ARCH CAPITAL GROUP LTD. Form SC 13G/A March 09, 2010

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

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

Arch Capital Group Ltd

(Name of Issuer)

Common Shares

(Title of Class of Securities)

G0450A105

(CUSIP Number)

February 28, 2010

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

(Date of Event Which Requires Filing of this Statement)

- [X] 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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CUSIP No. G045	50A105 13G		
1 NAME OF REP	PORTING PERSON		
Artisan Pa	artners Holdings LP		
2 CHECK THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP uctions)		[_]
Not Applic	cable		
3 SEC USE ONI	LY		
4 CITIZENSHIF	P OR PLACE OF ORGANIZATION		
	5 SOLE VOTING POWER		
NUMBER OF	None		
	6 SHARED VOTING POWER		
OWNED BY EACH	5,018,527		
REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER		
WIII	None		
	8 SHARED DISPOSITIVE POWER		
	5,329,014		
9 AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
5,329,014			
10 CHECK BOX I (see Instru	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAUCTIONS)	RES	[_]
Not Applic	cable 		
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
10.1%			
12 TYPE OF REF	PORTING PERSON uctions)		
HC			

Page 2 of 17

1	NAME OF REPO	DRTING PERSON	
	Artisan Inv	vestment Corporation	
2	CHECK THE AM	PPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]
	Not Applica	able	
3	SEC USE ONLY	Y	
4	CITIZENSHIP	OR PLACE OF ORGANIZATION	
	Wisconsin		
		5 SOLE VOTING POWER	
	MBER OF	None	
BENE		6 SHARED VOTING POWER	
OWNED BY EACH		5,018,527	
		7 SOLE DISPOSITIVE POWER	
	WITH	None	
		8 SHARED DISPOSITIVE POWER	
		5,329,014	
9	AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	5,329,014		
10	CHECK BOX II	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	[_]
	Not Applica	able	
11	PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	10.1%		
12	TYPE OF REPO	ORTING PERSON	
	НС		
		Page 3 of 17	
CUSI	TP No. G0450	0A105 13G	

1 NAME OF REPORTING PERSON

Artisan Pa	artners Limited Partnership	
2 CHECK THE A		a) [_] b) [_]
Not Applic	cable	
3 SEC USE ONI	LY	
4 CITIZENSHIE	P OR PLACE OF ORGANIZATION	
Delaware		
	5 SOLE VOTING POWER	
NUMBER OF	None	
SHARES BENEFICIALLY	6 SHARED VOTING POWER	
OWNED BY EACH	5,018,527	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	5,329,014	
9 AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
5,329,014		
10 CHECK BOX I	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES uctions)	[_]
Not Applic	cable	
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
10.1%		
12 TYPE OF REE	PORTING PERSON uctions)	
IA		
	Page 4 of 17	
CUSIP No. G045	50A105 13G	
1 NAME OF REE	PORTING PERSON	

Artisan Investments GP LLC

4

2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)		
	Not Applic	cabl	e		
3	SEC USE ONI				
4	CITIZENSHIE	or	PLACE OF ORGANIZATION		
	Delaware				
		5	SOLE VOTING POWER		
N	UMBER OF		None		
		6	SHARED VOTING POWER		
	OWNED BY EACH		5,018,527		
RI		7	SOLE DISPOSITIVE POWER		
	WITH		None	(a) [_] (b) [_]	
		8	SHARED DISPOSITIVE POWER		
			5,329,014		
9	AGGREGATE A	 AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	5,329,014				
10	CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	5	[_]
	Not Applic	cabl	е		
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	10.1%				
12	TYPE OF REF				
	НС				
			Page 5 of 17		
			rage 5 OI I/		
CUS	SIP No. G045	50A1	05 13G		
1	NAME OF REF	PORT	ING PERSON		
	ZFIC, Inc.				
2	CHECK THE A	 APPR	OPRIATE BOX IF A MEMBER OF A GROUP		

	(see In	stru	ctio	ons)	(a) (b)	[_]
	Not Ap	plica	able	<u> </u>		
3	SEC USE	ONL	 Y			
4	CITIZEN Wiscon		OR	PLACE OF ORGANIZATION		
			 5	SOLE VOTING POWER		
	MBER OF SHARES			None		
0'	WNED BY EACH		6	SHARED VOTING POWER 5,018,527		
	PORTING PERSON		7	SOLE DISPOSITIVE POWER		
	WITH None 8 SHARED DISPOSITIVE POWER					
			8	SHARED DISPOSITIVE POWER		
				5,329,014		
10	(see In Not Ap	OX III	ctio	e	;	[_]
11	10.1%	Of (υLΑS	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF (see In			ING PERSON ons)		
				Page 6 of 17		
CUS	IP No.	G0450	0A1(05 13G		
1	NAME OF	REP	ORTI	ING PERSON		
	Andrew	A. 2	Zieg	gler 		
2	CHECK T			DPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[_]

	Not Applic	abl	e		
3	SEC USE ONL	Y			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	U.S.A.				
		5	SOLE VOTING POWER		
	MBER OF		None		
BEN	SHARES EFICIALLY	6	SHARED VOTING POWER		
	WNED BY EACH		5,018,527		
	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			5,329,014		
9	AGGREGATE A	 MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	5,329,014				
10	CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
	Not Applic	abl	e		
11	PERCENT OF	CLA:	SS REPRESENTED BY AMOUNT IN ROW (9)		
	10.1%				
12	TYPE OF REP				
	IN				
			Page 7 of 17		
CUS	IP No. G045	0A1	05 13G		
1	NAME OF REP	ORT:	ING PERSON		
	Carlene M.	Zi	egler 		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[_]

