CHOLESTECH CORPORATION Form SC 13G/A August 17, 2006

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

SCHEDULE 13G

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

Cholestech Corporation				
(Name of Issuer)				
Common Stock				
(Title of Class of Securities)				
170393102				
(CUSIP Number)				
August 8, 2006				
(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)				
[X] 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. 170393102				

	EPORTING PERSON/ ENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)		
Disc	covery Equity Partners, L.P.		
	APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) Applicable	(a) (b)	
3 SEC USE ON			
4 CITIZENSHI	IP OR PLACE OF ORGANIZATION		
Illi	inois		
	5 SOLE VOTING POWER		
	None		
SHARES BENEFICIALLY	6 SHARED VOTING POWER		
	750,290		
	7 SOLE DISPOSITIVE POWER		
REPORTING PERSON	None		
WITH	8 SHARED DISPOSITIVE POWER		
	750,290		
9 AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
750 ,	290		
10 CHECK IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (se	e	
	Applicable		[]
	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
5.0			
12 TYPE OF RE			
PN			
CUSIP No. 1703	393102		
	EPORTING PERSON/ ENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)		
Disc	covery Group I, LLC		
2 CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)	(a)	[]

Not Applicable		(b) []
3 SEC U	SE ONLY	
4 CITIZI	ENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
	5 SOLE VOTING POWER	
	None	
	OF 6 SHARED VOTING POWER	
SHARE: BENEFICIA	ALLY 877,695	
OWNED I EACH	7 SOLE DISPOSITIVE POWER	
REPORTII PERSOI	N None	
WITH	8 SHARED DISPOSITIVE POWER	
	877,695	
9 AGGRE	GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	877,695	
	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 S (see
Instr	uctions)	[]
	Not Applicable 	
11 PERCEI	NT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	5.9 %	
12 TYPE (OF REPORTING PERSON (see Instructions)	
	00	
CUSIP No.	170393102	
	OF REPORTING PERSON/ . IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)	
	Daniel J. Donoghue	
2 CHECK	THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instruction	 ons)
	Not Applicable	(a) [] (b) []
3 SEC U	SE ONLY	
4 CITIZI	ENSHIP OR PLACE OF ORGANIZATION	

U.S.A. _____ 5 SOLE VOTING POWER None _____ NUMBER OF 6 SHARED VOTING POWER BENEFICIALLY 877,695 ______ OWNED BY 7 SOLE DISPOSITIVE POWER REPORTING PERSON None ______ WTTH 8 SHARED DISPOSITIVE POWER 877**,**695 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 877,695 10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [] Not Applicable ______ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.9 % ______ 12 TYPE OF REPORTING PERSON (see Instructions) TN ______ CUSIP No. 170393102 1 NAME OF REPORTING PERSON/ 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) (a) [] Not Applicable ._____ 3 SEC USE ONLY ______ 4 CITIZENSHIP OR PLACE OF ORGANIZATION U.S.A. _____ 5 SOLE VOTING POWER NUMBER OF 6 SHARED VOTING POWER

SHARES BENEFICIALLY 877,695 OWNED BY EACH 7 SOLE DISPOSITIVE POWER REPORTING PERSON None _____ 8 SHARED DISPOSITIVE POWER 877,695 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 877,695 ______ 10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [] Not Applicable 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.9 % 12 TYPE OF REPORTING PERSON (see Instructions) IN ______ Item 1. (a) Name of Issuer Cholestech Corporation (b) Address of Issuer's Principal Executive Offices 3347 Investment Boulevard, Hayward, California 94545 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

5

Common Stock

(e) CUSIP Number

170393102

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:

Not Applicable

- (a) [] Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
- (b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) [] Insurance company as defined in section 3(a)(19) of the Act $(15\ U.s.c.\ 78c)$.
- (d) [] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) [] An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
- (f) [] An employee benefit plan or endowment fund in accordance with Section 240.13d-1 (b) (1) (ii) (F);
- (g) [] A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
- (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) [] Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).

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:

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Discovery Partners - 750,290
Discovery Group - 877,695
Mr. Donoghue - 877,695
Mr. Murphy - 877,695
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(b) Percent of class:

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Discovery Partners - 5.0 %
Discovery Group - 5.9 %
Mr. Donoghue - 5.9 %
Mr. Murphy - 5.9 %
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The foregoing percentages are based on 14,988,875 shares of Common Stock of the Issuer identified in Item 1 outstanding as of July 31, 2006, as reported in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2006.

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

None

(ii) Shared power to vote or to direct the vote

Discovery Partners - 750,290 Discovery Group - 877,695 Mr. Donoghue - 877,695 Mr. Murphy - 877,695

(iii) Sole power to dispose or to direct the disposition of

None

(iv) Shared power to dispose or to direct the disposition of

Discovery Partners - 750,290 Discovery Group - 877,695 Mr. Donoghue - 877,695 Mr. Murphy - 877,695

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.

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 Discovery Group, including Discovery Partners. Such discretionary clients are entitled to receive all dividends from, and proceeds from the sale of, those shares. Except for Discovery Partners, none of those discretionary clients, to the knowledge of Discovery Partners, Discovery Group, Mr. Donoghue or Mr. Murphy, has an economic interest in more than 5% of the class.

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 DISCOVERY GROUP I, LLC, for itself and as general partner of DISCOVERY EQUITY PARTNERS, L.P. /s/ Michael R. Murphy _____ Signature Michael R. Murphy, Managing Member _____ Name/Title /s/ Daniel J. Donoghue Signature Daniel J. Donoghue Name/Title /s/ Michael R. Murphy Signature Michael R. Murphy _____ Name/Title

August 17, 2006

Exhibit Index

Exhibit 1 Joint Filing Agreement dated as of August 17, 2006, by and between Discovery Equity Partners, L.P.; Discovery Group I, LLC; Daniel J. Donoghue; and Michael R. Murphy.

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Amendment No. 1 to the Schedule 13G to which this Agreement is attached.

Dated: August 17, 2006

DISCOVERY GROUP I, LLC, for itself and as general partner of DISCOVERY EQUITY PARTNERS, L.P.

By /s/ Michael R. Murphy _____ Michael R. Murphy Managing Member

/s/ Daniel J. Donoghue _____ Daniel J. Donoghue

/s/ Michael R. Murphy

Michael R. Murphy