

ING GLOBAL EQUITY DIVIDEND & PREMIUM OPPORTUNITY FUND
Form N-Q
July 28, 2009

OMB APPROVAL

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

**Quarterly Schedule of Portfolio Holdings of Registered
Management Investment Company**

Investment Company Act file number: 811-21553

**ING Global Equity Dividend and Premium Opportunity
Fund**

(Exact name of registrant as specified in charter)

7337 East Doubletree Ranch Rd., Scottsdale, AZ 85258
(Address of principal executive offices) (Zip code)

Huey P. Falgout, Jr., 7337 East Doubletree Ranch Road, Scottsdale, AZ 85258

(Name and address of agent for service)

Registrant's telephone number, including area code: 1-800-992-0180

Date of fiscal year end: February 28

Date of reporting period: May 31, 2009

Item 1. Schedule of Investments

The schedules of investments as of the close of the reporting period are set forth below for:

ING Global Equity Dividend and Premium Opportunity Fund

The schedules are not audited.

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited)

| Shares | | Value |
|----------------------------|--|-------------------|
| COMMON STOCK: 93.6% | | |
| | Australia: 5.7% | |
| 1,401,300 | Australia & New Zealand Banking Group Ltd. | \$ 18,111,965 |
| 1,803,430 | Foster s Group Ltd. | 7,121,079 |
| 4,039,934 | Insurance Australia Group | 11,881,315 |
| 4,876,568 | Macquarie Airports Management Ltd. | 8,283,260 |
| 2,269,480 | Suncorp-Metway Ltd. | 10,948,142 |
| 404,787 | Wesfarmers Ltd. | 6,975,044 |
| | | 63,320,805 |
| | Brazil: 1.1% | |
| 732,710 | Vale SA ADR | 11,891,883 |
| | | 11,891,883 |
| | Canada: 3.0% | |
| 321,213 | Enerplus Resources Fund | 7,676,991 |
| 252,968 | Toronto Dominion Bank | 12,883,005 |
| 411,488 | TransCanada Corp. | 12,204,242 |
| | | 32,764,238 |
| | Finland: 1.0% | |
| 727,578 | Nokia OYJ | 11,165,886 |
| | | 11,165,886 |
| | France: 7.5% | |
| 112,491 | Accor SA | 5,020,293 |
| 264,447 | Carrefour SA | 11,909,819 |
| 269,444 | Sanofi-Aventis | 17,197,141 |
| 386,966 | Total SA | 22,324,673 |
| 227,851 | Vinci SA | 11,018,749 |
| 568,954 | Vivendi | 15,056,447 |
| | | 82,527,122 |
| | Germany: 5.4% | |
| 93,169 | Deutsche Boerse AG | 8,163,939 |
| 490,228 | E.ON AG | 17,401,028 |
| 140,096 | Linde AG | 11,682,048 |
| 78,738 | Muenchener Rueckversicherungs AG | 11,120,408 |
| 152,699 | Siemens AG | 11,161,573 |
| | | 59,528,996 |
| | Hong Kong: 2.1% | |
| 227,536 | China Mobile Ltd. ADR | 11,197,047 |
| 804,964 | Hang Seng Bank Ltd. | 11,595,580 |
| | | 22,792,627 |
| | Italy: 5.2% | |
| 471,346 | Banche Popolari Unite Sepa | 6,534,047 |
| 936,487 | ENI S.p.A. | 22,722,346 |
| 1,122,540 | Italcementi S.p.A. RSP | 7,195,211 |
| 1,788,596 | Mediaset S.p.A. | 10,523,613 |
| 2,503,926 | Snam Rete Gas S.p.A. | 10,852,928 |
| | | 57,828,145 |
| | Japan: 3.6% | |
| 59,100 | Nintendo Co., Ltd. | 15,948,716 |
| 7,864 | NTT DoCoMo, Inc. | 11,779,486 |
| 291,100 | Takeda Pharmaceutical Co., Ltd. | 11,577,997 |
| | | 39,306,199 |
| | Netherlands: 4.0% | |
| 848,030 | Royal Dutch Shell PLC | 22,947,297 |

