

SCHEDULE 13D/A

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 5)

Ultralife Batteries, Inc.  
(Name of Issuer)

COMMON STOCK, par value \$.10  
(Title of Class of Securities)

903899102  
(CUSIP Number)

Jerald A. Trannel  
290 South County Farm Road, Third Floor  
Wheaton, Illinois 60187-4526  
Telephone: (630) 588-7200  
(Name, Address and Telephone Number of Person Authorized to  
Receive Notices and Communications)

February 26, 2007  
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on  
Schedule 13G to report the acquisition which is the subject  
of this Schedule 13D, and is filing this schedule because  
of Section 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g),  
check the following box. [ ]

NOTE: Schedules filed in paper format shall include a  
signed original and five copies of the schedule, including  
all exhibits. See Section 240.13d-7(b) for other parties  
to whom copies are to be sent.

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  
disclosures provided in a prior cover page.

The information required on 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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Schedule 13D/A

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1. Names of Reporting Person  
S.S. OR I.R.S. Identification No. of Above Persons  
Grace Brothers, Ltd.
2. Check the Appropriate Box if a Member of a Group (See  
instructions)  
(a) [ ]  
(b) [ ]
3. SEC Use Only
4. Source of Funds (See instructions)  
00
5. Check if Disclosure of Legal Proceedings is Required  
Pursuant to Items 2(d) or 2(e) [ ]
6. Citizenship or Place of Organization

Illinois Limited Partnership  
7 Sole Voting Power  
Number of 0

Shares	8	Shared Voting Power
Beneficially	4,419,542	shares
Owned by		
Each		
Reporting	9	Sole Dispositive Power
Person	0	
With	10	Shared Dispositive Power
	4,419,542	shares

11. Aggregate Amount Beneficially Owned by Each Reporting Person

4,419,542 shares

12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See instructions) [  ]

13. Percent of Class Represented by Amount in Row (11)

29.4%

14. Type of Reporting Person (See instructions)

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## 1. Names of Reporting Person

S.S. OR I.R.S. Identification No. of Above Persons

Bradford T. Whitmore

## 2. Check the Appropriate Box if a Member of a Group (See instructions)

(a) (b) 

## 3. SEC Use Only

## 4. Source of Funds (See instructions)

00

5. Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e) 

## 6. Citizenship or Place of Organization

United States

	7 Sole Voting Power
Number of Shares Beneficially Owned by Each Reporting Person With	25,815
	8 Shared Voting Power
	4,419,542
	9 Sole Dispositive Power
	25,815
	10 Shared Dispositive Power
	4,419,542

## 11. Aggregate Amount Beneficially Owned by Each Reporting Person

4,445,357

12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See instructions) 

## 13. Percent of Class Represented by Amount in Row (11)

29.6%

## 14. Type of Reporting Person (See instructions)

IN

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1. Names of Reporting Person  
S.S. OR I.R.S. Identification No. of Above Persons

Spurgeon Corporation

2. Check the Appropriate Box if a Member of a Group (See instructions)

(a)   
(b)

3. SEC Use Only

4. Source of Funds (See instructions)

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5. Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)

6. Citizenship or Place of Organization

Illinois Corporation

7 Sole Voting Power

Number of Shares 0

Beneficially 8 Shared Voting Power

Owned by 4,419,542 shares

Each

Reporting 9 Sole Dispositive Power

Person 0

With

10 Shared Dispositive Power

4,419,542 shares

11. Aggregate Amount Beneficially Owned by Each Reporting Person

4,419,542

12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See instructions)

13. Percent of Class Represented by Amount in Row (11)

29.4%

14. Type of Reporting Person (See instructions)

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The undersigned, Grace Brothers, Ltd. ("Grace") hereby amends its Schedule 13D as filed on June 7, 2006 relating to the Common Stock of Ultralife Batteries, Inc. Unless otherwise indicated, all capitalized terms used herein but not defined herein shall have the same meaning as set forth in the Schedule 13D. Except as set forth herein, the Schedule 13D, as previously amended, remains unchanged.

#### Item 4. Purpose of Transaction

On February 26, 2007, Bradford T. Whitmore spoke with Mr. John Kavazanjian, the CEO of the Company, and expressed his desire to become a member of the Board of Directors of the Company. The Company has advised Mr. Whitmore that it is considering his candidacy.

Although Mr. Whitmore does not presently have any other plans or proposals which relate to or would result in any of the actions set forth in subparagraphs (a) through (j) of this Item 4, it is possible that, if elected, during the course of his board service he may encourage the Board and the Company to pursue one or more such actions.

The Filers may, depending on market conditions and other factors they deem material, purchase additional shares of Common Stock or dispose of all or a portion of the Shares that they now own or any shares of Common Stock they may hereafter acquire.

#### Item 5. Interest in Securities of the Issuer

(a) As of the date of this filing, Grace beneficially owns 4,419,542 shares of Common Stock, representing approximately 29.4% of the outstanding shares of Common Stock. As general partner of Grace, Spurgeon may be deemed beneficial owner of 4,419,542 shares of Common Stock, or 29.4% of the outstanding shares of Common Stock, although they otherwise disclaim beneficial ownership. As general partner of Grace, Whitmore may be deemed beneficial owner of 4,419,542 shares of Common Stock, and 25,815 shares of Common Stock as direct beneficial owner, or 29.6% of the outstanding shares of Common Stock.

(b) Grace: shared voting power (with Whitmore and Spurgeon)  
4,419,542 Shares

Whitmore: shared voting power (with Grace and Spurgeon)  
4,419,542 Shares  
sole voting power 25,815 Shares

Spurgeon: shared voting power (with Grace and Whitmore)  
4,419,542 Shares

SIGNATURE

After reasonable inquiry and to the best of its knowledge and belief, the undersigned certifies that the information set forth in this Statement with respect to it is true, complete and correct.

Dated: March 2, 2007

Grace Brothers, Ltd.

By: /s/ Bradford T. Whitmore  
Name: Bradford T. Whitmore  
Its: General Partner

Bradford T. Whitmore

By: /s/ Bradford T. Whitmore  
Name: Bradford T. Whitmore

Spurgeon Corporation

By: /s/ Jerald A. Trannel  
Name: Jerald A. Trannel  
Its: Vice President