

MASSMUTUAL PARTICIPATION INVESTORS  
 Form 3  
 October 25, 2007

**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)

1. Name and Address of Reporting Person * Â Syracuse Maleyne M. (Last) (First) (Middle) 1500 MAIN STREET,Â P O BOX 15189 (Street) SPRINGFIELD,Â MAÂ 01115 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/19/2007	3. Issuer Name and Ticker or Trading Symbol MASSMUTUAL PARTICIPATION INVESTORS [MPV]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ___ Director ___ 10% Owner ___ Officer ___X___ Other (give title below) (specify below) Trustee	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) ___X___ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
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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)
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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)**

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

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Syracuse Maleyne M. 1500 MAIN STREET P O BOX 15189 SPRINGFIELD, MA 01115	Â	Â	Â	Trustee

## Signatures

By: Sara C. Stinson as  
Attorney-in-fact for

10/25/2007

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

### No securities are beneficially owned

\* 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).

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

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