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**UNITED STATES
 SECURITIES AND EXCHANGE COMMISSION**
 Washington, D.C. 20549
FORM 19b-4(e)

Information Required of a Self-Regulatory Organization Listing and Trading a New
 Derivative Securities Product Pursuant to Rule 19b-4(e) Under the Securities Exchange Act of 1934

READ ALL INSTRUCTIONS PRIOR TO COMPLETING FORM

Part I Initial Listing Report

1. Name of Self-Regulatory Organization Listing New Derivative Securities Product:

NYSE Arca, Inc.

2. Type of Issuer of New Derivative Securities Product (e.g., clearinghouse, broker-dealer, corporation, etc.):

Open-end Management Investment Company

3. Class of New Derivative Securities Product:

Investment Company Units

4. Name of Underlying Instrument:

MSCI US Broad Market Index

5. If Underlying Instrument is an Index, State Whether it is Broad-Based or Narrow-Based:

Broad-Based

6. Ticker Symbol(s) of New Derivative Securities Product:

VTI

7. Market or Markets Upon Which Securities Comprising Underlying Instrument Trades:

New York Stock Exchange, Nasdaq Stock Market, NYSE Alternext US

8. Settlement Methodology of New Derivative Securities Product:

Regular way trades settle on T+3/Book entry only held in DTC.

9. Position Limits of New Derivative Securities Product (if applicable):

Not applicable.

Part II Execution

The undersigned represents that the governing body of the above-referenced Self-Regulatory Organization has duly approved, or has duly delegated its approval to the undersigned for, the listing and trading of the above-referenced new derivative securities product according to its relevant trading rules, procedures, surveillance programs and listing standards.

Name of Official Responsible for Form:

Mary Yeager

PROCESSED

Title:

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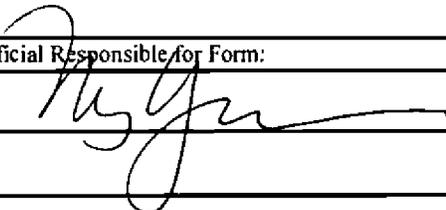
Corporate Secretary

THOMSON REUTERS

Telephone Number:

(212) 656-2062

Manual Signature of Official Responsible for Form:



November 19, 2008

Act Securities Exchange Act of 1934

Section 19b-4

Rule 19b-4(e)

Public Availability: NOV 21 2008

Mary Yeager
Corporate Secretary

NYSE Arca, Inc.
11 Wall Street
New York, NY 10005



NYSE Arca

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Via Overnight Mail

November 20, 2008

Ms. Gail Jackson
US Securities and Exchange Commission
Division of Market Regulation
Station Place – Building I
100 F Street, N.E. – Room 6628
Washington, DC 20549

Act	Securities Exchange Act of 1934
Section	19b-4
Rule	19b-4(e)
Public Availability:	NOV 21 2008

Re: Form 19b-4(e) – Vanguard World Funds, Vanguard Index Funds, Vanguard Specialized Funds and Vanguard International Equity Index Funds

Dear Ms. Jackson:

Enclosed for filing pursuant to Section 19(b) of the Securities Exchange Act of 1934 and Rule 19b-4 thereunder, please find an original and nine copies of Form 19b-4(e) with respect to the following securities:

- Vanguard World Funds, Vanguard Materials ETF (Ticker Symbol VAW);
- Vanguard World Funds, Vanguard Consumer Discretionary ETF (Ticker Symbol VCR);
- Vanguard World Funds, Vanguard Consumer Staples ETF (Ticker Symbol VDC);
- Vanguard World Funds, Vanguard Energy ETF (Ticker Symbol VDE);
- Vanguard World Funds, Vanguard Financials ETF (Ticker Symbol VFH);
- Vanguard World Funds, Vanguard Information Technology ETF (Ticker Symbol VGT);
- Vanguard World Funds, Vanguard Health Care ETF (Ticker Symbol VHT);
- Vanguard World Funds, Vanguard Industrials ETF (Ticker Symbol VIS);
- Vanguard World Funds, Vanguard Telecommunication Services ETF (Ticker Symbol VOX);
- Vanguard World Funds, Vanguard Utilities ETF (Ticker Symbol VPU);
- Vanguard Index Funds, Vanguard Small-Cap ETF (Ticker Symbol VB);
- Vanguard Index Funds, Vanguard Small-Cap Growth ETF (Ticker Symbol VBK);
- Vanguard Index Funds, Vanguard Small-Cap Value ETF (Ticker Symbol VBR);
- Vanguard Index Funds, Vanguard Total Stock Market ETF (Ticker Symbol VTI);
- Vanguard Index Funds, Vanguard Mid-Cap ETF (Ticker Symbol VO);
- Vanguard Index Funds, Vanguard Value ETF (Ticker Symbol VTV);
- Vanguard Index Funds, Vanguard Growth ETF (Ticker Symbol VUG);
- Vanguard Index Funds, Vanguard Large-Cap ETF (Ticker Symbol VV);

Gail Jackson
Division of Market Regulation
November 20, 2008
Page 2 of 2

- Vanguard Index Funds, Vanguard Extended Market ETF (Ticker Symbol VXF);
- Vanguard Specialized Funds, Vanguard REIT ETF (Ticker Symbol VNQ);
- Vanguard International Equity Index Funds, Vanguard Emerging Markets ETF (Ticker Symbol VWO);
- Vanguard International Equity Index Funds, Vanguard European ETF (Ticker Symbol VGK); and
- Vanguard International Equity Index Funds, Vanguard Pacific ETF (Ticker Symbol VPL).

If you have any questions, please do not hesitate to call me at (212) 656-2062.

Sincerely,



Enclosures

Cc: Tim Malinowski (NYSE Euronext)

END