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| | | |
|-----------|--|------------|
| 788,978 | Royal KPN NV | 10,381,765 |
| 474,463 | Unilever NV | 11,409,383 |
| | 44,738,445 | |
| | New Zealand: 1.0% | |
| 6,669,320 | Telecom Corp. of New Zealand Ltd. | 10,746,174 |
| | 10,746,174 | |
| | Poland: 0.6% | |
| 1,316,136 | Telekomunikacja Polska SA | 6,921,796 |
| | 6,921,796 | |
| | Singapore: 0.6% | |
| 797,500 | DBS Group Holdings Ltd. | 6,549,359 |
| | 6,549,359 | |
| | South Korea: 0.6% | |
| 139,778 | S-Oil Corp. | 6,455,044 |
| | 6,455,044 | |
| | Spain: 4.2% | |
| 906,397 | Banco Bilbao Vizcaya Argentaria SA | 11,039,630 |
| 1,670,306 | Banco Santander Central Hispano SA | 17,746,142 |
| 789,842 | Telefonica SA | 17,109,957 |
| | 45,895,729 | |
| | Sweden: 1.0% | |
| 2,078,003 | TeliaSonera AB | 10,728,475 |
| | 10,728,475 | |
| | Switzerland: 1.0% | |
| 282,385 | Novartis AG ADR | 11,301,048 |
| | 11,301,048 | |
| | Taiwan: 1.0% | |
| 1,041,435 | Taiwan Semiconductor Manufacturing Co., Ltd. ADR | 11,393,299 |
| | 11,393,299 | |
| | Thailand: 0.5% | |
| 1,502,100 | Siam Cement PCL | 5,800,872 |
| | 5,800,872 | |
| | United Kingdom: 7.6% | |
| 392,584 | AstraZeneca PLC | 16,380,456 |
| 2,060,852 | BP PLC | 17,035,625 |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

| Shares | | Value |
|-----------|--|----------------------|
| 949,161 | United Kingdom (continued) | |
| 814,193 | GlaxoSmithKline PLC | \$ 16,051,302 |
| 1,355,207 | HSBC Holdings PLC | 7,374,953 |
| 8,101,291 | United Utilities Group PLC | 11,801,866 |
| | Vodafone Group PLC | 15,240,536 |
| | 83,884,738 | |
| | United States: 36.9% | |
| 242,324 | Abbott Laboratories | 10,919,119 |
| 412,691 | Altria Group, Inc. | 7,052,889 |
| 412,219 | American Electric Power Co., Inc. | 10,857,848 |
| 637,280 | AT&T, Inc. | 15,798,171 |
| 297,129 | Automatic Data Processing, Inc. | 11,293,873 |
| 190,022 | Bank of Hawaii Corp. | 7,112,523 |
| 814,195 | Bristol-Myers Squibb Co. | 16,218,764 |
| 266,419 | Campbell Soup Co. | 7,385,135 |
| 159,054 | Chevron Corp. | 10,604,130 |
| 340,081 | Coca-Cola Co. | 16,718,382 |
| 247,200 | ConocoPhillips | 11,331,648 |
| 289,802 | Consolidated Edison, Inc. | 10,276,379 |
| 618,905 | Dow Chemical Co. | 10,942,240 |
| 379,522 | Duke Energy Corp. | 5,370,236 |
| 385,913 | EI Du Pont de Nemours & Co. | 10,986,943 |
| 303,746 | Emerson Electric Co. | 9,747,209 |
| 145,782 | Exelon Corp. | 6,998,994 |
| 771,550 | General Electric Co. | 10,400,494 |
| 274,429 | Home Depot, Inc. | 6,355,776 |
| 325,305 | Honeywell International, Inc. | 10,787,114 |
| 685,638 | Intel Corp. | 10,778,229 |
| 209,099 | Kimberly-Clark Corp. | 10,850,147 |
| 645,218 | Kraft Foods, Inc. | 16,846,642 |
| 476,866 | Leggett & Platt, Inc. | 7,000,393 |
| 146,900 | Lorillard, Inc. | 10,037,677 |
| 707,212 | Mattel, Inc. | 11,039,579 |
| 202,519 | McDonald's Corp. | 11,946,596 |
| 600,316 | Merck & Co., Inc. | 16,556,715 |
| 452,366 | NYSE Euronext | 13,570,980 |
| 413,639 | OGE Energy Corp. | 10,680,159 |
| 1,018,658 | Pfizer, Inc. | 15,473,415 |
| 236,122 | Philip Morris International, Inc. | 10,068,242 |
| 482,486 | Pitney Bowes, Inc. | 11,039,280 |
| 210,606 | Procter & Gamble Co. | 10,938,876 |
| 1,155,957 | Sara Lee Corp. | 10,392,053 |
| 184,921 | Snap-On, Inc. | 5,760,289 |
| 369,406 | Southern Co. | 10,494,824 |
| 435,399 | Spectra Energy Corp. | 6,988,154 |
| | 407,620,117 | |
| | Total Common Stock | |
| | (Cost \$1,055,125,715) | 1,033,160,997 |
| | REAL ESTATE INVESTMENT TRUSTS: 2.0% | |
| 896,265 | Australia: 0.7% | |
| | Westfield Group | 7,920,005 |
| | 7,920,005 | |
| | Netherlands: 0.6% | |

