

Seligman Premium Technology Growth Fund, Inc.
Form N-Q
May 26, 2010

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549
FORM N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
Investment Company Act File Number 811-22328
SELIGMAN PREMIUM TECHNOLOGY GROWTH FUND, INC.**

(Exact name of registrant as specified in charter)

50606 Ameriprise Financial Center, Minneapolis,
Minnesota

55474

(Address of principal executive offices)

(Zip code)

Scott R. Plummer 5228 Ameriprise Financial Center, Minneapolis, MN 55474

(Name and address of agent for service)

Registrant's telephone number, including area code: (612) 671-1947

Date of fiscal year end: 12/31

Date of reporting period: 3/31

Portfolio of Investments*Seligman Premium Technology Growth Fund**March 31, 2010 (Unaudited)*

(Percentages represent value of investments compared to net assets)

Investments in Securities**Common Stocks (97.3%)**

| Issuer | Shares | Value(a) |
|--|---------------|-------------------|
| Aerospace & Defense (2.0%) | | |
| General Dynamics Corp. | 76,300 | \$ 5,890,360 |
| Biotechnology (1.2%) | | |
| Gilead Sciences, Inc. | 77,700 (b) | 3,533,796 |
| Communications Equipment (7.4%) | | |
| Cisco Systems, Inc. | 501,000 (b) | 13,041,030 |
| QUALCOMM, Inc. | 208,400 (e) | 8,750,716 |
| <i>Total</i> | | <i>21,791,746</i> |
| Computers & Peripherals (11.7%) | | |
| Apple, Inc. | 62,800 (b) | 14,753,604 |
| Hewlett-Packard Co. | 166,200 | 8,833,530 |
| NetApp, Inc. | 270,600 (b) | 8,810,736 |
| Netezza Corp. | 138,400 (b) | 1,770,136 |
| <i>Total</i> | | <i>34,168,006</i> |
| Diversified Financial Services (0.5%) | | |
| BM&FBOVESPA SA | 233,300 (c) | 1,567,146 |
| Diversified Telecommunication Services (0.9%) | | |
| Deutsche Telekom AG, ADR | 199,432 (c) | 2,692,332 |
| Electrical Equipment (0.4%) | | |
| Sensata Technologies Holding NV | 64,502 (b,c) | 1,158,456 |
| Electronic Equipment, Instruments & Components (0.4%) | | |
| Corning, Inc. | 56,700 | 1,145,907 |
| Health Care Equipment & Supplies (2.6%) | | |
| St. Jude Medical, Inc. | 188,400 (b) | 7,733,820 |
| Internet Software & Services (6.9%) | | |
| eBay, Inc. | 70,500 (b) | 1,899,975 |
| Google, Inc., Class A | 10,500 (b) | 5,953,605 |
| Open Text Corp. | 209,500 (b,c) | 9,944,965 |

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| | | |
|----------------------------------|---------------|-------------------|
| VeriSign, Inc. | 90,000 (b) | 2,340,900 |
| <i>Total</i> | | <i>20,139,445</i> |
| | | |
| IT Services (6.0%) | | |
| Amdocs Ltd. | 499,800 (b,c) | 15,048,978 |
| Genpact Ltd. | 53,411 (b,c) | 895,702 |
| Lender Processing Services, Inc. | 39,900 | 1,506,225 |
| <i>Total</i> | | <i>17,450,905</i> |

