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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| 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

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

# OMB APPROVAL OMB Number: 3235-0287

| Estimated average burden |  |     |
|--------------------------|--|-----|
| hours per response:      |  | 0.5 |

| 1. Name and Address of Reporting Person <sup>*</sup><br>AINSBERG ARTHUR S |            |            | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>AG Mortgage Investment Trust, Inc. [ MITT | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable) |  |                       |  |  |  |
|---|------------|------------|---|--|--|-----------------------|--|--|--|
|   |            | <u>5</u>   |   | X  | Director   | 10% Owner             |  |  |  |
| (  act)   | (Firct)    | (Middlo)   | 1   |  | Officer (give title below)                         | Other (specify below) |  |  |  |
| (Last) (First) (Middle)<br>C/O ANGELO, GORDON & CO., L.P.                 |            | ( <i>'</i> | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2013                                     |  | ,  |                       |  |  |  |
| 245 PARK AVI  | ENUE, 26TH | FLOOR      |   |  |  |                       |  |  |  |
| (Street)<br>NEW YORK  | NY         | 10167      | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | 6. Indi<br>Line)<br>X  | vidual or Joint/Group Fili<br>Form filed by One Re | porting Person        |  |  |  |
| (City)  | (State)    | (Zip)      | —   |  | Form filed by More th<br>Person                    | an One Reporting      |  |  |  |

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |      |   |                            |   | 3, 4 and                           | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | (D) or Indirect | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------|--|---|------|---|----------------------------|---|------------------------------------|---|-----------------|---|
|                                 |  |   | Code | v | Amount (A) or<br>(D) Price |   | Transaction(s)<br>(Instr. 3 and 4) |   | (               |   |
| Common Stock                    | 07/01/2013                                 |   | Α    |   | 265                        | Α | <b>\$18.81</b>                     | 765   | D               |   |

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of<br>Deriv<br>Secur<br>Acqu<br>(A) or<br>Dispo<br>of (D) | or<br>bosed<br>D)<br>r. 3, 4 |                     | 7. Title<br>Amour<br>Securi<br>Underl<br>Deriva<br>Securi<br>and 4) | nt of<br>ties<br>ying<br>tive<br>ty (Instr. 3 | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|---|---|--|---|------------------------------|---|---|------------------------------|---------------------|---|---|---|--|--|--|--|
|   |   |  |   | Code                         | v |   |                              | Date<br>Exercisable | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares              |  |  |  |  |

Explanation of Responses:

#### <u>/s/ Allan Krinsman, Attorneyin-Fact</u>

<u>y-</u> <u>07/01/2013</u>

\*\* Signature of Reporting Person Date

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).

\*\* 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.

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 Number.