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| | | |
|---------|----------|------------------|
| 137,843 | Corio NV | 6,803,272 |
| | | 6,803,272 |

| | | |
|---------|--|------------------|
| 190,297 | United States: 0.7% Rayonier, Inc. | 7,611,880 |
| | | 7,611,880 |

| | |
|--|-------------------|
| Total Real Estate Investment Trusts (Cost \$25,697,519) | 22,335,157 |
|--|-------------------|

WARRANTS: 0.0%

| | | |
|---------|--|---------------|
| 471,346 | Italy: 0.0% Unione di Banche Italiane SCPA Total Warrants (Cost \$-) | 82,803 |
| | | 82,803 |

**# of
Contracts Counterparty
POSITIONS IN PURCHASED OPTIONS: 0.4%**

Value

| | | | |
|------------|-------------------|---|----------------|
| 5,500 | Morgan Stanley | Australia: 0.0% S&P/ASX 200 Index, Strike Price 3,165.3000 AUD, Expires 06/19/09 | \$ 10,058 |
| 5,500 | Morgan Stanley | S&P/ASX 200 Index, Strike Price 3,229.9700 AUD, Expires 07/17/09 | 91,303 |
| 12,500,000 | Deutsche Bank, AG | Australian Dollar Currency Option (AUD/USD), Strike Price 0.6300, Expires 06/22/09 | 131 |
| 14,000,000 | Citigroup | Australian Dollar Currency Option (AUD/USD), Strike Price 0.6450, Expires 07/20/09 | 6,485 |
| | | | 107,977 |

| | | | |
|------------|-------------------|--|----------------|
| 20,000 | ABN AMRO | European Union: 0.1% Dow Jones Euro Stoxx 50 Index, Strike Price 1,695.7950 EUR, Expires 06/19/09 | 10,675 |
| 16,000 | ABN AMRO | Dow Jones Euro Stoxx 50 Index, Strike Price 1,963.7400 EUR, Expires 07/17/09 | 232,820 |
| 10,000 | ABN AMRO | Dow Jones Euro Stoxx 50 Index, Strike Price 2,043.6900 EUR, Expires 08/21/09 | 462,449 |
| 55,000,000 | Deutsche Bank, AG | European Union Currency Option (EUR/USD), Strike Price 1.2600, Expires 06/22/09 | 2,274 |
| 62,500,000 | Deutsche Bank, AG | European Union Currency Option (EUR/USD), Strike Price 1.2200, Expires 07/20/09 | 12,553 |
| | | | 720,771 |

