FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. 20549 |
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| heck this box if no longer subject |
|------------------------------------|
| Section 16. Form 4 or Form 5 |
| bligations may continue. See |
| etruction 1(h) |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | |
|--------------------------|-----|--|--|--|--|--|--|
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| hours per response: | 0.5 | | | | | | |

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

| Name and Address of Reporting Person* Duncan Denis J. | | | | | 2. Issuer Name and Ticker or Trading Symbol CapStar Financial Holdings, Inc. [CSTR] | | | | | | | | | | k all app Direc | licable) | ng Person(s) to Issu 10% Own Other (spe | | wner |
|---|--|---|---------------------------------|-----------------------------|---|---|------------------------------|---|---------------------|---|--------------------|---------|---------------------------|--|--|---|--|---|------------|
| (Last) 1201 DE SUITE 7 | MONBRE | , | Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/14/2021 | | | | | | | | Λ | | celow) below) Chief Financial Officer | | | |
| (Street) NASHV | | | 37203 Zip) | | 4. If A | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | lividual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | |
| Date | | | 2. Transac Date (Month/Da | | Exec if any | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5) | | | | | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | v | Amount | (A) (D) | or Pr | ice | Transaction(s) (Instr. 3 and 4) | | | | (111501.4) |
| Common Stock ⁽¹⁾ 09/14 | | | | 09/14/2 | 2021 | | P | | 560 | A | . \$ | 21.55 | 63,000 | | | D | | | |
| Common Stock ⁽²⁾ | | | | | | | | | | | | | | | 817 | | D | | |
| Common Stock ⁽³⁾ | | | | | | | | | | | | | | 3,168 | | | D | | |
| Common Stock ⁽⁴⁾ | | | | | | | | | | | | | 403 | | | I | By 401(K) Plan | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | |
| Derivative Conversion Date Execution Date, Security or Exercise (Month/Day/Year) if any | | | | Transaction Code (Instr. | | vative vrities vired r osed) r. 3, 4 | 6. Date Expirat (Month | ion Da | | 7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4) | | | | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | у | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | | (A) | (D) | Date Exercisable | | Expiration Date | Title | or Numb of Share | | | | | | |

Explanation of Responses:

- 1. The purchases reported in this Form 4 were purchased in multiple transactions all at \$21.55 per share. The reporting person undertakes to provide to CapStar Financial Holdings, Inc., any security holder of CapStar Financial Holdings, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased in each transaction being
- 2. The reported item represents an award of restricted stock, which vests in two approximately equal installments on December 31, 2021, and December 31, 2022.
- 3. The reported item represents an award of restricted stock, which vests in three approximately equal installments on December 31, 2021, December 31, 2022, and December 31, 2023.
- 4. he reported item reflects the reporting person's interest in equivalent shares held by the unitized stock fund in the issuer's 401(k) plan ("Plan"). The unitized stock fund consists of approximately 95% of the issuer's common stock and approximately 5% cash or cash equivalents. The number of shares attributed to the reporting person as a Plan participant and expressed as equivalent shares has been calculated based on the \$21.58 closing price of the issuer's common stock as of September 13, 2021 and may change from time to time without the volition of the reporting person depending on the fair market value of the issuer's common stock and the amount of cash in the fund.

Remarks:

/s/ Denis J. Duncan

09/14/2021

** 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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Timothy K. Schools, Jeff Moody and Brent Binns, or either of them signing singly, and with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

- (1) to the extent necessary, prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 or any rule or regulation of the SEC
- (2) execute for and on behalf of the undersigned, in the undersigned's capacity as beneficial owner of securities of CapStar Financial Holdings, Inc. (the "Company"), Form 144, 3, 4, 5 and any Schedules 13D or 13G in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder
- (3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 144, 3, 4, 5 and any Schedules 13D or 13G, complete and execute any amendment or amendments thereto, and timely file any such form with the SEC and any stock exchange or similar authority, including completing and executing a Uniform Application for Access Codes to File on Edgar on Form ID and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Form 144, 3, 4, 5 and any Schedules 13D or 13G with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 10th day of August, 2021.

/s/ Denis J. Duncan

Name: Denis J. Duncan

Title: Chief Financial Officer