| Issuer | Shares | Value(a) |
|---|---------------|--------------------|
| Life Sciences Tools & Services (1.1%) | | |
| Life Technologies Corp. | 62,400 (b) | 3,261,648 |
| Media (0.9%) | | |
| DreamWorks Animation SKG, Inc., Class A | 66,748 (b) | 2,629,204 |
| Office Electronics (1.1%) | | |
| Xerox Corp. | 317,100 | 3,091,725 |
| Pharmaceuticals (1.3%) | | |
| Abbott Laboratories | 69,800 | 3,677,064 |
| Semiconductors & Semiconductor Equipment (13.3%) | | |
| Amkor Technology, Inc. | 540,000 (b) | 3,817,800 |
| Analog Devices, Inc. | 51,400 | 1,481,348 |
| Avago Technologies Ltd. | 102,200 (b,c) | 2,101,232 |
| Broadcom Corp., Class A | 25,800 | 856,044 |
| Intel Corp. | 395,100 | 8,794,925 |
| Lam Research Corp. | 79,300 (b) | 2,959,476 |
| Marvell Technology Group Ltd. | 132,500 (b,c) | 2,700,350 |
| Micron Technology, Inc. | 138,000 (b) | 1,433,820 |
| National Semiconductor Corp. | 234,537 | 3,389,060 |
| Novellus Systems, Inc. | 297,500 (b) | 7,437,500 |
| Veeco Instruments, Inc. | 20,300 (b) | 883,050 |
| Verigy Ltd. | 276,103 (b,c) | 3,086,832 |
| <i>Total</i> | | <i>38,941,437</i> |
| Software (39.6%) | | |
| Activision Blizzard, Inc. | 223,100 | 2,690,586 |
| Aspen Technology, Inc. | 189,200 (b) | 1,939,300 |
| BMC Software, Inc. | 381,600 (b) | 14,500,800 |
| Check Point Software Technologies | 423,900 (b,c) | 14,861,934 |
| JDA Software Group, Inc. | 161,700 (b) | 4,498,494 |
| Mentor Graphics Corp. | 573,200 (b) | 4,597,064 |
| Micro Focus International PLC | 85,800 (c) | 652,960 |
| Microsoft Corp. | 540,100 | 15,808,727 |
| Nuance Communications, Inc. | 466,700 (b) | 7,765,888 |
| Parametric Technology Corp. | 664,800 (b) | 11,999,640 |
| SonicWALL, Inc. | 293,980 (b) | 2,554,686 |
| SS&C Technologies Holdings, Inc. | 5,559 (b) | 83,830 |
| Symantec Corp. | 862,500 (b) | 14,593,500 |
| Synopsys, Inc. | 865,000 (b) | 19,350,050 |
| <i>Total</i> | | <i>115,897,459</i> |

Total Common Stocks*(Cost: \$269,723,867)*

\$ 284,770,456

Money Market Fund (1.2%)

| | Shares | Value(a) |
|---|---------------|-----------------|
| RiverSource Short-Term Cash Fund, 0.18% | 3,647,946 (f) | \$ 3,647,946 |

Total Money Market Fund*(Cost: \$3,647,946)*

\$ 3,647,946

Total Investments in Securities(d)*(Cost: \$273,371,813)(g)*

\$ 288,418,402

The industries identified above are based on the Global Industry Classification Standard (GICS), which was developed by and is the exclusive property of Morgan Stanley Capital International Inc. and Standard & Poor's, a division of The McGraw-Hill Companies, Inc.

Investments in Derivatives**Open Options Contracts Written at March 31, 2010**

| Issuer | Puts/Calls | Number of contracts | Exercise price | Premium received | Expiration date | Value(a) |
|-------------------------|------------|---------------------------|-------------------|---------------------|--------------------|--------------------|
| Apple, Inc. | Put | 236 | \$ 170 | \$ 444,556 | Jan. 2011 | \$ 136,880 |
| Google, Inc., Class A | Put | 13 | 560 | 20,774 | April 2010 | 15,795 |
| Google, Inc., Class A | Put | 14 | 550 | 28,311 | June 2010 | 26,040 |
| Hewlett-Packard Co. | Put | 506 | 44 | 43,513 | May 2010 | 6,578 |
| QUALCOMM, Inc. | Put | 259 | 35 | 26,182 | July 2010 | 13,986 |
| QUALCOMM, Inc. | Put | 159 | 38 | 30,966 | July 2010 | 16,854 |
| QUALCOMM, Inc. | Call | 366 | 43 | 39,004 | July 2010 | 68,991 |
| Research In Motion Ltd. | Put | 70 | 45 | 19,040 | Jan. 2011 | 9,240 |
| Research In Motion Ltd. | Put | 63 | 50 | 25,074 | Jan. 2011 | 12,978 |
| S&P 500 Index | Call | 564 | 1,950 | 1,555,504 | April 2010 | 1,666,620 |
| Total | | | | | | \$1,973,962 |

Notes to Portfolio of Investments

ADR American
Depository Receipt

- (a) Securities are valued by using policies described in Note 2 to the financial statements in the most recent Annual Report dated Dec. 31, 2009.
- (b) Non-income producing.
- (c) Foreign security values are stated in U.S. dollars. At March 31, 2010, the value of foreign securities, excluding short-term securities, represented 18.70% of net assets.
- (d) At March 31, 2010, cash or short-term securities were designated to cover open put and/or call options written
- (e) At March 31, 2010, securities valued at \$1,536,834 were held to cover open call options written.

