

FORM 4

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

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* Welch Derek Thomas		2. Issuer Name and Ticker or Trading Symbol ARRHYTHMIA RESEARCH TECHNOLOGY INC HRT /DE/		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director ____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) ____ Other (specify below) <u>Chief Financial Officer</u>					
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 1/20/2015						
405 NEW WEST TOWNSEND ROAD			4. If Amendment, Date Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person ____ Form filed by More than One Reporting Person				
(Street) LUNENBURG MA 01462									
(City)		(State)	(Zip)		Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned				
1. Title of Security (Instr. 3)	2. Trans- action Date (Month/ Day/ Year)	2A. Deemed Execution Date, if any (Month/ Day/ Year)	3. Trans- action Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Owner- ship (Instr. 4)
			Code	V	Amount	(A) or (D)			

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

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

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FORM 4 (continued)

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 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 of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
								Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
				Code	V	(A)	(D)								
Stock Option	\$7.74	1/20/2015	1/20/2015	A		10,000		1/20/2016	1/20/2025	Common Stock	10,000	\$7.74	10,000	D	
								(1)							

Explanation of Responses:

See attached "FOOTNOTES" page.

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations.
See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Derek T. Welch
** Signature of Reporting Person

1/22/2015
Date

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.

- 1 The option holder may exercise purchase rights for 2,000 shares on or after 01/20/2016, and 2,000 each on or after the anniversary date each year until 10,000 options are exercised.