Lucas Donald A Form 4 August 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287 Number:

January 31, Expires:

OMB APPROVAL

2005 Estimated average 0.5

burden hours per response...

5. Relationship of Reporting Person(s) to

Issuer

973,182

I

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations

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

2. Issuer Name and Ticker or Trading

Symbol

See Instruction

1. Name and Address of Reporting Person *

1(b).

(Print or Type Responses)

Lucas Donald A

Stock

Stock

Common

may continue.

				DEXCOM INC [DXCM]			(Check all applicable)						
	(Last) C/O RWI C	(First)	(Middle) AGE MILL	(Month/I	Day/Yea		ransaction			X Director Officer (giv below)	1()% Owner ther (specify	
				mendment, Date Original Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
PALO ALTO, CA 94304										Form filed by More than One Reporting Person			
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									ally Owned				
	1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year		Date, if	3. Transa Code (Instr.	8)	4. Securin (A) or Di (Instr. 3,	spose	d of (D)	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	08/16/2005			A		98	A	\$ 10.25	6,875	D		
	Common Stock									76,401	I	By Pronghorn Ventures IV, LLC (1)	
	Common									121,646	I	By RWI Group III,	

L.P. (2)

By RWI

Group III,

L.P. $^{(2)}$

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Owne 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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of
Derivativ	e Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)
	Derivative				Securities	;		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date Exercisable	Expiration Date		Number	
								Title	of	
				Code V	(A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Lucas Donald A C/O RWI GROUP 835 PAGE MILL ROAD PALO ALTO, CA 94304	X						

Signatures

/s/ Donald A.
Lucas

**Signature of Reporting Person

O8/18/2005

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 Reporting Person is a Managing Member and disclaims beneficial ownership of these shares except to his pecuniary interest therein.
- The Reporting Person is a founding managing director of RWI Group (RWI). As a founding managing director, the reporting person (2) shares voting and investment power of the shares held by RWI Group III, L.P. and RWI Group IV, L.P. which are affiliated with RWI. The reporting person disclaims beneficial ownership of these shares except to his pecuniary interest therein.

Reporting Owners 2

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Remarks:

(If there is a confirming statement or power of attorney, information should go here.)

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.