INOVIO BIOMEDICAL CORP

Form 4

August 18, 2008

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:

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Form 5 obligations

may continue. See Instruction

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 *

(First)

(Street)

(State)

HEPPELL JAMES L

2. Issuer Name and Ticker or Trading

Symbol

INOVIO BIOMEDICAL CORP

[INO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 08/14/2008

X_ Director Officer (give title below)

10% Owner Other (specify

1280 - 885 WEST GEORGIA

STREET

(City)

(Instr. 3)

(Last)

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

VANCOUVER, A1 V6C 3E8

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

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

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 Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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

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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

5. Number of **TransactionDerivative**

6. Date Exercisable and **Expiration Date**

Title and Amor Underlying Secur

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)
				Code '	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Inovio Biomedical Corporation Common Stock Option	\$ 1.03	08/14/2008		A		75,000		09/14/2008(1)	08/14/2018	Inovio Biomedical Corporation Common Stock

Reporting Owners

Reporting Owner Name / Address		Kelatioi	isnips	
	ъ.	10% 0	0.00	0.1

Director 10% Owner Officer Other

HEPPELL JAMES L 1280 - 885 WEST GEORGIA STREET X VANCOUVER, A1 V6C 3E8

Signatures

James L. 08/14/2008 Heppell

**Signature of Date
Reporting Person

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) The vesting schedule for these 75,000 option shares is as follows: 6,250 option shares will vest monthly from the date of grant over a period of 12 months, ending August 18, 2009.

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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