STERN ADAM K

Form 4

December 14, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

OMB APPROVAL

3235-0287 Number:

> January 31, 2005

> > 0.5

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obligations

Check this box

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

may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

STERN ADAM K

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to Issuer

INVIVO THERAPEUTICS (Check all applicable) **HOLDINGS CORP. [NVIV]**

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director 10% Owner Officer (give title Other (specify

535 MADISON AVENUE, 12TH **FLOOR**

(Street)

(City)

Security

(Instr. 3)

4. If Amendment, Date Original

Filed(Month/Day/Year)

12/10/2010

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

below)

NEW YORK, NY 10022

1. Title of 2. Transaction Date 2A. Deemed

(State)

(Zip)

3. (Month/Day/Year) Execution Date, if Code (Month/Day/Year) (Instr. 8)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if TransactionDerivative

5. Number of

6. Date Exercisable and **Expiration Date**

7. Title and Amount of Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A or Disposed (D) (Instr. 3, 4, and 5)				(Instr. 3 and 4)	
				Code V	(A) (D)) Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to	\$ 2.26	12/10/2010		A	50,000	01/10/2011(1)	12/10/2020	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

STERN ADAM K 535 MADISON AVENUE, 12TH FLOOR X

NEW YORK, NY 10022

Signatures

buy)

/s/ Adam Stern 12/14/2010

**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).
- Option vests in 12 equal monthly installments on each monthly anniversary of the grant date until fully vested on the first anniversary of (1) the grant date. Option not exercisable until the Company's 2010 Equity Incentive Plan is approved by the Company's stockholders and a registration statement on Form S-8 to register shares underlying such option is filed with the Securities and Exchange Commission.

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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