

ENOVA SYSTEMS INC  
Form SC 13G  
May 09, 2008

**SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, D.C. 20549

**Schedule 13G**

Under the Securities Exchange Act of 1934

**ENOVA SYSTEMS, INC.**

(Name of Issuer)

Common Stock

(Title of Class of Securities)

29355M200

(CUSIP Number)

May 1, 2008

(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).

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CUSIP No.		29355M200
1) Name of Reporting Person		Lehman Brothers Holdings Inc.
S.S. or I.R.S. Identification No. of Above Person		13-3216325
2) Check the Appropriate Box if a Member of a Group		(a) <input type="radio"/> (b) <input type="radio"/>
3) SEC Use Only		
4) Citizenship or Place of Organization		Delaware
Number of	5) Sole Voting Power	1,238,920
Shares	6) Shared Voting Power	-0-
Beneficially	7) Sole Dispositive Power	1,238,920
Owned by	8) Shared Dispositive Power	-0-
Each		
Reporting		
Person		
With:		
9) Aggregate Amount Beneficially Owned by Each Reporting Person		1,238,920
10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares		<input type="radio"/>
11) Percent of Class Represented by Amount in Row 9		6.0% <sup>(1)</sup>
12) Type of Reporting Person		HC/CO

<sup>(1)</sup> Based on 19,319,591 shares of common stock outstanding as of April 29, 2008 as reported in the Proxy Statement filed on April 29, 2008 and an additional 1,299,174 shares of common stock issued in a private placement on May 1, 2008 as reported in the Form 8-K/A filed on May 5, 2008.

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CUSIP No.		29355M200
1) Name of Reporting Person		Lehman Brothers Inc.
S.S. or I.R.S. Identification No. of Above Person		13-2518466
2) Check the Appropriate Box if a Member of a Group		(a) <input type="radio"/> (b) <input type="radio"/>
3) SEC Use Only		
4) Citizenship or Place of Organization		Delaware
Number of	5) Sole Voting Power	1,238,920
Shares	6) Shared Voting Power	-0-
Beneficially	7) Sole Dispositive Power	1,238,920
Owned by	8) Shared Dispositive Power	-0-
Each		
Reporting		
Person		
With:		
9) Aggregate Amount Beneficially Owned by Each Reporting Person		1,238,920
10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares		<input type="radio"/>
11) Percent of Class Represented by Amount in Row 9		6.0% <sup>(1)</sup>
12) Type of Reporting Person		BD/CO

<sup>(1)</sup> Based on 19,319,591 shares of common stock outstanding as of April 29, 2008 as reported in the Proxy Statement filed on April 29, 2008 and an additional 1,299,174 shares of common stock issued in a private placement on May 1, 2008 as reported in the Form 8-K/A filed on May 5, 2008.

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CUSIP No.	29355M200
1) Name of Reporting Person	LB I Group Inc.
S.S. or I.R.S. Identification No. of Above Person	13-2741778
2) Check the Appropriate Box if a Member of a Group	(a) <input type="radio"/> (b) <input type="radio"/>
3) SEC Use Only	
4) Citizenship or Place of Organization	Delaware
Number of	5) Sole Voting Power 1,023,700
Shares	6) Shared Voting Power -0-
Beneficially	7) Sole Dispositive Power 1,023,700
Owned by	8) Shared Dispositive Power -0-
Each	
Reporting	
Person	
With:	
9) Aggregate Amount Beneficially Owned by Each Reporting Person	1,023,700
10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares	<input type="radio"/>
11) Percent of Class Represented by Amount in Row 9	5.0% <sup>(1)</sup>
12) Type of Reporting Person	CO

<sup>(1)</sup> Based on 19,319,591 shares of common stock outstanding as of April 29, 2008 as reported in the Proxy Statement filed on April 29, 2008 and an additional 1,299,174 shares of common stock issued in a private placement on May 1, 2008 as reported in the Form 8-K/A filed on May 5, 2008.

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CUSIP No.	29355M200
1) Name of Reporting Person	Lehman Brothers Special Financing Inc.
S.S. or I.R.S. Identification No. of Above Person	11-2751029
2) Check the Appropriate Box if a Member of a Group	(a) <input type="radio"/> (b) <input type="radio"/>
3) SEC Use Only	
4) Citizenship or Place of Organization	Delaware
Number of	5) Sole Voting Power 215,220
Shares	6) Shared Voting Power -0-
Beneficially	7) Sole Dispositive Power 215,220
Owned by	8) Shared Dispositive Power -0-
Each	
Reporting	
Person	
With:	
9) Aggregate Amount Beneficially Owned by Each Reporting Person	215,220
10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares	<input type="radio"/>
11) Percent of Class Represented by Amount in Row 9	1.0% <sup>(1)</sup>
12) Type of Reporting Person	CO

<sup>(1)</sup> Based on 19,319,591 shares of common stock outstanding as of April 29, 2008 as reported in the Proxy Statement filed on April 29, 2008 and an additional 1,299,174 shares of common stock issued in a private placement on May 1, 2008 as reported in the Form 8-K/A filed on May 5, 2008.

