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

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): November 25, 2020 (November 24, 2020)

AG Mortgage Investment Trust, Inc.

(Exact name of registrant as specified in its charter)

Maryland

(State or other jurisdiction of incorporation)

001-35151

(Commission File Number)

27-5254382 (IRS Employer Identification No.)

245 Park Avenue, 26th floor New York, New York 10167 (Address of principal executive offices)

Registrant's telephone number, including area code: (212) 692-2000

Not Applicable

(Former Name or Address, if Changed Since Last Report)

| Check provisi | the appropriate box below if the Form 8-K is intended to simultations: | neously satisfy the filing obl | igation of the registrant under any of the following |
|--|---|--------------------------------|--|
| | Written communications pursuant to Rule 425 under the Securi | ities Act (17 CFR 230.425) | |
| | Soliciting material pursuant to Rule 14a-12 under the Exchange | e Act (17 CFR 240.14a-12) | |
| | Pre-commencement communications pursuant to Rule 14d-2(b |) under the Exchange Act (1 | 7 CFR 240.14d-2(b)) |
| | Pre-commencement communications pursuant to Rule 13e-4(c) | under the Exchange Act (1 | 7 CFR 240.13e-4(c) |
| Securi | ties registered pursuant to Section 12(b) of the Act: | | |
| - | Title of each class: | Trading Symbols: | Name of each exchange on which registered: |
| | Common Stock, \$0.01 par value per share | MITT | New York Stock Exchange (NYSE) |
| 8.25% Series A Cumulative Redeemable Preferred Stock | | MITT PrA | New York Stock Exchange (NYSE) |
| 8.00% Series B Cumulative Redeemable Preferred Stock | | MITT PrB | New York Stock Exchange (NYSE) |
| 8.00 | 0% Series C Fixed-to-Floating Rate Cumulative Redeemable Preferred Stock | MITT PrC | New York Stock Exchange (NYSE) |
| | e by check mark whether the registrant is an emerging growth co c) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12 | | 05 of the Securities Act of 1933 (§230.405 of this |
| Emergi | ing growth company \square | | |
| | merging growth company, indicate by check mark if the registrated financial accounting standards provided pursuant to Section 1 | | |
| | | | |

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On November 24, 2020, Raul E. Moreno gave written notice of his resignation from the positions of General Counsel and Secretary of AG Mortgage Investment Trust, Inc. (the "Company"), effective December 14, 2020. This resignation was not the result of any dispute or disagreement between Mr. Moreno and the Company. Mr. Moreno will remain with Angelo, Gordon & Co., L.P. ("Angelo Gordon"), the parent of the Manager, to provide transitional legal support for the Company in the first quarter 2021. Following the effective date of Mr. Moreno's resignation, Christopher D. Moore will serve as Acting General Counsel and Secretary of the Company. Mr. Moore is the General Counsel and Secretary of Angelo Gordon. The Manager has commenced a search for a permanent General Counsel and Secretary for the Company.

Item 9.01 Financial Statements and Exhibits.

| (d) Exhibits. Exhibit No. | Description |
|---|-------------|
| Cover Page Interactive Data File (formatted as Inline XBRL) | |
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| | |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: November 25, 2020 AG MORTGAGE INVESTMENT TRUST, INC.

By: /s/ BRIAN C. SIGMAN

Name: Brian C. Sigman

Title: Chief Financial Officer and Treasurer