| | | | |
|------------|---------------|--|----------------|
| 105,000 | ABN AMRO | Japan: 0.1% Nikkei 225 Index, Strike Price 7,019.8800 JPY, Expires 06/19/09 | 6,096 |
| 245,000 | Goldman Sachs | Nikkei 225 Index, Strike Price 8,049.0600 JPY, Expires 08/21/09 | 400,974 |
| 10,000,000 | Citigroup | Japanese Yen Currency Option (USD/JPY), Strike Price 103.0000, Expires 06/22/09 | 2,819 |
| 20,000,000 | Citigroup | Japanese Yen Currency Option (USD/JPY), Strike Price 100.4000, Expires 07/20/09 | 82,471 |
| 20,000,000 | Citigroup | Japanese Yen Currency Option (USD/JPY), Strike Price 101.2500, Expires 08/20/09 | 113,471 |
| | | | 605,831 |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

| # of Contracts | Counterparty | | Value |
|-------------------|-------------------|--|--------------------------------|
| | | United Kingdom: 0.0% | |
| 3,000 | Morgan Stanley | FTSE 100 Index, Strike Price 3,283.4400 GBP, Expires 06/19/09 | \$ 2,767 |
| 4,000 | Morgan Stanley | FTSE 100 Index, Strike Price 3,544.9300 GBP, Expires 07/17/09 | 59,064 |
| 3,000 | Goldman Sachs | FTSE 100 Index, Strike Price 3,829.4880 GBP, Expires 08/21/09 | 291,839 |
| 17,500,000 | Citigroup | United Kingdom Currency Option (GBP/USD), Strike Price 1.3500, Expires 06/22/09 | 63 |
| 17,500,000 | Deutsche Bank, AG | United Kingdom Currency Option (GBP/USD), Strike Price 1.3650, Expires 07/20/09 | 4,956 |
| 25,000,000 | Goldman Sachs | United Kingdom Currency Option (GBP/USD), Strike Price 1.4600, Expires 08/20/09 | 93,378 |
| | | | 452,067 |
| | | United States: 0.2% | |
| 60,000 | ABN AMRO | S&P 500 Index, Strike Price 671.4400 USD, Expires 06/19/09 | 14,744 |
| 82,000 | Barclays Bank PLC | S&P 500 Index, Strike Price 744.6734 USD, Expires 07/17/09 | 310,530 |
| 120,000 | Citigroup | S&P 500 Index, Strike Price 783.3300 USD, Expires 08/21/09 | 1,584,914 |
| | | | 1,910,188 |
| | | Total Positions in Purchased Options (Cost \$15,380,821) | 3,796,834 |
| | | Total Long-Term Investments (Cost \$1,096,204,055) | 1,059,375,791 |
| | | Total Investments in Securities (Cost \$1,096,204,055)* | 96.0% \$ 1,059,375,791 |
| | | Other Assets and Liabilities - Net | 4.0 44,068,674 |
| | | Net Assets | 100.0% \$ 1,103,444,465 |
| | ADR | American Depositary Receipt | |
| | * | Cost for federal income tax purposes is \$1,198,916,730. Net unrealized depreciation consists of: | |
| | | Gross Unrealized Appreciation | \$ 72,397,580 |
| | | Gross Unrealized Depreciation | (211,938,519) |
| | | Net Unrealized Depreciation | \$ (139,540,939) |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

| Industry | Percentage of Net Assets |
|------------------------------------|-----------------------------|
| Agriculture | 2.5% |
| Banks | 10.0 |
| Beverages | 2.2 |
| Building Materials | 1.2 |
| Chemicals | 3.0 |
| Commercial Services | 1.0 |
| Cosmetics/Personal Care | 1.0 |
| Diversified | 0.6 |
| Diversified Financial Services | 2.0 |
| Electric | 6.5 |
| Electrical Components & Equipment | 0.9 |
| Engineering & Construction | 1.7 |
| Food | 5.2 |
| Forest Products & Paper | 0.7 |
| Gas | 1.0 |
| Hand/Machine Tools | 0.5 |
| Household Products/Wares | 1.0 |
| Insurance | 2.1 |
| Lodging | 0.4 |
| Media | 2.3 |
| Mining | 1.1 |
| Miscellaneous Manufacturing | 3.6 |
| Office/Business Equipment | 1.0 |
| Oil & Gas | 11.0 |
| Pharmaceuticals | 11.9 |
| Pipelines | 1.7 |
| Purchased Options | 0.4 |
| Retail | 2.3 |
| Semiconductors | 2.0 |
| Shopping Centers | 0.7 |
| Telecommunications | 11.0 |
| Toys/Games/Hobbies | 2.4 |
| Water | 1.1 |
| Other Assets and Liabilities - Net | 4.0 |
| Net Assets | 100.0% |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