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- Item 1(a). Name of Issuer:  
Enova Systems, Inc.
- Item 1(b). Address of Issuer's Principal Executive Offices:  
1560 West 190<sup>th</sup> Street  
Torrance, CA 90501
- Item 2(a). Name of Person(s) Filing:  
Lehman Brothers Holdings Inc.  
Lehman Brothers Inc.  
LB I Group Inc.  
Lehman Brothers Special Financing Inc.
- Item 2(b). Address of Principal Business Office:  
  
Lehman Brothers Holdings Inc.  
745 Seventh Avenue  
New York, New York 10019  
  
Lehman Brothers Inc.  
745 Seventh Avenue  
New York, New York 10019  
  
LB I Group Inc.  
399 Park Avenue  
New York, New York 10022  
  
Lehman Brothers Special Financing Inc.  
745 Seventh Avenue  
  
New York, New York 10019
- Item 2(c). Citizenship or Place of Organization:  
Lehman Brothers Holdings Inc. ( Holdings ) is a corporation organized under the laws of the State of Delaware.

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Lehman Brothers Inc. ( LBI ) is a corporation organized under the laws of the State of Delaware. LBI is a broker-dealer registered under Section 15 of the Act.

LB I Group Inc. ( LB I Group ) is a corporation organized under the laws of the State of Delaware.

Lehman Brothers Special Financing Inc. ( LBSF ) is a corporation organized under the laws of the State of Delaware.

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

29355M200

Item 3. If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:

- (a)  A broker or dealer under Section 15 of the 1934 Act
- (b)  A bank as defined in Section 3(a)(6) of the 1934 Act
- (c)  An insurance company as defined in Section 3(a) (19) of the 1934

Act

- (d)  An investment company registered under Section 8 of the

Investment Company Act of 1940

- (e)  An investment advisor in accordance with

Rule 13d-1(b)(1)(ii)(E)

- (f)  An employee benefit plan or endowment fund in accordance

with Rule 13d-1(b)(1)(ii)(F)

- (g)  A parent holding company or control person in accordance

with Rule 13d-1(b)(1)(ii)(G)

- (h)  A savings association as defined in Section 3(b) of the Federal

Deposit Insurance Act

- (i)  A church plan that is excluded from the definition of investment

Company under Section 3(c)(14) of the Investment Company Act

Of 1940

- (j)  A group, in accordance with Rule 13d-1(b)(1)(ii)(J)

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Item 4. Ownership

(a) Amount Beneficially Owned:

See Item 9 of cover pages.

(b) Percent of Class:

See Item 11 of cover pages.

(c) Number of shares as to which the person has:

- (i) sole power to vote or to direct the vote
- (ii) shared power to vote or to direct the vote
- (iii) sole power to dispose or to direct the disposition
- (iv) shared power to dispose or to direct the disposition

See Items 5-8 of 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 o.

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

Not Applicable



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Item 7. Identification and Classification of the Subsidiary which Acquired the Security being Reported on by the Parent Holding Company or Control Person

LB I Group is the actual owner of 1,023,700 shares of common stock reported herein. LB I Group, is wholly-owned by LBI, which is wholly-owned by Holdings.

Under the rules and regulations of the Securities and Exchange Commission, LBI and Holdings may be deemed to be the beneficial owners of the shares of common stock owned by LB I Group.

LBSF is the actual owner of 215,220 shares of common stock reported herein. LBSF is wholly-owned by LBI which is wholly-owned by Holdings.

Under the rules and regulations of the Securities and Exchange Commission, LBI and Holdings may be deemed to be the beneficial owners of the common stock owned by LBSF.

Item 8. Identification and Classification of Members of the Group

Not Applicable

Item 9. Notice of Dissolution of Group

Not Applicable

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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.
- By signing below I hereby 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.

After reasonable inquiry and to the best of the undersigned's knowledge and belief, the undersigned hereby certifies that the information set forth in this statement is true, complete and correct.

Dated: May 9, 2008

LEHMAN BROTHERS HOLDINGS INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LEHMAN BROTHERS INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LB I GROUP INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LEHMAN BROTHERS SPECIAL FINANCING INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

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EXHIBIT A - JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on Schedule 13G filed herewith (and any amendments thereto), is being filed jointly with the Securities and Exchange Commission pursuant to Rule 13d-1(k) (1) under the Securities Exchange Act of 1934, as amended, on behalf of each such person.

Dated: May 9, 2008

LEHMAN BROTHERS HOLDINGS INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LEHMAN BROTHERS INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LB I GROUP INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President

LEHMAN BROTHERS SPECIAL FINANCING INC.

By: /s/ Gwen J. Zeisler  
Name: Gwen J. Zeisler  
Title: Vice President