

LUDLUM KEN
Form 4/A
August 30, 2006

FORM 4

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

OMB APPROVAL

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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 *
LUDLUM KEN

(Last) (First) (Middle)

C/O NATUS MEDICAL
INCORPORATED, 1501
INDUSTRIAL ROAD

(Street)

SAN CARLOS, CA 94070

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
NATUS MEDICAL INC [BABY]

3. Date of Earliest Transaction
(Month/Day/Year)
08/25/2006

4. If Amendment, Date Original Filed(Month/Day/Year)
08/29/2006

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Beneficial Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock, \$0.001 par value per share					38,750	D	

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

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(9-02)

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

Table with columns: 1. Title of Derivative Security (Instr. 3), 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date (Month/Day/Year), 3A. Deemed Execution Date, if any (Month/Day/Year), 4. Transaction Code (Instr. 8), 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5), 6. Date Exercisable and Expiration Date (Month/Day/Year), 7. Title and Amount of Underlying Securities (Instr. 3 and 4), 8. Price of Derivative Security (Instr. 5), 9. Number of Derivative Securities Owned Beneficially (Instr. 5), 10. Reporting Owner's Relationship to the Issuer (Instr. 4), 11. Derivative Security Underlying the Derivative Security (Instr. 3 and 4), 12. Date Derivative Security Underlying the Derivative Security Was Acquired or Disposed of (Instr. 3 and 4), 13. Title or Number of Shares of Derivative Security Underlying the Derivative Security (Instr. 3 and 4).

Reporting Owners

Table with columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Row 1: LUDLUM KEN, C/O NATUS MEDICAL INCORPORATED, 1501 INDUSTRIAL ROAD, SAN CARLOS, CA 94070. Relationship: X (10% Owner).

Signatures

/s/ BRIENNE H. FISHER, Attorney-in-Fact, 08/30/2006. **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).

Remarks:

The original Form 4 filed on August 29, 2006 was filed for Mr. Ludlum in error and the transactions reported therein were not... Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.