Brauker James H Form 4 June 22, 2006

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Section 16. Form 4 or 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 * Brauker James H			2. Issuer Name and Ticker or Trading Symbol DEXCOM INC [DXCM]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
5555 OBERLI	N DRIVE		(Month/Day/Year) 06/21/2006	Director 10% Owner _X_ Officer (give title Other (specify below) VP, Research & Development		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAN DIEGO,	CA 92121		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(Stata)	(7in)				

(City)	(State) (Z	Zip) Table	e I - Non-Do	erivative S	ecurit	ies Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	06/21/2006		M	3,125	A	\$ 0.3	3,125	I	by Trust
Common Stock	06/21/2006		M	50,000	A	\$ 0.5	53,125	I	by Trust
Common Stock							15,950	D	

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

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number.

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 orDerivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
Incentive Stock Option (right to buy)	\$ 0.3	06/21/2006		M	3,125	04/17/2003(1)	04/17/2012	Common Stock	3,12:
Incentive Stock Option (right to buy)	\$ 0.5	06/21/2006		M	50,000	01/30/2004(3)	01/30/2013	Common Stock	50,00

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Brauker James H 5555 OBERLIN DRIVE SAN DIEGO, CA 92121

VP, Research & Development

Signatures

James H. 06/22/2006 Brauker

**Signature of
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Date

- ** 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 remaining option shares vest and become exercisable in pro rata monthly installments through April 17, 2006.
- (2) Not applicable
- The option vests and becomes exercisable with respect to 25% of the shares one year after the vesting commencement date of January 30, 2003 and thereafter continues to vest and become exercisable as to 1/36th of the remaining shares each month thereafter.

Reporting Owners 2

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