VANGUARD INDEX FUNDS Form SC 13G/A May 10, 2005 SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549 SCHEDULE 13G Under the Securities Exchange Act of 1934 (Amendment No. 1) 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 Page 2 of 7 Pages 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 Bank, NA 86-0377338 Northern Trust Bank of California, NA 94-2938925 Northern Trust Bank of Florida, NA 36-3190871 Northern Trust Bank of Texas, NA 75-1999849 Northern Trust Investments, N.A. 36-3608252 Northern Trust Bank, FSB 38-3424562 2 Check the appropriate box if a member of a group Not Applicable (a) [] (b) []

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S.E.C. use only
 4
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
       216,110
  6
Shared Voting Power
       2,555
 7
Sole Dispositive Power
       187,485
 8
Shared Dispositive Power
       34,870
  9
Aggregate amount beneficially owned by each reporting person
       223,455
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
       37.24
12
Type of reporting person
       Northern Trust Corporation HC
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SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

SCHEDULE 13G UNDER THE SECURITIES EXCHANGE ACT OF 1934

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) 223,455 (Amount Beneficially Owned)
 - (b) 37.24 (Percent of Class)

(c) Number of shares as to which such person has:

- (i) 216,110 (Sole Power to Vote or to Direct the Vote)
- (ii) 2,555
 (Shared Power to Vote or to Direct the Vote)
- (iii) 187,485
 (Sole Power to Dispose or Direct Disposition)
- (iv) 34,870
 (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: []

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 Bank N.A. 50 South LaSalle Street 2398 East Camelback Road Chicago, IL 60675 Phoenix, AZ 85016 Northern Trust Bank of California N.A. Northern Trust Bank of Florida N.A. 355 South Grand Avenue, Suite 2600 700 Brickell Avenue Los Angeles, CA 90071 Miami, FL 33131 Northern Trust Bank of Texas N.A. Northern Trust Investments, N.A. 2020 Ross Avenue 50 South LaSalle Street Chicago, IL 60675 Dallas, TX 75201 Northern Trust Bank, FSB 10 West Long Lake Road

8. Identification and Classification of Members of the Group.

Not Applicable.

9. Notice of Dissolution of Group.

Bloomfield Hills, MI 48304

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

By: Orie L. Dudley

DATED: 05-05-2005

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

By: Orie L. Dudley

DATED: 05-05-2005 Title:Executive Vice President and Chief Investment Officer

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

By: Orie L. Dudley Title: Executive Vice President and Chief Investment Officer

NORTHERN TRUST BANK, NA NORTHERN TRUST BANK OF CALIFORNIA, NA NORTHERN TRUST BANK OF FLORIDA, NA NORTHERN TRUST BANK OF TEXAS, NA

By: Quentin C. Johnson As its Authorized Representative

NORTHERN TRUST BANK, FSB

By: Brian J. Hofmann As its Authorized Representative