

FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

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* Emma Salvatore Jr			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) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <u>PRESIDENT and CEO</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 8/18/2014					
20 LONGLEY 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 <input type="checkbox"/> Form filed by More than One Reporting Person		
(Street) SHIRLEY MA 01464								
(City)	(State)	(Zip)	Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	8/18/2014	8/18/2014	A		4,400	A	\$5.73	4,400	D	
Common Stock	8/19/2014	8/19/2014	A		1,600	A	\$5.73	6,000	D	
Common Stock	8/19/2014	8/19/2014	A		4,000	A	\$3.41	10,000	D	
Common Stock	8/19/2014	8/19/2014	A		3,000	A	\$2.58	13,000	D	
Common Stock	8/18/2014	8/18/2014	S		1,400	D	\$7.23	11,600	D	
Common Stock	8/18/2014	8/18/2014	S		600	D	\$7.235	11,000	D	
Common Stock	8/18/2014	8/18/2014	S		73	D	\$7.25	10,927	D	
Common Stock	8/18/2014	8/18/2014	S		100	D	\$7.285	10,827	D	

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

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			Code	V	Amount	(A) or (D)	Price			
Common Stock	8/18/2014	8/18/2014	S		200	D	\$7.33	10,627	D	
Common Stock	8/19/2014	8/19/2014	S		200	D	\$7.14	10,427	D	
Common Stock	8/19/2014	8/19/2014	S		160	D	\$7.15	10,267	D	
Common Stock	8/19/2014	8/19/2014	S		400	D	\$7.165	9,867	D	
Common Stock	8/19/2014	8/19/2014	S		100	D	\$7.17	9,767	D	
Common Stock	8/19/2014	8/19/2014	S		100	D	\$7.1975	9,667	D	
Common Stock	8/19/2014	8/19/2014	S		2,740	D	\$7.20	6,927	D	
Common Stock	8/19/2014	8/19/2014	S		1,500	D	\$7.205	5,427	D	

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1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	8/19/2014	8/19/2014	S		200	D	\$7.21	5,227	D	
Common Stock	8/19/2014	8/19/2014	S		3,100	D	\$7.22	2,127	D	
Common Stock	8/19/2014	8/19/2014	S		100	D	\$7.225	2,027	D	
Common Stock	8/18/2014	8/18/2014	S		600	D	\$7.185	1,427	D	
Common Stock	8/18/2014	8/18/2014	S		100	D	\$7.19	1,327	D	
Common Stock	8/18/2014	8/18/2014	S		400	D	\$7.20	927	D	
Common Stock	8/18/2014	8/18/2014	S		927	D	\$7.22	0.00	D	

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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	\$3.41	8/19/2014	8/19/2014	M			4,000	1/4/2011	1/4/2016	Common Stock	5,000	\$3.41	1,000	D (1)	
Stock Option	\$2.58	8/19/2014	8/19/2014	M			3,000	4/1/2014	4/1/2022	Common Stock	15,000	\$2.58	12,000	D (2)	
Stock Option	\$5.73	8/18/2014	8/18/2014	M			4,400	6/3/2012	6/3/2021	Common Stock	10,000	\$5.73	5,600	D (3)	
Stock Option	\$5.73	8/19/2014	8/19/2014	M			1,600	6/3/2012	6/3/2021	Common Stock	5,600	\$5.73	4,000	D (3)	

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.

Salvatore Emma Jr.
** Signature of Reporting Person

8/20/2014
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 1,000 shares on or after 1/4/2011, and 1,000 each on or after the anniversary date each year until 5,000 are exercised.
- 2 The option holder may exercise purchase rights for 3,000 shares on or after 4/1/2014, and 3,000 each on or after the anniversary date each year until 15,000 are exercised.
- 3 The option holder may exercise purchase rights for 2,000 shares on or after 6/3/2012, and 2,000 each on or after the anniversary date each year until 10,000 are exercised.