

VANGUARD INDEX FUNDS

Form SC 13G/A

February 14, 2007

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 4)

The Vanguard Group  
(Name of Issuer)

Information Technology VIPERs  
(Title of Class of Securities)

92204A702  
(CUSIP Number)

Check the following box if a fee is being paid with this statement [ ].

CUSIP No. 92204A702

13G

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1

Name of Reporting Person  
S.S. or I.R.S. Identification No. of above person

|                                  |            |
|----------------------------------|------------|
| Northern Trust Corporation       | 36-2723087 |
| The Northern Trust Company       | 36-1561860 |
| Northern Trust, NA               | 36-3190871 |
| Northern Trust Investments, N.A. | 36-3608252 |

2

Check the appropriate box if a member of a group

Not Applicable (a) [ ]  
(b) [ ]

3

S.E.C. use only

4

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Citizenship or place of organization

Northern Trust Corporation--a Delaware corporation with principal offices  
in Chicago, Illinois

Number of Shares Beneficially Owned by each reporting person with

5

Sole Voting Power

176,185

6

Shared Voting Power

965

7

Sole Dispositive Power

169,375

8

Shared Dispositive Power

14,731

9

Aggregate amount beneficially owned by each reporting person

184,106

10

Check box if the aggregate amount in Row (9) excludes certain shares.

Not Applicable

11

Percent of class represented by amount in Row 9

3.91

12

Type of reporting person

Northern Trust Corporation HC

SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

SCHEDULE 13G UNDER THE SECURITIES EXCHANGE ACT OF 1934

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Check the following box if a fee is being paid with statement [ ].

1.       (a)       The Vanguard Group  
              (Name of Issuer)  
  
              (b)       Post Office Box 2900, Valley Forge, PA 19482-2900  
                      (Address of Issuer's Principal Executive Office)
2.       (a)       Northern Trust Corporation  
              (Name of Person Filing)  
  
              (b)       50 South LaSalle Street, Chicago, Illinois 60675  
                      (Address of Person Filing)  
  
              (c)       U.S. (Delaware Corporation)  
                      (Citizenship)  
  
              (d)       Information Technology VIPERs  
                      (Title of Class of Securities)  
  
              (e)       92204A702  
                      (CUSIP Number)
3.       This statement is being filed by Northern Trust Corporation as a  
Parent Holding Company in accordance with S240.13d-1(b) (1) (ii) (G).
4.       (a)       184,106  
              (Amount Beneficially Owned)  
  
              (b)       3.91  
              (Percent of Class)  
  
              (c)       Number of shares as to which such person has:  
  
                      (i)       176,185  
                              (Sole Power to Vote or to Direct the Vote)  
  
                      (ii)       965  
                              (Shared Power to Vote or to Direct the Vote)  
  
                      (iii)       169,375  
                              (Sole Power to Dispose or Direct Disposition)  
  
                      (iv)       14,731  
                              (Shared Power to Dispose or Direct Disposition)
5.       If this statement is being filed to report the fact that as of the date  
hereof the reporting person has ceased to be the beneficial owner of more than  
5 percent of the class of securities, check the following: [ X ]
6.       Statement regarding ownership of 5 percent or more on behalf of another  
person:
7.       Parent Holding Company reporting on behalf of the following subsidiaries,  
all of which are banks as defined in Section 3(a) (6) of the Act:

The Northern Trust Company

Northern Trust Investments, N.A.

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50 South LaSalle Street  
Chicago, IL 60675

50 South LaSalle Street  
Chicago, IL 60675

Northern Trust N.A.  
700 Brickell Avenue  
Miami, FL 33131

8. Identification and Classification of Members of the Group.

Not Applicable.

9. Notice of Dissolution of Group.

Not Applicable.

10. By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

NORTHERN TRUST CORPORATION

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By: Orie L. Dudley

DATED: 02-08-2007

Title:Executive Vice President and Chief Investment Officer

EXHIBIT TO SCHEDULE 13G AMENDMENT  
FILED BY NORTHERN TRUST CORPORATION

Securities and Exchange Commission  
450 Fifth Street, N.W.  
Washington, DC 20549-1004  
Attention: Filing Desk, Stop 1-4

RE: Vanguard Information Technology VIPERs

Pursuant to the requirement of 240.13d-1(k) (1) (iii), this exhibit shall constitute our written agreement that the Schedule 13G to which this exhibit is attached is filed on behalf of Northern Trust Corporation and of its subsidiary(ies), as stated below, regarding our respective beneficial ownership in the above-captioned equity security.

NORTHERN TRUST CORPORATION

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By: Orie L. Dudley

DATED: 02-08-2007

Title:Executive Vice President and Chief Investment Officer

THE NORTHERN TRUST COMPANY  
NORTHERN TRUST INVESTMENTS, N.A.

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By: Orie L. Dudley

Title: Executive Vice President and Chief Investment Officer

NORTHERN TRUST NA

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By: Quentin C. Johnson

As its Authorized Representative