

HAGELSTEIN DAVID A  
 Form 3/A  
 June 15, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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

(Print or Type Responses)

<p>1. Name and Address of Reporting Person *</p> <p>Â HAGELSTEIN DAVID A</p> <p>(Last) (First) (Middle)</p> <p>36801 WOODWARD AVE,Â STE 313</p> <p>(Street)</p> <p>BIRMINGHAM,Â MIÂ 48009</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>06/14/2010</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>ROCKWELL MEDICAL TECHNOLOGIES INC [RMTI]</p> <p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p>____ Director    <input checked="" type="checkbox"/> 10% Owner                  ____ Officer    ____ Other                  (give title below) (specify below)</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> <p>06/19/2009</p> <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person                  ____ Form filed by More than One Reporting Person</p>
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,278,568	D	Â
Common Stock	465,887	I	Owned by self and by self as trustee of the David Hagelstein Charitable 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 <small>(Month/Day/Year)</small>	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HAGELSTEIN DAVID A 36801 WOODWARD AVE STE 313 BIRMINGHAM, MI 48009	^	^ X	^	^

## Signatures

DAVID A. HAGELSTEIN	06/15/2010
<small>**Signature of Reporting Person</small>	<small>Date</small>

## 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. This form

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.