ULTRA CLEAN HOLDINGS INC Form SC 13G/A February 07, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

OMB APPROVAL OMB Number: 3235-0145

Expires: December 31, 2005 Estimated average burden hours per response. . 11

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Ultra Clean Holdings, Inc.

(Name of Issuer)

Common Stock, par value \$.001 per share

(Title of Class of Securities)

90385V107

(CUSIP Number)

December 31, 2005

(Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- ý Rule 13d-1(c)
- o 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).

1.		Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Discovery Equity Partners, L.P.		
2.	Check the Appro	Check the Appropriate Box if a Member of a Group (See Instructions)		
Not Applicable.				
	(a)	O		
	(b)	o		
3.	SEC Use Only			
4.	Citizenship or Pl Illinois	Citizenship or Place of Organization Illinois		
	5.		Sole Voting Power None.	
Number of Shares Beneficially Owned by	6.		Shared Voting Power 937,315 Shares	
Each Reporting Person With	7.		Sole Dispositive Power None.	
	8.		Shared Dispositive Power 937,315 Shares	
9.	Aggregate Amou 937,315 Shares	Aggregate Amount Beneficially Owned by Each Reporting Person 937,315 Shares		
10.		Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o Not Applicable		
11.	Percent of Class 5.7 %	Percent of Class Represented by Amount in Row (9) 5.7 %		
12.	Type of Reporting Person (See Instructions) PN			

	1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Discovery Group I, LLC		
	2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
Not Applic	able.			
		(a)	0	
		(b)	o	
	3.	SEC Use Only		
	4.	Citizenship or Place of Organization Delaware		
		5.		Sole Voting Power None.
Number of Shares Beneficiall Owned by		6.		Shared Voting Power 1,105,830 Shares
Each Reporting Person Wit	th	7.		Sole Dispositive Power None.
		8.		Shared Dispositive Power 1,105,830 Shares
	9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,105,830 Shares		
	10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o Not Applicable		
	11.	Percent of Class Represented by Amount in Row (9) 6.7%		
	12.	Type of Reporting Person (See Instructions) OO		

1.		Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Daniel J. Donoghue		
2.		Check the Appropriate Box if a Member of a Group (See Instructions)		
Not Applicab	ole.			
		(a)	0	
		(b)	0	
3.		SEC Use Only		
4.		Citizenship or Place of Organization U.S.A.		
		5.		Sole Voting Power None.
Number of Shares Beneficially Owned by		6.		Shared Voting Power 1,105,830 Shares
Each Reporting Person With		7.		Sole Dispositive Power None.
		8.		Shared Dispositive Power 1,105,830 Shares
9.		Aggregate Amount Beneficially Owned by Each Reporting Person 1,105,830 Shares		
10		Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o Not Applicable		
11		Percent of Class Represented by Amount in Row (9) 6.7 $\%$		
12		Type of Reporting Person (See Instructions) IN		

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Michael R. Murphy		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		
Not Applicable.			
	(a)	o	
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Organization U.S.A.		
	5.		Sole Voting Power None.
Number of Shares Beneficially Owned by	6.		Shared Voting Power 1,105,830 Shares
Each Reporting Person With	7.		Sole Dispositive Power None.
	8.		Shared Dispositive Power 1,105,830 Shares
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,105,830 Shares		
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) O Not Applicable.		
11.	Percent of Class Represented by Amount in Row (9) 6.7 $\%$		
12.	Type of Reporting Person (See Instructions) IN		

Item 1.		
	(a)	Name of Issuer Ultra Clean Holdings, Inc.
	(b)	Address of Issuer s Principal Executive Offices 150 Independence Drive, Menlo Park, California 94025-1136
Item 2.	(a)	Name of Person Filing
		Discovery Equity Partners, L.P. (Discovery Partners)
		Discovery Group I, LLC, the general partner of Discovery Partners (Discovery Group)
		Daniel J. Donoghue, a Managing Member of Discovery Group
		Michael R. Murphy, a Managing Member of Discovery Group
	(b)	Address of Principal Business Office or, if none, Residence
		Discovery Partners, Discovery Group, Mr. Donoghue, and Mr. Murphy are all located at:
		Hyatt Center, 24th Floor, 71 South Wacker Drive, Chicago, Illinois 60606
	(c)	Citizenship
		Discovery Partners is an Illinois limited partnership
		Discovery Group is a Delaware limited liability company
		Mr. Donoghue and Mr. Murphy are U.S. citizens
	(d)	Title of Class of Securities Common Stock, par value \$.001 per share
	(e)	CUSIP Number 90385V107
Item 3.	If this statement is f	filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
Not Applicable.		
	(a)	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
	(b)	o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
	(c)	0

		Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
(d)	0	Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
(e)	o	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
(f)	o	An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);