ULTRA CLEAN HOLDINGS INC Form SC 13G/A February 11, 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. 5)*

Ultra Clean Holdings Inc

(Name of Issuer)

Common Stock

(Title of Class of Securities)

90385V107

(CUSIP Number)

December 31, 2009

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).

Page 1 of 17

CUSIP No. 9038	25V107 13G	
1 NAME OF REP	ORTING PERSON	
Artisan Pa	rtners Holdings LP	
2 CHECK THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP	[_]
Not Applic	cable	
3 SEC USE ONL	.Y	
4 CITIZENSHIP Delaware	OR PLACE OF ORGANIZATION	
	5 SOLE VOTING POWER	
NUMBER OF	None	
SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER	
EACH REPORTING	2,386,200	
PERSON WITH	7 SOLE DISPOSITIVE POWER	
WIIN	None	
	8 SHARED DISPOSITIVE POWER	
	2,610,100	
9 AGGREGATE AI 2,610,100	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10 CHECK BOX I	TF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
Not Applic	cable	
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
12.2%		
12 TYPE OF REP	ORTING PERSON	
HC		

Page 2 of 17

1	NAME OF REPO	ORT	ING PERSON		
	Artisan In	ves	tment Corporation		
2	CHECK THE AI			(a) (b)	
	Not Applica	abl	е		
3	SEC USE ONLY	Y			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	Wisconsin				
		5	SOLE VOTING POWER		
	MBER OF SHARES		None		
BEN		6	SHARED VOTING POWER		
	EACH PORTING		2,386,200		
	PERSON WITH	7	SOLE DISPOSITIVE POWER		
	WIII		None		
		8	SHARED DISPOSITIVE POWER		
			2,610,100		
9	AGGREGATE AN	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,610,100				
10	CHECK BOX II		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ons)		[_]
	Not Applica	abl	e 		
11	PERCENT OF (CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	12.2%				
12	TYPE OF REPO	ORT	ING PERSON		
	НС				
			Page 3 of 17		
CUS	IP No. 9038	5V1	07 13G		

1 NAME OF REPORTING PERSON

3

Artisan Pa	rtners Limited Partnership
2 CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [_]
Not Applic	able
3 SEC USE ONL	Y
4 CITIZENSHIP	OR PLACE OF ORGANIZATION
Delaware	
	5 SOLE VOTING POWER
NUMBER OF	None
SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER
EACH	2,342,200
REPORTING PERSON	7 SOLE DISPOSITIVE POWER
WITH	None
	8 SHARED DISPOSITIVE POWER
	2,566,100
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
2,566,100	
10 CHECK BOX I (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)
Not Applic	able
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)
12.0%	
12 TYPE OF REP (see Instru	ORTING PERSON ctions)
IA	
	Page 4 of 17
CUSIP No. 9038	5V107 13G
1 NAME OF REP	ORTING PERSON

Artisan Investments GP LLC

			[_]
Not	Applical	ple	
3 SEC	USE ONLY		
4 CITI	ZENSHIP (DR PLACE OF ORGANIZATION	
Del	aware		
		SOLE VOTING POWER	
NUMBER		None	
SHARES BENEFICIALLY OWNED BY EACH REPORTING		SHARED VOTING POWER	
		2,342,200	
PERSO	N .	7 SOLE DISPOSITIVE POWER	
WITH		None	
	-	3 SHARED DISPOSITIVE POWER	
		2,566,100	
9 AGGR	EGATE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
2,5	66,100		
	K BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
Not	Applical	ple	
11 PERC	ENT OF C	LASS REPRESENTED BY AMOUNT IN ROW (9)	
12.	0%		
	OF REPOR	RTING PERSON Lions)	
НС			
		Page 5 of 17	
		rage 3 or 17	
CUSIP No	. 903857	7107 13G	
1 NAME	OF REPOR	RTING PERSON	
ZFI	C, Inc.		
2 CHEC	K THE API	PROPRIATE BOX IF A MEMBER OF A GROUP	