Fair Value Measurements - Effective March 1, 2008, the Fund adopted Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157 (SFAS 157), Fair Value Measurements. This new accounting statement defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles (GAAP), and expands disclosures about fair value measurements. The three levels of the fair value hierarchy are as follows:

- Level 1 - quoted prices in active markets for identical investments
- Level 2 - other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)
- Level 3 - significant unobservable inputs (including the Fund's own assumption in determining the fair value of investments)

The inputs or methodology used in valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following is a summary of the inputs used as of May 31, 2009 in determining the Fund's investments at fair value for purposes of SFAS 157:

| | Quoted Prices in Active Markets for Identical Investments (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) |
|--------------------------------|--|--|--|
| Common Stock | \$ 486,167,632 | \$ 546,993,365 | |
| Real Estate Investment Trusts | 7,611,880 | 14,723,277 | |
| Warrants | | 82,803 | |
| Positions In Purchased Options | | 3,796,834 | |
| Total | \$ 493,779,512 | \$ 565,596,279 | |
| Other Financial Instruments** | \$ | \$ (27,317,250) | |
| Total | \$ | \$ (27,317,250) | \$ |

Fair value for purposes of SFAS 157 is different from fair value as used in the 1940 Act. The former generally implies market value, and can include market quotations as a source of value, and the latter refers to determinations of value in absence of available market quotations.

** Other financial instruments may include open forward foreign currency contracts, futures, swaps, and written options. Forward foreign currency contracts and futures are reported at their unrealized gain/loss at period end. Swaps, purchased options and written options are reported at their market value at period end.

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

On March 19, 2008, the FASB issued Statement of Financial Accounting Standards No. 161 (SFAS No. 161), Disclosure about Derivative Instruments and Hedging Activities. This new accounting statement requires enhanced disclosures about an entity's derivative and hedging activities. Entities are required to provide enhanced disclosures about (a) how and why an entity invests in derivatives, (b) how derivatives are accounted for under SFAS No. 133, and (c) how derivatives affect an entity's financial position, financial performance, and cash flows. SFAS No. 161 also requires enhanced disclosures regarding credit-risk related contingent features of derivative instruments.

The following is a summary of the fair valuations of the Funds derivative instruments categorized by risk exposure as of May 31, 2009:

| Asset Derivatives as of May 31, 2009 | | Liability Derivatives as of May 31, 2009 | |
|--------------------------------------|---------------------|--|----------------------|
| Risk Exposure Category | Fair Value* | Risk Exposure Category | Fair Value* |
| Equity Contracts | \$ 3,478,233 | Equity Contracts | \$ 27,317,250 |
| Foreign Exchange Contracts | 318,601 | Foreign Exchange Contracts | |
| Total | \$ 3,796,834 | | \$ 27,317,250 |

* Forward foreign currency contracts and futures are reported at their unrealized appreciation/depreciation at period end. Swaps, purchased and written options are reported at their market value at period end.

