

Blanchard Robert  
Form 3/A  
January 17, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**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

(Print or Type Responses)

<p>1. Name and Address of Reporting Person *</p> <p>Blanchard Robert</p> <p>(Last) (First) (Middle)</p> <p>400 W. CALIFORNIA AVE</p> <p>(Street)</p> <p>SUNNYVALE, CA 94086</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>01/17/2006</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>APPLIED SIGNAL TECHNOLOGY INC [APSG]</p>	<p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner</p> <p><input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other</p> <p>(give title below) (specify below)</p> <p>Vice President Radar Division</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> <p>12/01/2004</p> <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person</p> <p><input type="checkbox"/> Form filed by More than One Reporting Person</p>
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock <sup>(1)</sup>	0	D	

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

SEC 1473 (7-02)

**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 control number.**

**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 of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of			

Shares (I)  
(Instr. 5)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Blanchard Robert 400 W. CALIFORNIA AVE SUNNYVALE, CA 94086	Â	Â	Â Vice President Radar Division	Â

## Signatures

Robert  
Blanchard 01/07/2006

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).

(1) On December 1, 2004, the reporting person mistakenly filed a Form 3 reporting a purchase of 10,000 shares of common stock that in fact were stock options that were granted to him. The stock options were also stated as Derivatives on the initial Form 3. As of December 1, 2004, the reporting person did not own any shares of common stock. The Derivatives reported on the initial Form 3 and three Forms 4 filed after the Form 3 are accurate.

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.