FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. 20549 |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| | Check this box if no longer subject |
|--------|-------------------------------------|
| \Box | to Section 16. Form 4 or Form 5 |
| \cup | obligations may continue. See |
| | Instruction 1(b). |
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| | tion 1(b). | nuc. Sec | | Filed | | | | | | | es Exchang npany Act o | | f 1934 | | | nours | s per re | esponse: | 0.5 |
|---|---|--|---|------------------------|--|---|--|-----|--|------------------------------------|---------------------------|--|--------------------------------------|---|---|--|---|--|--|
| 1. Name and Address of Reporting Person* HESS DEBRA ANN | | | | | 2. Issuer Name and Ticker or Trading Symbol AG Mortgage Investment Trust, Inc. [MITT] | | | | | | | | | | ationship c all app Direc | licable) | ng Person(s) to I | | |
| (Last) (First) (Middle) | | | | | | - | | | | | | | | | Office belov | er (give title v) | | Other (: below) | specify |
| C/O ANGELO, GORDON & CO., L.P. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 10/03/2022 | | | | | | | | | | | | | | |
| 245 PARK AVENUE, 26TH FLOOR | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable | | | | | |
| (Street) NEW YORK NY 10167 | | | | | | | | | | | | | | Line) X | , | | | | |
| (City) | (St | ate) (2 | Zip) | | | | | | | | | | | | Perso | on | | | |
| | | Table | l - Nor | า-Deriva | tive S | Secui | rities | Acq | uired, | Dis | posed of | , or E | Benefi | cially | Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | Exec ay/Year) if an | | Deemed ecution Date, ny onth/Day/Year) | | | | es Acquired (A Of (D) (Instr. 3 | | 4 and Secur Bene Owne | | cially Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | | Code | v | Amount | (A) (D) | or Pri | се | Report Transa (Instr. 3 | action(s) 3 and 4) | | | (Instr. 4) |
| Common Stock 10/03/ | | | | | /2022 | | | A | | 4,739 | A : | | 0(1) | 31,891 | | | D | | |
| | | Tal | | | | | | | | | osed of, onvertib | | | | Owne | d | , | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Dee Execution if any (Month/ | | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable Expiration Date (Month/Day/Year) | | te | 7. Title and Amount of Securities Underlying Derivative Security (Ins 3 and 4) | | Der Sed (Ins | Price of rivative curity str. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | у | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | Code | v | (A) | (D) | Date Exercisa | able | Expiration Date | Title | Amoun or Numbe of Shares | er | | | | | |

Explanation of Responses:

Remarks:

/s/ Jenny B. Neslin, as Attorney-in-Fact

10/04/2022

** 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.

^{1.} Shares were granted to the reporting person in accordance with the Issuer's independent director compensation policy. The restricted shares are fully vested, but may not be sold or transferred during the reporting person's term of service on the Issuer's Board of Directors.