HAGELSTEIN DAVID A Form 3/A June 15, 2010 UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB APPROVAL** FORM 3 Washington, D.C. 20549 OMB

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

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response... Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> HAGELSTEIN DAVID A			2. Date of Event Requiring Statement (Month/Day/Year) 06/14/2010	3. Issuer Name and Ticker or Trading Symbol ROCKWELL MEDICAL TECHNOLOGIES INC [RMTI]				
(Last)	(First)	(Middle)	00/14/2010	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)	
36801 WOODWARD AVE, STE 313			(Check all applicable))	06/19/2009	
	(Street)			Director Officer (give title below	X 10% Othe w) (specify bel	r	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting	
BIRMINGHAM, MI 48009							Person Form filed by More than One Reporting Person	
(City)	(State)	(Zip)	Table I - N	Non-Derivat	ive Securit	ies Be	neficially Owned	
1.Title of Securi (Instr. 4)	ty		2. Amount or Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	•	
Common Sto	ck		1,278,568		D	Â		
Common Sto	ck		465,887		Ι	truste	ed by self and by self as ee of the David Hagelstein itable Remainder Unitrust	

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	

Reporting Owners

Reporting Owner Name / Address		Relationships					
		10% Owner	Officer	Other			
HAGELSTEIN DAVID A 36801 WOODWARD AVE STE 313 BIRMINGHAM, MI 48009	Â	ÂX	Â	Â			
Signatures							
DAVID A. HAGELSTEIN	06/15/201	0					
**Signature of Reporting Person	Date						

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).

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Remarks:

The reporting person was not a 10% owner from October 5, 2009, until June 14, 2010. Â This f

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.