| SEC Form 4 |  |
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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject<br>to Section 16. Form 4 or Form 5<br>obligations may continue. See<br>Instruction 1(b). |
|--|
| Instruction 1(d).  |

## 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 Ferson |            |          | 2. Issuer Name and Ticker or Trading Symbol<br>Hanover Bancorp, Inc. /NY [HNVR] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                                 |                       |  |  |  |
|---|------------|----------|---|---|---------------------------------|-----------------------|--|--|--|
| PUORRO MICHAEL P                        |            | 2        | <u>multitude Builderp, me. ////</u> [metric]                                    | X   | Director                        | 10% Owner             |  |  |  |
| (Last)                                  | (First)    | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)                                | - x   | Officer (give title below)      | Other (specify below) |  |  |  |
| C/O HANOVER BANCORP, INC.               |            |          | 01/24/2023  |   | Chairman & CEO                  |                       |  |  |  |
| 80 EAST JER                             | ICHO TURNP | IKE      |   |   |                                 |                       |  |  |  |
| (Street)                                |            |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                        | 6. Indi<br>Line)  | vidual or Joint/Group Fili      | ing (Check Applicable |  |  |  |
| MINEOLA                                 | NY         | 11501    |   | X   | Form filed by One Re            | porting Person        |  |  |  |
| ,                                       |            |          |   |   | Form filed by More th<br>Person | an One Reporting      |  |  |  |
| (City)                                  | (State)    | (Zip)    |   |   |                                 |                       |  |  |  |

## 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) |   |        |               |       |                                    | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 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) |   | (1130. 4)   |   |
| Common Stock                    | 01/24/2023                                 |   | A |        | 9,445(1)      | Α     | \$ <mark>0</mark>                  | 265,988   | 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 | r<br>osed<br>)<br>:. 3, 4 | Expiration Date                     |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |  | 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 | (A) (D)     |                           | Date Expiration<br>Exercisable Date |  | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |

Explanation of Responses:

1. Represents a grant of restricted stock subject to forfeiture, vesting over a five year period, with 1/5 vesting on each of February 20, 2024, February 20, 2025, February 20, 2026, February 20, 2027, and February 20, 2028.

## /s/ Gregory Krauss, POA

\*\* Signature of Reporting Person

01/26/2023

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.