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

Written OTC Call Options

| # of Contracts | Counterparty | Description | Expiration Date | Strike | Premiums Received | Value |
|------------------------------|----------------------|--|--------------------|------------|----------------------|-------------|
| Options on Securities | | | | | | |
| 48,000 | Morgan Stanley | Abbott Laboratories | 06/24/09 | 44.9929USD | \$ 80,880 | \$ (54,236) |
| 81,000 | Merrill Lynch | Altria Group, Inc. | 06/24/09 | 17.0100USD | 43,578 | (24,665) |
| 82,000 | Morgan Stanley | American Electric Power Company, Inc. | 06/24/09 | 25.5193USD | 81,188 | (83,378) |
| 127,000 | ABN AMRO | AT&T Inc. | 06/24/09 | 25.1219USD | 132,715 | (73,429) |
| 58,000 | ABN AMRO | Automatic Data Processing, Inc. | 06/24/09 | 35.9180USD | 78,822 | (105,759) |
| 158,000 | ABN AMRO | Bristol-Myers Squibb Co. | 06/24/09 | 20.2657USD | 133,194 | (68,100) |
| 53,000 | Citigroup | Campbell Soup Co. | 06/24/09 | 26.8800USD | 48,442 | (59,642) |
| 30,000 | Merrill Lynch | Chevron Corp. | 06/24/09 | 66.9200USD | 87,030 | (58,912) |
| 43,000 | Citigroup | China Mobile Ltd. | 06/24/09 | 46.7761USD | 118,250 | (150,912) |
| 75,000 | UBS AG | Coca-Cola Co. | 06/24/09 | 43.8096USD | 95,512 | (378,535) |
| 46,000 | Morgan Stanley | ConocoPhillips | 06/24/09 | 44.0552USD | 102,980 | (126,971) |
| 57,000 | Morgan Stanley | Consolidated Edison, Inc. | 06/24/09 | 34.8206USD | 56,886 | (72,942) |
| 122,000 | Merrill Lynch | Dow Chemical Co. | 06/24/09 | 16.0100USD | 177,632 | (262,811) |
| 76,000 | Merrill Lynch | Du Pont (E.I.) de Nemours and Co. | 06/24/09 | 26.9400USD | 122,892 | (163,254) |
| 76,000 | ABN AMRO | Duke Energy Corp. | 06/24/09 | 13.6086USD | 34,732 | (55,444) |
| 59,000 | Morgan Stanley | Emerson Electric Co. | 06/24/09 | 33.9000USD | 109,150 | (31,255) |
| 28,000 | Deutsche Bank, AG | Exelon Corp. | 06/24/09 | 48.5100USD | 59,080 | (38,393) |
| 147,000 | ABN AMRO | General Electric Co. | 06/24/09 | 12.8674USD | 140,385 | (153,467) |
| 55,000 | Merrill Lynch | Home Depot, Inc. | 06/24/09 | 24.9100USD | 78,100 | (12,531) |
| 62,000 | ABN AMRO | Honeywell International Inc. | 06/24/09 | 31.4361USD | 112,158 | (147,581) |
| 140,000 | ABN AMRO | Intel Corp. | 06/24/09 | 15.3779USD | 122,780 | (84,879) |
| 41,000 | UBS AG | Kimberly-Clark Corp. | 06/24/09 | 50.4478USD | 63,415 | (55,036) |
| 126,000 | ABN AMRO | Kraft Foods Inc. | 06/24/09 | 24.8475USD | 115,542 | (191,418) |
| 89,000 | UBS AG | Leggett & Platt, Inc. | 06/24/09 | 14.6266USD | 77,323 | (51,380) |
| 33,000 | Merrill Lynch | Lorillard, Inc. | 06/24/09 | 66.9250USD | 109,065 | (104,748) |
| 138,000 | Citigroup | Mattel, Inc. | 06/24/09 | 14.1600USD | 111,366 | (229,376) |
| 39,000 | Merrill Lynch | McDonald's Corp. | 06/24/09 | 53.9400USD | 73,632 | (166,351) |
| 129,000 | UBS AG | Merck & Co. Inc. | 06/24/09 | 26.0976USD | 147,460 | (204,323) |
| 56,000 | Morgan Stanley | Novartis A.G. | 06/24/09 | 40.1386USD | 79,615 | (61,096) |
| 83,000 | ABN AMRO | NYSE Euronext | 06/24/09 | 23.8323USD | 163,261 | (505,482) |
| 223,000 | Morgan Stanley | Pfizer Inc. | 06/24/09 | 15.3224USD | 157,973 | (94,917) |
| 52,000 | Barclays Bank PLC | Philip Morris Intl. Inc. | 06/24/09 | 41.9945USD | 80,142 | (66,331) |
| 42,000 | Goldman Sachs | Procter & Gamble Co. | 06/24/09 | 51.1600USD | 70,909 | (67,892) |
| 35,000 | Morgan Stanley | Rayonier Inc. | 06/24/09 | 36.7946USD | 95,942 | (126,436) |
| 233,000 | UBS AG | Sara Lee Corp. | 06/24/09 | 9.1078USD | 96,229 | (93,229) |
| 75,000 | Barclays Bank PLC | Southern Co. | 06/24/09 | 28.4675USD | 65,760 | (47,639) |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

