

ARCH CAPITAL GROUP LTD.
Form SC 13G/A
February 14, 2011

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

SCHEDULE 13G**

**Under the Securities Exchange Act of 1934
(Amendment No. 1)***

ARCH CAPITAL GROUP LTD.

(Name of Issuer)

Common Shares, \$0.01 par value per share

(Title of Class of Securities)

G0450A105

(CUSIP Number)

December 31, 2010

(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).

CUSIP No. G0450A105

- | | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--|
| 1. | Names of Reporting Persons
Cascade Investment, L.L.C. | | |
| 2. | Check the Appropriate Box if a Member of a Group (See Instructions)
(a) <input type="radio"/>
(b) <input type="radio"/> | | |
| 3. | SEC Use Only | | |
| 4. | Citizenship or Place of Organization
State of Washington | | |
| Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With | 5. | Sole Voting Power
3,837,033(1) | |
| | 6. | Shared Voting Power
0 | |
| | 7. | Sole Dispositive Power
3,837,033 (1) | |
| | 8. | Shared Dispositive Power
0 | |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person
3,837,033 (1) | | |
| 10. | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="radio"/> | | |
| 11. | Percent of Class Represented by Amount in Row (9)
7.9% | | |
| 12. | Type of Reporting Person (See Instructions)
OO | | |

(1) All Common Shares held by Cascade Investment, L.L.C. (Cascade) may be deemed to be beneficially owned by William H. Gates III as the sole member of Cascade.

CUSIP No. G0450A105

- | | | | |
|-----|-------------------------------------------------------------------------------------|--|--|
| 1. | Names of Reporting Persons
William H. Gates III | | |
| 2. | Check the Appropriate Box if a Member of a Group (See Instructions) | | |
| | (a) <input type="radio"/> | | |
| | (b) <input type="radio"/> | | |
| 3. | SEC Use Only | | |
| 4. | Citizenship or Place of Organization
United States of America | | |
| 5. | Sole Voting Power | | |
| 6. | Shared Voting Power | | |
| 7. | Sole Dispositive Power | | |
| 8. | Shared Dispositive Power | | |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person | | |
| 10. | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) | | |
| 11. | Percent of Class Represented by Amount in Row (9) | | |
| 12. | Type of Reporting Person (See Instructions) | | |

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With

(1) All Common Shares held by Cascade Investment, L.L.C. (Cascade) may be deemed to be beneficially owned by William H. Gates III as the sole member of Cascade.

Item 1.

- (a) Name of Issuer
Arch Capital Group Ltd. (the Issuer)
- (b) Address of Issuer's Principal Executive Offices
Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda

Item 2.

- (a) Name of Person Filing
Cascade Investment, L.L.C. (Cascade)
- (b) William H. Gates III (together, Reporting Persons)
Address of Principal Business Office or, if none, Residence

Cascade - 2365 Carillon Point, Kirkland, Washington 98033
Mr. Gates - One Microsoft Way, Redmond, Washington 98052
- (c) Citizenship
Cascade is a limited liability company organized under the laws of the State of Washington.

Mr. Gates is a citizen of the United States of America.
- (d) Title of Class of Securities
Common Shares, \$0.01 par value per share
- (e) CUSIP Number
G0450A105

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
Not Applicable.

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:

See the responses to Item 9 on the attached cover pages.
- (b) Percent of class:

See the responses to Item 11 on the attached cover pages.
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

See the responses to Item 5 on the attached cover pages.
 - (ii) Shared power to vote or to direct the vote

See the responses to Item 6 on the attached cover pages.
 - (iii) Sole power to dispose or to direct the disposition of

See the responses to Item 7 on the attached cover pages.
 - (iv) Shared power to dispose or to direct the disposition of

See the responses to Item 8 on the attached cover pages.

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

Not Applicable

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

Not Applicable

Item 8. Identification and Classification of Members of the Group

Not Applicable

Item 9. Notice of Dissolution of Group

Not Applicable

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above 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 14, 2011

CASCADE INVESTMENT, L.L.C.(1)

By: *
Name: Alan Heuberger, Attorney-in-fact
for Michael Larson, Business Manager(2)

WILLIAM H. GATES III(1)

By: *
Name: Alan Heuberger, Attorney-in-fact(3)

* By: /s/Alan Heuberger
Alan Heuberger

(1)This Amendment No. 1 is being filed jointly by the Reporting Persons pursuant to the Joint Filing Agreement dated December 24, 2009 and included with the signature page to the Reporting Persons Schedule 13G with respect to the Issuer filed on December 24, 2009, SEC File No. 005-45257, and incorporated by reference herein.

(2)Duly authorized under Special Limited Power of Attorney appointing Alan Heuberger attorney-in-fact, dated August 12, 2008, by and on behalf of Michael Larson, filed as Exhibit 99.1 to Amendment No. 1 to Cascade s Schedule 13D with respect to Otter Tail Corporation filed on April 15, 2009, SEC File No. 005-06638, and incorporated by reference herein.

(3)Duly authorized under Special Limited Power of Attorney appointing Alan Heuberger attorney-in-fact, dated August 12, 2008, by and on behalf of William H. Gates III, filed as Exhibit 99.2 to Amendment No. 1 to Cascade s Schedule 13D with respect to Otter Tail Corporation filed on April 15, 2009, SEC File No. 005-06638, and incorporated by reference herein.
