

ALLEGHENY TECHNOLOGIES INC  
Form SC 13G/A  
February 11, 2013

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 6)\*

Allegheny Technologies Incorporated  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

01741R102  
(CUSIP Number)

December 31, 2012  
(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 Group International, Inc.
- 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  
California
- 5 SOLE VOTING POWER  
4,168,687
- 6 SHARED VOTING POWER  
NONE
- 7 SOLE DISPOSITIVE POWER  
4,654,490
- 8 SHARED DISPOSITIVE POWER  
NONE
- 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
4,654,490 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  
4.3%
- 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)  
HC

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SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

Schedule 13G  
Under the Securities Exchange Act of 1934

Amendment No. 6

- Item 1(a) Name of Issuer:  
Allegheny Technologies Incorporated
- Item 1(b) Address of Issuer's Principal Executive Offices:  
1000 Six PPG Place  
Pittsburgh, PA 15222-5479
- Item 2(a) Name of Person(s) Filing:  
Capital Group International, Inc.
- Item 2(b) Address of Principal Business Office or, if none,  
Residence:  
11100 Santa Monica Blvd.  
Los Angeles, CA 90025
- Item 2(c) Citizenship: N/A
- Item 2(d) Title of Class of Securities:  
Common Stock
- Item 2(e) CUSIP Number:  
01741R102
- 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:  
(g)  A parent holding company or control person in  
accordance with section 240.13d-1(b) (1) (ii) (G).
- 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.

- (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:

See page 2

Capital Group International, Inc. ("CGII") is the parent

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holding company of a group of investment management companies that hold investment power and, in some cases, voting power over the securities reported in this Schedule 13G. The investment management companies, which include a "bank" as defined in Section 3(a)(6) of the Securities Exchange Act of 1934 (the "Act") and several investment advisers registered

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under Section 203 of the Investment Advisers Act of 1940, provide investment advisory and management services for their respective clients which include registered investment companies and institutional accounts. Capital International Investors, a division of Capital Research and Management Company, shares investment research and proxy voting decision making with CGII management companies. Shares managed by Capital International Investors are reported in aggregate with CGII. CGII does not have investment power or voting power over any of the securities reported herein. However, by virtue of Rule 13d-3 under the Act, CGII may be deemed to "beneficially own" 4,654,490 shares or 4.3% of the 107,322,304 shares believed to be outstanding.

Shares reported by Capital Group International, Inc., include 6,173 shares resulting from the assumed conversion of \$258,000 principal amount of the 4.25% Convertible Senior Note due 06/01/2014.

CGII, its investment management subsidiaries and Capital International Investors division of Capital Research and Management Company collectively provide investment management services under the name "Capital International Investors."

- 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: [X]
- 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.
1. Capital Guardian Trust Company ("CGTC") is a bank as defined in Section 3(a)(6) of the Act and an investment adviser registered under Section 203 of the Investment Adviser Act of 1940, and a wholly owned subsidiary of Capital Group International, Inc.
  2. Capital International Limited ("CIL") does not fall within any of the categories described in Rule 13d-1(b)(ii)(A-F) but its holdings of any reported securities come within the five percent limitation as set forth in a December 15, 1986 no-action letter from the Staff of the Securities and Exchange Commission to The Capital Group Companies, Inc. CIL is a wholly owned subsidiary of Capital Group International, Inc.
  3. Capital International Sarl ("CISA") does not fall within any of the categories described in Rule 13d-1(b)(ii)(A-F) but its holdings of any reported securities come within the five percent limitation as set forth in a December 15, 1986 no-

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action letter from the Staff of the Securities and Exchange Commission to The Capital Group Companies, Inc. CISA is a wholly owned subsidiary of Capital Group International, Inc.  
4. Capital International, Inc. ("CIInc") is an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 and is a wholly owned subsidiary of Capital Group International, Inc.

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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: February 1, 2013

Signature: \*\*\*Peter C. Kelly  
Name/Title: Peter C. Kelly, Secretary  
Capital Group International, Inc.

\*\*\*By /s/ Liliane Corzo  
Liliane Corzo  
Attorney-in-fact

Signed pursuant to a Power of Attorney dated January 4, 2013 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Group International, Inc.

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POWER OF ATTORNEY

The undersigned do hereby appoint Michael J. Downer, Kristine M. Nishiyama and Liliane Corzo, 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 Group International, Inc., Capital Guardian Trust Company, Capital International, Inc., Capital International K.K., Capital International Limited, Capital International Sarl, Capital International Investors, American Funds Insurance Series - Growth-Income Fund, American Mutual Fund, Emerging Markets Growth Fund, Inc., EuroPacific Growth Fund, New Perspective Fund, Inc., and New World Fund, Inc., and to be reported pursuant to Sections 13(d), 13(f) and 13(g) of the Securities Exchange Act of 1934, as amended, and to execute joint filing agreements with respect to such filings.

IN WITNESS WHEREOF, this Power of Attorney has been executed as of the 4th day of January, 2013.

Capital Group International, Inc.      Capital International  
Sarl

/s/ Peter C. Kelly  
Name: Peter C. Kelly  
Title: Secretary

/s/ Fabrice Remy  
Name: Fabrice Remy  
Title: Vice

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President and Senior  
Counsel

Capital Guardian Trust Company

Capital International  
Investors

/s/ Peter C. Kelly  
Name: Peter C. Kelly  
CUSIP: 01741R102

/s/ Robert W. Lovelace  
Name: Robert W.

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Title: Senior Vice President  
and Senior Counsel

Lovelace  
Title: Senior Vice  
President

Capital International, Inc.

American Funds Insurance  
Series

/s/ Peter C. Kelly  
Name: Peter C. Kelly  
Title: Senior Vice President,  
Senior Counsel and Secretary

/s/ Maria T. Manotok  
Name: Maria T.  
Manotok  
Title: Vice  
President

Capital International K.K.

American Mutual Fund  
EuroPacific Growth Fund  
New Perspective Fund  
New World Fund, Inc.

/s/ Thomas B. Quantrille  
Name: Thomas B. Quantrille  
Title: President

/s/ Vincent P. Corti  
Name: Vincent P.  
Corti  
Title: Secretary

Capital International Limited

/s/ Ida Levine  
Name: Ida Levine  
Title: Senior Vice President

Emerging Markets Growth  
Fund, Inc.

/s/ Peter C. Kelly  
Name: Peter C. Kelly

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