			(a) (b)	[_]	
	Not Applic	able	е		
3	SEC USE ONL	 Y			
4	CITIZENSHIP Wisconsin	OR	PLACE OF ORGANIZATION		
		5	SOLE VOTING POWER		
NU	NUMBER OF		None		
SHARES BENEFICIALLY		6	SHARED VOTING POWER		
	WNED BY EACH		2,386,200		
	PERSON WITH	7	SOLE DISPOSITIVE POWER		
	WIIN		None		
		8	SHARED DISPOSITIVE POWER		
			2,610,100		
10	2,610,100 CHECK BOX I (see Instru Not Applic	ctio		·	 [_]
11	PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REP				
	HC				
			Page 6 of 17		
CUS	SIP No. 9038	5V1(07 13G		
1	NAME OF REP	ORT:	ING PERSON		
	Andrew A.	Zie	gler		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP	(a)	 [_]

N	Not Applica	able	9	
3 SE	CC USE ONLY	 (
4 CI	TIZENSHIP	OR	PLACE OF ORGANIZATION	
U 	J.S.A.			
		5	SOLE VOTING POWER	
	IR OF		None	
BENEFI		6	SHARED VOTING POWER	
EA	CD BY ACH		2,386,200	
PEF	RTING RSON	7	SOLE DISPOSITIVE POWER	
W I	TH		None	
		8	SHARED DISPOSITIVE POWER	
			2,610,100	
9 AG	GREGATE AN	IUON	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
2	2,610,100			
	ECK BOX II see Instruc		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	[_]
N	Not Applica	able		
11 PE	RCENT OF C	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
1	2.2%			
	PE OF REPOsee Instruc		ING PERSON Ons)	
I	IN			
			Page 7 of 17	
CUSIP	No. 90385	5V1(13G	
1 NA	AME OF REPO	ORT:	ING PERSON	
C	Carlene M.	Zie	egler	
	HECK THE AR		DPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]

Not Applicable

7

3	SEC USE ONL	Y	
4	CITIZENSHIP	OR PLACE OF ORGANIZATION	
	U.S.A.		
		5 SOLE VOTING POWER	
	MBER OF	None	
BEN		6 SHARED VOTING POWER	
OWNED BY EACH REPORTING		2,386,200	
	PERSON	7 SOLE DISPOSITIVE POWER	
	WITH	None	
		8 SHARED DISPOSITIVE POWER	
		2,610,100	
9	AGGREGATE AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,610,100		
10		F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
	(see Instru		[_]
	Not Applica		
11		CLASS REPRESENTED BY AMOUNT IN ROW (9)	
 12	12.2%	ORTING PERSON	
12	(see Instru		
	IN		
		Page 8 of 17	
CUS	IP No. 9038	5V107 13G	
1	NAME OF REP	ORTING PERSON	
	Artisan Fu	nds, Inc.	
2	CHECK THE AN		a) [_] o) [_]
	Not Applica	able	
2	SEC HSE ONL	v	_

4 CITIZE	NSHIP OR PLACE OF ORGANIZATION
Wisco	nsin
	5 SOLE VOTING POWER
NUMBER OF	None
SHARES SENEFICIAL OWNED BY	
EACH	1,594,444
REPORTING PERSON	
WITH	None
	8 SHARED DISPOSITIVE POWER
	1,594,444
9 AGGREG	ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,594	,444
	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
•	nstructions) [_
	pplicable T OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
7.4%	1 OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	F REPORTING PERSON
	nstructions)
IC	
	Page 9 of 17
item 1(a)	Name of Issuer:
	Ultra Clean Holdings Inc
tem 1(b)	Address of Issuer's Principal Executive Offices:
	26462 Corporate Avenue, Hayward, CA 94545
tem 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 Stock

Item 2(e) CUSIP Number:

90385V107

- (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.

Page 10 of 17

Item 4 Ownership (at December 31, 2009):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

2,610,100

(b) Percent of class:

12.2% (based on 21,456,897 shares outstanding as of October $30,\ 2009$)

(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:

2,386,200

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

None

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

2,610,100

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 2,610,100 shares, including 1,594,444 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

Item 8 Identification and Classification of Members of the Group:

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.

Page 11 of 17

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 11, 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.

Page 12 of 17

Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 11, 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

Page 13 of 17

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 11, 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.

Page 14 of 17

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

Page 15 of 17

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

Page 16 of 17

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

Page 17 of 17