Lucas Donald A Form 4 August 29, 2006

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

Estimated average burden hours per

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response... 0.5

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *
Lucas Donald A

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last) (First) (Middle) DEXCOM INC [DXCM] 3. Date of Earliest Transaction

(Check all applicable)

2440 SAN HILL RD., SUITE 100

(Street)

(State)

(Zip)

(Month/Day/Year)

_X__ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

08/28/2006

4. If Amendment, Date Original

Applicable Line)

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

Filed(Month/Day/Year)

MENLO PARK, CA 94025

(City)

Table I - Non-Derivative	Committee A commed	Diamond of or	Donoficially Owned

Person

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (Instr.		4. Securin(A) or Di (Instr. 3,	ispose 4 and (A) or	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	08/28/2006		D		80	D	\$ 22.04	408	I	RWI Ventures Service Co. L.L.C.
Common Stock	08/28/2006		D	V	45	D	\$ 22.3	363	I	RWI Ventures Service Co. L.L.C.
Common Stock	08/28/2006		D	V	363	D	\$ 13.79	0	I	RWI Ventures

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									Service Co. L.L.C.
Common Stock	08/28/2008	A	V	80	A	\$ 22.04	793,570	I	RWI Ventures I, L.P. (1)
Common Stock	08/28/2006	A	V	45	A	\$ 22.3	793,615	I	RWI Ventures I, L.P. (1)
Common Stock	08/28/2006	A	V	363	A	\$ 13.79	793,978	I	RWI Ventures I, L.P. (1)
Common Stock							60,823	I	RWI Group III, L.P. (2)
Common Stock							17,977	D	

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. Transac Code (Instr. 8	ctionNumber of			ate	7. Title and A Underlying S (Instr. 3 and 4	ecurities
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 12						(3)	04/15/2015	Common Stock	25,000
Stock Option (Right to	\$ 20.38						<u>(4)</u>	04/13/2016	Common Stock	10,000

8. Price Deriva Securit (Instr. Buy)

Stock

Option (Right to \$21.81

Buy)

(4) 06/15/2016 Common Stock 10,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lucas Donald A 2440 SAN HILL RD. SUITE 100 MENLO PARK, CA 94025

Signatures

/s/ Donald A. Ucas 08/28/2006

**Signature of Date

Reporting Person

Explanation of Responses:

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

X

- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations, See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- These securities were transferred from RWI Ventures Service Co., LLC to RWI Ventures I, L.P. without consideration. The reporting (1) person is a managing member of RWI Ventures I, L.P. and disclaims beneficial ownership of these shares except to his pecuniary interest therein.
- The Reporting Person is a Managing Director of RWI Ventures (RWI). As a Managing Director, the Reporting Person shares voting and investment power of the shares held by RWI Group III L.P. and RWI Ventures I L.P., which are affiliated with RWI. The Reporting Person disclaims beneficial ownership of these shares except to his pecuniary interest therein.
- The option vests and becomes exercisable with respect to 1/3rd of the shares one year after the date of grant and thereafter continues to vest and become exercisable as to 1/36th of the remaining shares each month thereafter (with the shares being fully vested on the 3rd anniversary of the date of grant).
- (4) The option vests and becomes exercisable as to 1/36th each month beginning one month following the date of grant and becomes fully vested on the third anniversary of the date of grant.

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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