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): February 11, 2021

AG Mortgage Investment Trust, Inc.

(Exact name of registrant as specified in its charter)

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 the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)

Securities registered pursuant to Section 12(b) of the Act:

Maryland

(State or other jurisdiction of incorporation)

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)
8.000% Series C Fixed-to-Floating Rate Cumulative Redeemable Preferred Stock	MITT PrC	New York Stock Exchange (NYSE)

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

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

(b)

On February 11, 2021, Alison Halpern stepped down from her role as Principal Accounting Officer of AG Mortgage Investment Trust, Inc. (the "Company"), in order to undertake other roles at the Company's affiliates. The transition was not the result of any dispute or disagreement between Ms. Halpern and the Company.

(c)

As previously reported on a Current Report on Form 8-K filed with the Securities and Exchange Commission (the "SEC") on December 31, 2020 (the "Prior 8-K"), the Board previously appointed Anthony W. Rossiello to serve in a temporary capacity as the acting Principal Accounting Officer of the Company.

On February 11, 2021, the Board acted to appoint Mr. Rossiello as the Principal Accounting Officer in a permanent capacity.

Mr. Rossiello's biographical and other information disclosed in Item 5.02 of the Prior 8-K is incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.	
Exhibit No.	Description
104	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: February 11, 2021

AG MORTGAGE INVESTMENT TRUST, INC.

By: /s/ CHRISTOPHER D. MOORE

Name: Christopher D. Moore Title: General Counsel and Secretary