

APPLIED SIGNAL TECHNOLOGY INC

Form S-8 POS

February 01, 2011

As filed with the Securities and Exchange Commission on February 1, 2011

No. 333-159824

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

Post-Effective Amendment to
Form S-8
REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

APPLIED SIGNAL TECHNOLOGY, INC.
(Exact name of registrant as specified in its charter)

California
(State or other jurisdiction of
incorporation or organization)

77-0015491
(I.R.S. Employer
Identification No.)

460 West California Ave.
Sunnyvale, CA
(Address of Principal Executive Offices)

94086
(Zip Code)

Applied Signal Technology, Inc. 1993 Employee Stock Purchase Plan
(Full title of the plan)

William B. Van Vleet III
Applied Signal Technology, Inc.
460 West California Ave.
Sunnyvale, CA 94086
(Name and address of agent for service)

(408) 749-1888
(Telephone number, including area code, of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input type="checkbox"/>	Smaller reporting company <input type="checkbox"/>
(Do not check if a smaller reporting company)			

EXPLANATORY NOTE

Applied Signal Technology, Inc. (the Company) filed a Registration Statement on Form S-8 (No 333-159824) (the Registration Statement) with the Securities and Exchange Commission on June 8, 2009. On January 31, 2011, pursuant to that certain Agreement and Plan of Merger, dated as of December 18, 2010 by and among Raytheon Company, a Delaware corporation (Parent), RN Acquisition Company, a California corporation, and the Company, the Company became a wholly owned subsidiary of Parent. As a result of the transactions contemplated thereby, the Company has terminated all offerings of the Company's securities pursuant to the Registration Statement.

In accordance with an undertaking made by the Company in the Registration Statement to remove from registration, by means of a post-effective amendment, any securities that remain unsold at the termination of the offering, the Company hereby removes from registration all securities registered under the Registration Statement.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Sunnyvale, State of California, on February 1, 2011.

APPLIED SIGNAL TECHNOLOGY, INC.

By: /s/ James E. Doyle
Name: James E. Doyle
Title: Vice President

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
/s/ William B. Van Vleet III	President	February 1, 2011
William B. Van Vleet III	<i>(Principal Executive Officer)</i>	
/s/ James E. Doyle	Vice President	February 1, 2011
James E. Doyle	<i>(Principal Financial Officer and Principal Accounting Officer)</i>	
/s/ Kathryn G. Simpson	Director	February 1, 2011
Kathryn G. Simpson		