(f) Affiliated Money Market Fund The Fund may invest its daily cash balance in RiverSource Short-Term Cash Fund, a money market fund established for the exclusive use of the RiverSource funds and other institutional clients of RiverSource Investments. The rate shown is the seven-day current annualized yield at March 31, 2010.

(g) At March 31, 2010, the cost of securities for federal income tax purposes was approximately \$273,372,000 and the approximate aggregate gross unrealized appreciation and depreciation based on that cost was:

| | |
|-----------------------------|---------------|
| Unrealized appreciation | \$ 17,786,000 |
| Unrealized depreciation | (2,740,000) |
| Net unrealized appreciation | \$ 15,046,000 |

Fair Value Measurements

Generally accepted accounting principles (GAAP) require disclosure regarding the inputs and valuation techniques used to measure fair value and any changes in valuation inputs or techniques. In addition, investments shall be disclosed by major category.

The Fund categorizes its fair value measurements according to a three-level hierarchy that maximizes the use of observable inputs and minimizes the use of unobservable inputs by prioritizing that the most observable input be used when available. Observable inputs are those that market participants would use in pricing an investment based on market data obtained from sources independent of the reporting entity. Unobservable inputs are those that reflect the Fund's assumptions about the information market participants would use in pricing an investment. An investment's level within the fair value hierarchy is based on the lowest level of any input that is deemed significant to the asset or liability's fair value measurement. The input levels are not necessarily an indication of the risk or liquidity associated with investments at that level. For example, certain U.S. government securities are generally high quality and liquid, however, they are reflected as Level 2 because the inputs used to determine fair value may not always be quoted prices in an active market.

Fair value inputs are summarized in the three broad levels listed below:

Level 1 Valuations based on quoted prices for investments in active markets that the Fund has the ability to access at the measurement date. Valuation adjustments are not applied to Level 1 investments.

Level 2 Valuations based on other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risks, etc.).

Level 3 Valuations based on significant unobservable inputs (including the Fund's own assumptions and judgment in determining the fair value of investments).

Inputs that are used in determining fair value of an investment may include price information, credit data, volatility statistics, and other factors. These inputs can be either observable or unobservable. The availability of observable inputs can vary between investments, and is affected by various factors such as the type of investment, and the volume and level of activity for that investment or similar investments in the marketplace. The inputs will be considered by the Fund Administrator, along with any other relevant factors in the calculation of an investment's fair value. The Fund uses prices and inputs that are current as of the measurement date, which may include periods of market dislocations. During these periods, the availability of prices and inputs may be reduced for many investments. This condition could cause an investment to be reclassified between the various levels within the hierarchy.

Non-U.S. equity securities actively traded in foreign markets may be reflected in Level 2 despite the availability of closing prices, because the Fund evaluates and determines whether those closing prices reflect fair value at the close of the New York Stock Exchange (NYSE) or require adjustment, as described in Note 2 to the financial statements Valuation of securities in the most recent Annual Report dated Dec. 31, 2009.

Investments falling into the Level 3 category are primarily supported by quoted prices from brokers and dealers participating in the market for those investments. However, these may be classified as Level 3 investments due to lack of market transparency and corroboration to support these quoted prices. Additionally, valuation models may be used as the pricing source for any remaining investments classified as Level 3. These models rely on one or more significant unobservable inputs and/or significant assumptions by the Fund Administrator. Inputs used in a valuation model may include, but are not limited to, financial statement analysis, discount rates and estimated cash flows, and comparable company data.

The following table is a summary of the inputs used to value the Fund's investments as of March 31, 2010:

| Description | Fair value at March 31, 2010 | | | Total |
|-------------|--|---|--|-------|
| | Level 1 quoted prices in active markets for identical assets | Level 2 other significant observable inputs | Level 3 significant unobservable inputs | |

Equity Securities

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| | | | | |
|---------------------------------|---------------|----|----|---------------|
| Common Stocks(a) | \$284,770,456 | \$ | \$ | \$284,770,456 |
| Total Equity Securities | 284,770,456 | | | 284,770,456 |
| Other | | | | |
| Affiliated Money Market Fund(b) | 3,647,946 | | | 3,647,946 |
| Total Other | 3,647,946 | | | 3,647,946 |
| Investments in Securities | 288,418,402 | | | 288,418,402 |
| Other Financial Instruments(c) | 1,973,962 | | | 1,973,962 |
| Total | \$290,392,364 | \$ | \$ | \$290,392,364 |

(a) Industry classifications are identified in the Portfolio of Investments.

(b) