

NORTHERN TRUST CORP
 Form 4
 July 24, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 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, 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 ST.
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
07/20/2007

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

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)
			Code	V Amount (A) or (D) Price			
Common Stock	07/20/2007		M	21,110 A \$ 34.5938	134,686	I	By Trust
Common Stock	07/20/2007		F	3,920 D \$ 65.345	130,766	I	By Trust
Common Stock					751	I	By Son
Common Stock					751	I	By Son
Common Stock					864	D	

Common Stock	14,475	I	By Spouse
Common Stock <u>(1)</u>	75,286	D	
Common Stock	28,317 <u>(2)</u>	I	401(k)

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

SEC 1474
(9-02)

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 control number.

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 Underlying Securities (Instr. 3 and 4)
Employee Stock Option (right-to-buy)	\$ 34.5938	07/20/2007		M	21,110	09/15/2000 09/15/2008	Common Stock 21,

Reporting Owners

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

Signatures

Paul A. Bernacki Attorney-in-Fact for Frederick H. Waddell	07/24/2007
---	------------

 **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) Represents stock units payable automatically on a 1-for-1 basis in shares of the Corporation's common stock.

(2) as of 6/30/07

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.