

ULTRALIFE BATTERIES INC
 Form 4
 September 28, 2006

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 GRACE BROTHERS LTD

2. Issuer Name and Ticker or Trading Symbol
 ULTRALIFE BATTERIES INC
 [ULBI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 1560 SHERMAN AVE SUITE 900
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/26/2006

____ Director 10% Owner
 ____ Officer (give title below) ____ Other (specify below)

EVANSTON, IL 60201

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)	
				Code	V	Amount				(A) or (D)
Common Stock	09/26/2006		P		400	A	\$ 9.02	3,475,797	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/26/2006		P		800	A	\$ 9.0486	3,476,597	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/26/2006		P		5,667	A	\$ 9.05	3,482,264	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/26/2006		P		400	A	\$ 9.06	3,482,664	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/26/2006		P		500	A	\$ 9.07	3,483,164	D	Indirect Beneficial Ownership (Instr. 4)

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Common Stock	09/26/2006	P	400	A	\$ 9.0775	3,483,564	D
Common Stock	09/26/2006	P	800	A	\$ 9.08	3,484,364	D
Common Stock	09/26/2006	P	500	A	\$ 9.094	3,484,864	D
Common Stock	09/26/2006	P	1,000	A	\$ 9.096	3,485,864	D
Common Stock	09/26/2006	P	41,865	A	\$ 9.1	3,527,729	D
Common Stock	09/26/2006	P	700	A	\$ 9.11	3,528,429	D
Common Stock	09/26/2006	P	300	A	\$ 9.12	3,528,729	D
Common Stock	09/26/2006	P	2,100	A	\$ 9.13	3,530,829	D
Common Stock	09/26/2006	P	2,700	A	\$ 9.14	3,533,529	D
Common Stock	09/26/2006	P	9,900	A	\$ 9.15	3,543,429	D
Common Stock	09/26/2006	P	200	A	\$ 9.16	3,543,629	D
Common Stock	09/26/2006	P	200	A	\$ 9.18	3,543,829	D
Common Stock	09/26/2006	P	100	A	\$ 9.19	3,543,929	D
Common Stock	09/26/2006	P	4,000	A	\$ 9.1992	3,547,929	D
Common Stock	09/26/2006	P	36,019	A	\$ 9.2	3,583,948	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned
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Derivative Security	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Instr. 3 and 4)	Own Follo Repo Trans (Instr
	Code V (A) (D)	Date Exercisable	Expiration Date
		Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GRACE BROTHERS LTD 1560 SHERMAN AVE SUITE 900 EVANSTON, IL 60201		X		

Signatures

Bradford T. Whitmore, General Partner	09/28/2006
**Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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