Written OTC Call Options (continued)

| # of Contracts | Counterparty | Description | Expiration Date | Strike | Premiums Received | Value |
|---------------------------|----------------------|--|--------------------|-------------|----------------------|----------------|
| 86,000 | Goldman Sachs | Spectra Energy Corp. | 06/24/09 | 14.9700USD | \$ 66,306 | \$ (111,055) |
| 205,000 | Citigroup | Taiwan Semiconductor Manufacturing Co. Ltd. | 06/24/09 | 10.0800USD | 118,695 | (196,979) |
| 136,000 | ABN AMRO | Vale S.A. | 06/24/09 | 14.8876USD | 166,464 | (254,488) |
| 354,000 | Morgan Stanley | Foster s Group Ltd. | 06/24/09 | 5.1295AUD | 55,244 | (14,073) |
| 22,000 | Goldman Sachs | Accor S.A. | 06/24/09 | 30.1400EUR | 57,795 | (63,419) |
| 177,000 | Barclays Bank PLC | Banco Bilbao Vizcaya Argentaria, S.A. | 06/24/09 | 8.1700EUR | 134,199 | (156,150) |
| 321,000 | BNP Paribas | Banco Santander S.A. | 06/24/09 | 6.8323EUR | 189,012 | (353,695) |
| 52,000 | Barclays Bank PLC | Carrefour S.A. | 06/24/09 | 29.0850EUR | 109,342 | (207,658) |
| 19,000 | BNP Paribas | Deutsche Boerse A.G. | 06/24/09 | 52.3118EUR | 88,814 | (258,970) |
| 95,000 | UBS AG | E.ON A.G. | 06/24/09 | 24.0000EUR | 151,569 | (191,961) |
| 182,000 | Barclays Bank PLC | Eni S.p.A | 06/24/09 | 15.9900EUR | 177,575 | (368,123) |
| 175,000 | Citigroup | Koninklijke KPN NV | 06/24/09 | 9.6400EUR | 81,375 | (33,977) |
| 27,000 | Merrill Lynch | Linde A.G. | 06/24/09 | 57.2300EUR | 94,623 | (100,974) |
| 15,000 | ABN AMRO | MunichRe | 06/24/09 | 96.6200EUR | 115,221 | (105,425) |
| 145,000 | Citigroup | Nokia | 06/24/09 | 10.0790EUR | 150,867 | (213,814) |
| 173,000 | Goldman Sachs | Royal Dutch Shell PLC | 06/24/09 | 17.9539EUR | 174,503 | (306,109) |
| 53,000 | ABN AMRO | Sanofi-Aventis | 06/24/09 | 44.7500EUR | 133,561 | (105,804) |
| 30,000 | Barclays Bank PLC | Siemens A.G. | 06/24/09 | 49.4828EUR | 119,251 | (142,432) |
| 156,000 | Merrill Lynch | Telefonica S.A. | 06/24/09 | 14.6700EUR | 97,855 | (157,608) |
| 77,000 | ABN AMRO | Total S.A. | 06/24/09 | 39.2600EUR | 174,301 | (235,818) |
| 45,000 | Goldman Sachs | Vinci S.A. | 06/24/09 | 32.0938EUR | 121,605 | (161,611) |
| 112,000 | Barclays Bank PLC | Vivendi | 06/24/09 | 19.0860EUR | 124,779 | (55,171) |
| 88,000 | Barclays Bank PLC | AstraZeneca PLC | 06/24/09 | 25.8171GBP | 142,171 | (95,795) |
| 406,000 | Citigroup | BP PLC | 06/24/09 | 5.0400GBP | 127,970 | (124,866) |
| 206,000 | Goldman Sachs | GlaxoSmithKline PLC | 06/24/09 | 10.5568GBP | 131,116 | (71,876) |
| 159,000 | Merrill Lynch | HSBC Hldgs. PLC | 06/24/09 | 5.3670GBP | 89,096 | (97,852) |
| 1,764,000 | Barclays Bank PLC | Vodafone Group PLC | 06/24/09 | 1.2540GBP | 164,923 | (12,533) |
| 160,000 | Barclays Bank PLC | Hang Seng Bank Ltd. | 06/24/09 | 98.3800HKD | 105,767 | (282,235) |
| 648,000 | Goldman Sachs | Telecom Corp. of New Zealand | 06/24/09 | 2.5340NZD | 49,182 | (44,943) |
| 405,000 | Goldman Sachs | TeliaSonera A.B. | 06/24/09 | 38.8100SEK | 94,429 | (66,244) |
| 171,000 | Barclays Bank PLC | DBS Group Hldgs. Ltd. | 06/24/09 | 10.8700SGD | 76,890 | (132,686) |
| | | | | | \$ 7,208,520 | \$ (8,997,094) |
| Options on Indexes | | | | | | |
| 84,000 | Barclays Bank PLC | S&P 500@ Index | 06/12/09 | 887.9000USD | \$ 2,932,944 | \$ (3,242,624) |

