FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT	OF CHANGES	IN BENEFICIAL	OWNERSHIP

OMB APPRO	DVAL
OMB Number:	3235-0287
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Croce James A.						2. Issuer Name and Ticker or Trading Symbol <u>ULTRALIFE CORP</u> [ULBI]									check al	nship of Repo I applicable) Director	ting P	Person(s) to Is	
(Last) (First) (Middle) 2000 TECHNOLOGY PARKWAY				3. Date of Earliest Transaction (Month/Day/Year) 05/09/2011										Officer (give tit pelow)			Other (specify below)		
(Street) NEWAR			14513 Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								ne) <mark>X</mark> I	idual or Joint/Group Filing (Check Applicable 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. Transa Date (Month/D						Execution Date,		Transaction Disposed Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			nd Se Be On	Amount of ecurities eneficially wned Following eported	Fo (D	Ownership orm: Direct O) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount		A) or D)	Price	Tr	ansaction(s) astr. 3 and 4)	tion(s)		(111511.4)
Common Stock; \$.10 par value															5,190		D		
Common Stock; \$.10 par value 05/0				05/09	9/2011				P		5,000 ⁽¹⁾ A		Α	\$3.	99	9 10,190		D	
	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 Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/Da	Date, Transact Code (In					6. Date E Expiratio (Month/D	е	7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		str. 3	8. Price Derivat Securit (Instr. 5	ive derivative y Securitie	e S Illy	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisal		Expiration Date	Title	Amo or Nun of Sha						

Explanation of Responses:

1. Shares purchased through an IRA account.

Remarks:

/s/Peter F. Comerford attorney- 05/10/2011 in-fact for James A. Croce

** Signature of Reporting Person

Date

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

- * 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.