MATSUI CONNIE

Form 4

January 18, 2007

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

0.5

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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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **MATSUI CONNIE** Issuer Symbol **BIOGEN IDEC INC [BIIB]** (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ Other (specify 14 CAMBRIDGE CENTER 01/16/2007 below) EVP, Corp. Strategy and Comm. (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CAMBIRDGE, MA 02142 Person

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acquir	ed, Disposed of,	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	onor Dispos (Instr. 3, 4	ed of (4 and 5 (A) or	`	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	01/16/2007		Code V $M_{\underline{(1)}}$	Amount 16,825	(D)		39,396.11	D	
Common Stock	01/16/2007		M(1)	7,998	A	\$ 6.9167	47,394.11	D	
Common Stock	01/16/2007		S(1)	24,823	D	\$ 50.8277 (2)	22,571.11	D	
Common Stock							40,766	I	By Trust

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

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SEC 1474 (9-02)

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)	5. Number of or 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 Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Stock Option (right-to-buy)	\$ 7.7188	01/16/2007		M	16,825	(3)	01/12/2009	Common Stock	16,8
Stock Option (right-to-buy)	\$ 6.9167	01/16/2007		M	7,998	<u>(5)</u>	02/04/2008	Common Stock	7,99

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MATSUI CONNIE 14 CAMBRIDGE CENTER CAMBIRDGE, MA 02142

EVP, Corp. Strategy and Comm.

Signatures

By: Kevin Foley, attorney-in-fact, For: Connie L.

Matsui 01/18/2007

**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) Sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- (2) This represents the weighted average price for shares sold at a range between \$50.50 (low) and \$51.12 (high).
- Option became exercisable as to 25% of the optioned shares on 1/01/2000 and as to the balance of the shares in 36 equal monthly installments thereafter.
- (4) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- Option became exercisable as to 25% of the optioned shares on 1/01/1999 and as to the balance of the shares in 36 equal monthly installments thereafter.

Reporting Owners 2

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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.