## FORM 4

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

| OMB APPROVAL             |           |  |  |  |  |
|--------------------------|-----------|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |
| Estimated average burden |           |  |  |  |  |
| ours per respons         | se 0.5    |  |  |  |  |

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

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (Print or Ty  | pe Responses  | s)               |                                      |          |   |  |         |   |                                       |                               |  |  |   |   |  |                         |  |
|---|---|------------------|--------------------------------------|----------|---|--|---------|---|---------------------------------------|-------------------------------|--|--|---|---|--|-------------------------|--|
| 1. Name and Address of Reporting Person * SIERING THOMAS        |   |                  |                                      |          | 2. Issuer Name and Ticker or Trading Symbol<br>Two Harbors Investment Corp. [TWO]           |  |         |   |                                       |                               |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_Director 10% Owner  |   |  |                         |  |
| TWO HARBORS INVESTMENT CORP., 601<br>CARLSON PARKWAY, SUITE 330 |   |                  |                                      |          | 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2011                                 |  |         |   |                                       |                               |  | XOr                                    | X_Officer (give title below) Other (specify below)  CEO, President  |   |  |                         |  |
| (Street)  |   |                  |                                      | 4. If    | 4. If Amendment, Date Original Filed(Month/Day/Year)  |  |         |   |                                       |                               |  | _X_ Form                               | 6. Individual or Joint/Group Filing(Check Applicable Line)X_Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |                         |  |
| MINNETONKA, MN 55305 (City) (State) (Zip)                       |   |                  |                                      |          | Table I No. D. J. d. G. Jill  |  |         |   |                                       |                               |  |  |   |   |  |                         |  |
|   |   | . ,              | 1                                    | 124 5    | Table I - Non-Derivative Securities Acqui  2A. Deemed 3. Transaction 4. Securities Acquired |  |         |   |                                       |                               |  |  | , 1   |   |  |                         |  |
| 1.Title of Security (Instr. 3)                                  |   |                  | 2. Transaction Date (Month/Day/Year) | Execu    | ution Date, i   | Code (Instr. 8)  |         | (A) or Disposed of (Instr. 3, 4 and 5)  |                                       | d of (D                       | Benefi<br>Report                           | cially Owned<br>ed Transaction         | l Following   | Form:   | 7. Nature of Indirect Beneficial               |                         |  |
|   |   |                  |                                      | (IVIOII  | nth/Day/Year  |  | Code    | V                                       | Amou                                  | (A)<br>or<br>(D)              | Pric                                       |  | str. 3 and 4)   |   | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | Ownership<br>(Instr. 4) |  |
| Common Stock, par value \$0.01 per share 02/16/20               |   | 02/16/2011       |                                      |          |   | P  | •       | 30,00                                   |                                       | \$<br>10.6                    |  | 155,000                                |   | D   |  |                         |  |
| Reminder:   | Report on a s   | separate line fo | r each class of secu                 | - Deri   | vative Secur  | rities .   | Acqui   | Person the fred, I                      | sons w<br>tained<br>form d<br>Dispose | who responded in this isplays | form as a cur                              | are not re<br>rently val<br>cially Own | id OMB co   | nformation<br>espond unles<br>ntrol number  | s  | 1474 (9-02              |  |
| 1. Title of   | 2   | 3. Transaction   | n 3A. Deemed                         | <u> </u> | 4.  | 5.   | ants, c | •                                       | ite Exer                              |                               |  | Title and                              | 8 Price of  | 9. Number of  | 10.  | 11. Natur               |  |
|   | Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security |                  | Execution D                          | ate, if  | Transaction<br>Code   | Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) |         | and Expiration Date<br>(Month/Day/Year) |                                       | Ar<br>Ur<br>Se                | mount of inderlying scurities instr. 3 and | Security (Instr. 5)                    | Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4)                                  | Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) |  |                         |  |
|   |   |                  |                                      |          | Code V  | (A)  | (D)     | Date<br>Exerc                           |                                       | Expirati<br>Date              | ion Tit                                    | Amoun or Numbe of Shares               |   |   |  |                         |  |

#### **Reporting Owners**

| Denouting Owney Name / Adduces   | Relationships |           |                |       |  |  |  |
|--|---------------|-----------|----------------|-------|--|--|--|
| Reporting Owner Name / Address   |               | 10% Owner | Officer        | Other |  |  |  |
| SIERING THOMAS<br>TWO HARBORS INVESTMENT CORP.<br>601 CARLSON PARKWAY, SUITE 330<br>MINNETONKA, MN 55305 | X             |           | CEO, President |       |  |  |  |

### **Signatures**

| /s/ Thomas Siering              | 02/18/2011 |  |  |  |  |
|---------------------------------|------------|--|--|--|--|
| **Signature of Reporting Person | Date       |  |  |  |  |

#### **Explanation of Responses:**

- \* 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).
- (1) Per share price reflects the weighted average price paid. The shares were purchased in multiple transactions at prices ranging from \$10.59 to \$10.60. The reporting person undertakes to provide, upon request, full information regarding the shares purchased in such transactions.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.