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| | | | | | | |
|---------|----------------------|----------------------------------|----------|---------------|-----------|-------------|
| 87,000 | Merrill Lynch | S&P 500® Index | 06/26/09 | 901.1700USD | 2,507,340 | (3,136,412) |
| 94,500 | Barclays Bank PLC | S&P 500® Index | 07/10/09 | 909.9300USD | 2,903,418 | (2,903,418) |
| 8,600 | Citigroup | Dow Jones Euro Stoxx 50 Index | 06/12/09 | 2,325.6100EUR | 1,295,120 | (1,636,226) |
| 8,700 | Merrill Lynch | Dow Jones Euro Stoxx 50 Index | 06/26/09 | 2,344.8700EUR | 1,073,883 | (1,669,209) |
| 8,650 | Barclays Bank PLC | Dow Jones Euro Stoxx 50 Index | 07/10/09 | 2,442.4400EUR | 1,121,898 | (1,121,898) |
| 2,200 | UBS AG | FTSE 100 Index | 06/12/09 | 4,266.4166GBP | 482,611 | (641,237) |
| 2,300 | ABN AMRO | FTSE 100 Index | 06/26/09 | 4,327.5400GBP | 537,824 | (622,940) |
| 2,550 | Morgan Stanley | FTSE 100 Index | 07/10/09 | 4,396.7800GBP | 587,773 | (587,773) |
| 182,000 | Goldman Sachs | Nikkei-225 Stock Average | 06/12/09 | 9,020.2700JPY | 649,660 | (1,087,519) |

ING Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS
as of May 31, 2009 (Unaudited) (continued)

Written OTC Call Options (continued)

| # of Contracts | Counterparty | Description | Expiration Date | Strike | Premiums Received | Value |
|-------------------|----------------------|---|--------------------|---------------|----------------------|-----------------|
| 190,000 | Merrill Lynch | Nikkei-225 Stock Average | 06/26/09 | 9,266.5100JPY | \$ 679,905 | \$ (921,015) |
| 204,500 | Barclays Bank PLC | Nikkei-225 Stock Average | 07/10/09 | 9,562.8400JPY | 749,885 | (749,885) |
| | | | | | \$ 15,522,261 | \$ (18,320,156) |
| | | | | | \$ 22,730,781 | \$ (27,317,250) |
| | | Total Premiums Received: | \$ 22,730,781 | | | |
| | | Total Liabilities for Call Options Written: | \$ 27,317,250 | | | |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant): ING Global Equity Dividend and Premium Opportunity Fund

By /s/ Shaun P. Mathews
Shaun P. Mathews
President and Chief Executive Officer

Date: July 28, 2009

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By /s/ Shaun P. Mathews
Shaun P. Mathews
President and Chief Executive Officer

Date: July 28, 2009

By /s/ Todd Modic
Todd Modic
Senior Vice President and Chief Financial Officer

Date: July 28, 2009
