

WADDELL FREDERICK H  
 Form 4  
 December 15, 2010

**FORM 4**

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

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**WADDELL FREDERICK H**

2. Issuer Name and Ticker or Trading Symbol  
**NORTHERN TRUST CORP  
 [NTRS]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**50 S. LA SALLE STREET**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**12/14/2010**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**CEO and President**

**CHICAGO, IL 60603**  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/14/2010		M <sup>(1)</sup>	2,461 A	\$ 53.665	65,818	I By Trust
Common Stock	12/14/2010		S <sup>(1)</sup>	2,461 D	\$ 55	63,357	I By Trust
Common Stock <sup>(2)</sup>						184,905	D
Common Stock						120	D
Common Stock						10,940	I By Spouse

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Common Stock	40,000	I	GRAT
Common Stock	30,194 <sup>(3)</sup>	I	401(k)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
*(e.g., puts, calls, warrants, options, convertible securities)*

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (right-to-buy)	\$ 53.665	12/14/2010		M <sup>(1)</sup>	2,461	02/19/2005 02/19/2012	Common stock	2,461

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WADDELL FREDERICK H 50 S. LA SALLE STREET CHICAGO, IL 60603	X		CEO and President	

### Signatures

Paul A. Bernacki Attorney-in-Fact for Frederick H. Waddell  
 12/15/2010  
 \*\*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).

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- (1) These transactions were made pursuant to a written plan adopted in accordance with SEC Rule 10b5-1.
- (2) Represents stock units payable automatically on a 1-for-1 basis in shares of the Corporation's common stock.
- (3) as of 9-30-10

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.