Roscher Fred Form 4 December 16, 2005

if no longer

subject to

Section 16.

Form 4 or

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Check this box

**OMB APPROVAL** 

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

Form 5 obligations may continue. See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \*

Roscher Fred Issuer Symbol APPLIED SIGNAL (Check all applicable) TECHNOLOGY INC [APSG] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X\_ Officer (give title Other (specify (Month/Day/Year) below) below) 400 W. CALIFORNIA AVE 11/30/2005 Exec. VP Communications Group

2. Issuer Name and Ticker or Trading

(Street) 4. If Amendment, Date Original

(Zip)

Filed(Month/Day/Year)

Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting Person

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

SUNNYVALE, CA 95037

(State)

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common 11/30/2005 J 206 A 5,998 D Stock (1) 15.215

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

#### Edgar Filing: Roscher Fred - Form 4

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5.  onNumber of Derivative Securities Acquired (A) or Disposed of (D)			7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5)  (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Roscher Fred			Exec. VP				
400 W. CALIFORNIA AVE			Communications				
SUNNYVALE, CA 95037			Group				

## **Signatures**

Fred Roscher

12/16/2005

\*\*Signature of Reporting Person

Date

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(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).
- (1) Acquisition of stock under Applied Signal Technology, Inc. Employee Stock Purchase Plan in a transaction exempt under old Capital Rule 16B-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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