Not Applicable

3	SEC USE ONL	Y			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	U.S.A.				
		5	SOLE VOTING POWER		
	MBER OF SHARES		None		
BEN		6	SHARED VOTING POWER		
	EACH		5,018,527		
	PORTING PERSON WITH	7	SOLE DISPOSITIVE POWER		
			None		
		8	SHARED DISPOSITIVE POWER		
			5,329,014		
9	AGGREGATE A	MOU!	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	5,329,014				
10	CHECK BOX I		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE	S	[_]
	Not Applic	abl	е		
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	10.1%				
12	TYPE OF REP				
	IN				
			Page 8 of 17		
CUS	IP No. G045	0A1	05 13G		
1	NAME OF REP	ORT	ING PERSON		
	Artisan Fu	nds	, Inc.		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a) (b)	[_]
	Not Applic	abl	е		
3	SEC USE ONL	 У			

4 CITIZEN	JSHIP OR PLACE OF ORGANIZATION
Wiscor	nsin
	5 SOLE VOTING POWER
NUMBER OF	None
SHARES BENEFICIALI	
OWNED BY EACH	3,186,225
REPORTING PERSON	7 SOLE DISPOSITIVE POWER
WITH	None
	8 SHARED DISPOSITIVE POWER
	3,186,225
 9 AGGREG <i>A</i>	
	ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
3,186,	
	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [_]
Not Ap	pplicable
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
6.0%	
	REPORTING PERSON
(see Ir	nstructions)
IC	
	Page 9 of 17
Item 1(a)	Name of Issuer:
	Arch Capital Group Ltd
Item 1(b)	Address of Issuer's Principal Executive Offices:
	Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda
Item 2(a)	Name of Person Filing:
	Artisan Partners Holdings LP ("Artisan Holdings") Artisan Investment Corporation, the general partner of Artisan Holdings ("Artisan Corp.") Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investments GP LLC, the general partner of Artisan Partners ("Artisan Investments") ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC")

Andrew A. Ziegler Carlene M. Ziegler Artisan Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC,
Mr. Ziegler, Ms. Ziegler and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Artisan Partners is a Delaware limited partnership Artisan Investments is a Delaware limited liability company ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Shares

Item 2(e) CUSIP Number:

G0450A105

- (d) Artisan Funds is an Investment Company under section 8 of the Investment Company $\mbox{\rm Act.}$
- (e) Artisan Partners and Artisan Holdings are investment advisers registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

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Item 4 Ownership (at February 28, 2010):

- (a) Amount owned "beneficially" within the meaning of rule 13d-3: 5,329,014
- (b) Percent of class:

10.1% (based on 52,909,248 shares outstanding as of February $23,\ 2010$)

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:

None

(ii) shared power to vote or to direct the vote:

5,018,527

(iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition of:

5,329,014

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

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

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners and Artisan Holdings; as reported herein, Artisan Partners and Artisan Holdings hold 5,329,014 shares, including 3,186,225 shares on behalf of Artisan Funds. Persons other than Artisan Partners and Artisan Holdings are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Not Applicable

Not Applicable

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 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.

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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 9, 2010

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Janet D. Olsen*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Janet D. Olsen*

ZFIC, INC.

By: Janet D. Olsen*

ANDREW A. ZIEGLER

Andrew A. Ziegler*

CARLENE M. ZIEGLER

Carlene M. Ziegler*

ARTISAN FUNDS, INC.

By: Janet D. Olsen*

*By: /s/ Janet D. Olsen

Janet D. Olsen
Vice President of Artisan
Investment Corporation
Vice President of Artisan
Investments GP LLC

Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler

Attorney-in-Fact for Carlene M. Ziegler

General Counsel and Secretary of Artisan Funds, Inc.

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Exhibit Index

Exhibit 1 Joint Filing Agreement dated March 9, 2010 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC, ZFIC,

Inc., Andrew A. Ziegler, Carlene M. Ziegler and Artisan Funds, Inc.

Exhibit 2 Power of Attorney of ZFIC, Inc., dated March 19, 2007

Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007

Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

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EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule $13\mathrm{G}$ to which this Agreement is attached.

Dated: March 9, 2010

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Janet D. Olsen*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Janet D. Olsen*

ZFIC, INC.

By: Janet D. Olsen*

ANDREW A. ZIEGLER

Andrew A. Ziegler*

CARLENE M. ZIEGLER

Carlene M. Ziegler*

ARTISAN FUNDS, INC.

By: Janet D. Olsen*

*By: /s/ Janet D. Olsen

Janet D. Olsen
Vice President of Artisan
Investment Corporation
Vice President of Artisan

Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.
Ziegler
General Counsel and Secretary of
Artisan Funds, Inc.

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EXHIBIT 2

POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler

Andrew A. Ziegler Vice President

STATE OF WISCONSIN)

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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EXHIBIT 3

POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN)

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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EXHIBIT 4

POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true

and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Carlene M. Ziegler
-----Carlene M. Ziegler

STATE OF WISCONSIN)

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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