Darkin Donald Form 4 May 05, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

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

may continue. See Instruction

obligations

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Darkin Donald

2. Issuer Name and Ticker or Trading Symbol

RESMED INC [RMD]

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

9001 SPECTRUM CENTER BLVD

(Street)

05/03/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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

Sr. Vice President, Pat Inter

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

SAN DIEGO, CA 92123

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative	Secu	rities Acquii	red, Disposed of,	or Beneficiall	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)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
ResMed Common Stock	05/03/2010		Code V M	Amount 7,500	(D)	Price \$ 40.68	7,500	D	
ResMed Common Stock	05/03/2010		S	7,500	D	\$ 68.2143	0	D	
ResMed Common Stock	05/03/2010		M	12,500	A	\$ 43.42	12,500	D	
ResMed Common	05/03/2010		S	12,500	D	\$ 68.0672	0	D	

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Stock					(3)		
ResMed Common Stock	05/03/2010	M	2,000	A	\$ 42.05	2,000	D
ResMed Common Stock	05/03/2010	S	2,000	D	\$ 68.1673	0	D
ResMed Common Stock	05/03/2010	M	2,500	A	\$ 43.35	2,500	D
ResMed Common Stock	05/03/2010	S	2,500	D	\$ 68.1395 (5)	0	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. Transaction Code (Instr. 8)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
ResMed Common Stock Options	\$ 40.68	05/03/2010		M		7,500	09/01/2007(1)	09/01/2016	ResMed Common Stock	7,500
ResMed Common Stock Options	\$ 43.42	05/03/2010		M		12,500	08/01/2008(1)	08/01/2014	ResMed Common Stock	12,50
ResMed Common Stock Options	\$ 42.05	05/03/2010		M		2,000	11/07/2008(1)	11/07/2014	ResMed Common Stock	2,000
	\$ 43.35	05/03/2010		M		2,500	10/01/2009(1)	10/01/2015		2,50

ResMed
Common
Stock
Options

ResMed
Common
Stock
Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Darkin Donald 9001 SPECTRUM CENTER BLVD SAN DIEGO, CA 92123

Sr. Vice President, Pat Inter

Signatures

Donald Darkin 05/04/2010

**Signature of 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) Represents first date options became exercisable.
- This transaction we executed in multiple trades at prices ranging from \$68.08 to \$68.47. The price reported above reflects the weighted (2) average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$68 to \$68.15. The price reported above reflects the weighted (3) average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$68.14 to \$68.20. The price reported above reflects the weighted (4) average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$68.09 to \$68.19. The price reported above reflects the weighted (5) average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.

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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