member of the Board of Directors of Avanex.

Item 5. Interest in Securities of the Issuer

Corning owns 17,179,634 shares of Avanex Common Stock, or 11.9% of the

outstanding. Corning has the sole power to vote 17,179,634 shares of Avanex Common Stock and does not share voting power with respect to any shares of Avanex Common Stock. On November 4, 2004, Corning sold 426,500 shares of Avanex Common Stock in the open market at a price per share of \$3.02. On November 5, 2004, Corning sold 400,000 shares of Avanex Common Stock in the open market at a price per share of \$3.09. On November 8, 2004, Corning sold 300,000 shares of Avanex Common Stock in the open market at a price per share of \$3.06. On November 9, 2004, Corning sold 259,200 shares of Avanex Common Stock in the open market at a price per share of \$3.01. On November 10, 2004, Corning sold 248,500 shares of Avanex Common Stock in the open market at a price per share of \$2.96. On November 11, 2004, Corning sold 317,200 shares of Avanex Common Stock in the open market at a price per share of \$2.96. On November 12, 2004, Corning sold 277,400 shares of Avanex Common Stock in the open market at a price per share of \$2.95. On November 15, 2004, Corning sold 66,108 shares of Avanex Common Stock in the open market at a price per share of \$2.95. On November 15, 2004, Corning sold 66,108 shares of Avanex Common Stock in the open market at a price per share of \$3.0306.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Other than the Purchase Agreement and the Stockholders' Agreement, the terms of which are described in Amendment No. 1 to Schedule 13D, filed on July 31, 2003, and copies of which were filed therewith and which are incorporated herein by reference, and the Agreement Relating to Gift of Shares of the Common Stock of Avanex Corporation, the terms of which are described in Amendment No. 2 to Schedule 13D, filed on December 29, 2003, and a copy of which is filed therewith and which is incorporated herein by reference, there are no contracts, arrangements, understandings or relationships among Corning or, to the best knowledge of Corning, among any of Corning's executive officers and directors or, to the their knowledge, between any of Corning's executive officers and directors and any other person, with respect to the shares of Avanex Common Stock.

No additional changes are made by this Amendment No. 3.

Signature

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

Dated: November 15, 2004 Corning Incorporated

By: /s/ Katherine Asbeck

Print Name: Katherine Asbeck

Title: Senior Vice President and Controller

Annex A to Schedule 13D

Executive Officers of Corning Incorporated (all with business addresses at One Riverfront Plaza, Corning, New York 14831):

N		
Name:	Citizenship:	
Larry Aiello	United States	President & Corning Cabl
Katherine A. Asbeck	United States	Senior Vice
Robert B. Brown	United States	
Robert L. Ecklin	United States	Executive Vi
William D. Eggers	United States	Senior Vice
James B. Flaws*	United States	Vice Chairma
Kirk R. Gregg	United States	Executive Vi Administrati
James R. Houghton*	United States	Chairman of Executive Of
Donald B. McNaughton	United States	Senior Vice
Joseph A. Miller	United States	Executive Vi Technology C
Mark S. Rogus	United States	Vice Preside
Pamela C. Schneider	United States	Senior Vice Chief of Sta
Peter F. Volanakis*	United States	Vice Preside
Wendell P. Weeks*	United States	President &

^{*}Also a member of the Board of Directors

Non-Employee Directors of Corning Incorporated (all with business addresses at One Riverfront Plaza, Corning, New York 14831):

Name:	Citizenship:	
John Seely Brown	United States	Retired Chie
Gordon Gund	United States	Chairman & C
Jeremy R. Knowles	United States	Amory Hought
John M. Hennessy		
James J. O'Connor	United States	Retired Chai
Deborah Rieman	United States	Retired Pres Officer, Che Technologies
H. Onno Ruding	The Netherlands	Retired Vice & Citibank,
Eugene C. Sit	United States	Chairman, Ch Chief Invest Investment A
William D. Smithburg	United States	Retired Chai Executive Of Company
Hansel E. Tookes II	United States	Retired Chai Officer, Ray