

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)*

Applied Materials, Incorporated
(Name of Issuer)

Common Stock
(Title of Class of Securities)

038222105
(CUSIP Number)

February 28, 2006
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*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 in 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 Act (however, see the Notes).

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1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
Capital Research and Management Company
95-1411037

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)

3 SEC USE ONLY (b)

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

39,530,000

6 SHARED VOTING POWER

NONE

7 SOLE DISPOSITIVE POWER

179,333,300

8 SHARED DISPOSITIVE POWER

NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

179,333,300 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

11.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IA

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
The Growth Fund of America, Inc.
52-0792143

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Maryland

5 SOLE VOTING POWER

91,915,000

6 SHARED VOTING POWER

NONE

7 SOLE DISPOSITIVE POWER

NONE

8 SHARED DISPOSITIVE POWER

NUMBER OF
SHARES
BENEFICIALLY OWNED BY

EACH
REPORTING
PERSON
WITH:

NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

91,915,000

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
(SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.7%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IV

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SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

Schedule 13G
Under the Securities Exchange Act of 1934

Amendment No. 3

Item 1(a) Name of Issuer:
Applied Materials, Incorporated

Item 1(b) Address of Issuer's Principal Executive Offices:
3050 Bowers Avenue
Santa Clara, CA 95052-8039

Item 2(a) Name of Person(s) Filing:
Capital Research and Management Company and The Growth Fund of
America, Inc.

Item 2(b) Address of Principal Business Office or, if none,
Residence:
333 South Hope Street
Los Angeles, CA 90071

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:
Common Stock

Item 2(e) CUSIP Number:
038222105

Item 3 If this statement is filed pursuant to sections 240.13d-1(b)
or 240.13d-2(b) or (c), check whether the person filing is a:
(d) Investment company registered under section 8
of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) An investment adviser in accordance with
section 240.13d-1(b)(1)(ii)(E).

Item 4 Ownership

Provide the following information regarding the aggregate
number and percentage of the class of securities of the issuer
identified in Item 1.

See pages 2 and 3

(a) Amount beneficially owned:
(b) Percent of class:

- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:
- (ii) Shared power to vote or to direct the vote:
- (iii) Sole power to dispose or to direct the disposition of:
- (iv) Shared power to dispose or to direct the disposition of:

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Capital Research and Management Company, an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 is deemed to be the beneficial owner of 179,333,300 shares or 11.2% of the 1,606,934,000 shares of Common Stock believed to be outstanding as a result of acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940.

The Growth Fund of America, Inc., an investment company registered under the Investment Company Act of 1940, which is advised by Capital Research and Management Company, is the beneficial owner of 91,915,000 shares or 5.7% of the 1,606,934,000 shares of Common Stock believed to be outstanding.

Item 5 Ownership of Five Percent or Less of a Class. If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6 Ownership of More than Five Percent on Behalf of Another Person: N/A

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.: N/A

Item 8 Identification and Classification of Members of the Group: N/A

Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

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

Date: March 10, 2006

Signature: *Paul G. Haaga, Jr.
Name/Title: Paul G. Haaga, Jr., Executive Vice President
Capital Research and Management Company

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Date: March 10, 2006

Signature: *Paul G. Haaga, Jr.
Name/Title: Paul G. Haaga, Jr., Senior Vice President

*By /s/ James P. Ryan
James P. Ryan
Attorney-in-fact

Signed pursuant to a Power of Attorney dated March 9,
2006 included as an Exhibit with this Schedule 13G.

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AGREEMENT

Los Angeles, CA
March 10, 2006

Capital Research and Management Company ("CRMC") and The Growth Fund of America, Inc. ("GFA") hereby agree to file a joint statement on Schedule 13G under the Securities Exchange Act of 1934 (the "Act") in connection with their beneficial ownership of Common Stock issued by Applied Materials, Incorporated.

CRMC and GFA state that they are each entitled to individually use Schedule 13G pursuant to Rule 13d-1(c) of the Act.

CRMC and GFA are each responsible for the timely filing of the statement and any amendments thereto, and for the completeness and accuracy of the information concerning each of them contained therein but are not responsible for the completeness or accuracy of the information concerning the others.

CAPITAL RESEARCH AND MANAGEMENT COMPANY

BY: *Paul G. Haaga, Jr.

Paul G. Haaga, Jr., Executive
Vice President
Capital Research and Management
Company

THE GROWTH FUND OF AMERICA, INC.

BY: *Paul G. Haaga, Jr.
Paul G. Haaga, Jr., Senior Vice
President
The Growth Fund of America,
Inc.

*By /s/ James P. Ryan
James P. Ryan
Attorney-in-fact

Signed pursuant to a Power of Attorney dated March 9, 2006
included as an Exhibit with this Schedule 13G.

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Power of Attorney

The Undersigned do hereby appoint James P. Ryan, Liliane Corzo and Angela Mitchell, and each of them, acting singly, with full power of substitution, as the true and lawful attorney of the undersigned, to sign on behalf of the undersigned in respect of the ownership of equity securities deemed held by the undersigned, Capital Research and Management Company, Amcap Fund, Inc., American Balanced Fund, Inc., American High-Income Trust, American Mutual Fund, Inc., American Funds Insurance Series (Growth Fund, International Fund, Grow-Income Fund, Asset Allocation Fund, Global Growth Fund, Global Small Capitalization Fund, New World Fund), The Bond Fund of America, Inc., Capital Income Builders, Inc., Capital World Growth and Income Fund, Inc., EuroPacific Growth Fund, Inc., Fundamental Investors, Inc., The Growth Fund of American, Inc., The Income Fund of American, Inc., The Investment Company of America, Inc., The New Economy Fund, New Perspective Fund, Inc., New World Fund, Inc., SMALLCAP World Fund, Inc., and Washington Mutual Investors Fund, Inc.,

IN WITNES WHEREOF, this Power of Attorney, has been executed as of
th
the 9 day of March, 2006.

Capital Research and Management Company

/s/ Paul G. Haaga, Jr.

Name:	Paul G. Haaga, Jr.	American Funds Insurance Series
Fund		The New Economy
Title:	Executive Vice President	SMALLCAP
	World Fund, Inc.	

American Balanced Fund, Inc.
Norton

/s/ Chad L.

/s/ Patrick F. Quan

Name: Patrick F. Quan
Title: Secretary
Inc.

Fund, Inc.

The Growth Fund of America, Inc.
Company of America
The Income Fund of America, Inc.
Perspective Fund, Inc.
Fundamental Investors, Inc.
Inc.

CUSIP: 038222105

Name: Chad L. Norton
Title: Secretary

AMCAP Fund, Inc.
American Mutual Fund,
Capital Income Builder, Inc.
Capital World Growth and Income

EuroPacific Growth Fund
The Investment

New
New World Fund,

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/s/ Paul G. Haaga, Jr.
Corti

Name: Paul G. Haaga, Jr.
P. Corti
Title: Senior Vice President
Secretary

American High-Income Trust
Bond Fund of American, Inc.
Investors Fund, Inc.

/s/ Kimberly S. Verdick

Name: Kimberly S. Verdick
W. Stockton
Title: Secretary
President, Assistant Secretary

/s/ Vincent P.

Name: Vincent
Title:

Washington Mutual

/s/ Michael W. Stockton

Name: Michael
Title: Vice
and Treasurer

