NATUS MEDICAL INC

Form 4

January 15, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Nierenberg Investment Management Company, Inc.

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(Middle)

NATUS MEDICAL INC [BABY]

(Check all applicable)

19605 NE 8TH STREET

3. Date of Earliest Transaction

(Month/Day/Year) 01/13/2010

Filed(Month/Day/Year)

Director Officer (give title

_X__ 10% Owner Other (specify

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

below)

CAMAS, WA 98607

(City)	(State)	(Zip) Tab	le I - Non-	Derivative S	Securi	ies Acqui	ired, Disposed of	, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securitie order Dispose (Instr. 3, 4	d of (L))	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	01/13/2010		S	100,000		\$ 14.36	446,056 <u>(1)</u>	I	By The DIII Offshore Fund, LP
Common Stock	01/14/2010		S	45,400	D	\$ 14.56	2,291,595 (1)	I	By The D3 Family Bulldog Fund, LP
Common Stock	01/15/2010		S	38,340	D	\$ 14.5	2,253,255 (1)	I	By The D3 Family Bulldog Fund, LP

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Common Stock	550,291 (1)	I	By The D3 Family Fund, LP
Common Stock	129,931 <u>(1)</u>	I	By The D3 Family Canadian Fund, LP

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

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 control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed		ate	7. Titl Amou Under Secur (Instr.	int of lying	8. Price o Derivativ Security (Instr. 5)
				Code V	of (D) (Instr. 3, 4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Nierenberg Investment Management Company, Inc. 19605 NE 8TH STREET CAMAS, WA 98607		X				
D3 Family Bulldog Fund, LP 19605 NE 8TH STREET CAMAS, WA 98607		X				
DIII Offshore Fund, LP 19605 NE 8TH STREET CAMAS, WA 98607		X				
		X				

Reporting Owners 2

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X

Nierenberg Investment Management Offshore Inc.

19605 NE 8TH STREET

CAMAS, WA 98607

Nierenberg David

19605 NE 8TH STREET

CAMAS, WA 98607

Signatures

David Nierenberg, President, Nierenberg Investment Management Company, Inc. (NIMCO)	01/15/2010
**Signature of Reporting Person	Date
David Nierenberg, President, Nierenberg Investment Management Offshore, Inc. (NIMO)	01/15/2010
**Signature of Reporting Person	Date
David Nierenberg, President, NIMCO, General Partner of The D3 Family Bulldog Fund, LP	01/15/2010
**Signature of Reporting Person	Date
David Nierenberg, President, NIMO, General Partner of The DIII Offshore Fund, LP	01/15/2010
**Signature of Reporting Person	Date
David Nierenberg	01/15/2010
**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).
- (1) Each of the reporting persons disclaims beneficial ownership of these securities except to the extent of the reporting person's pecuniary interest therein.

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.

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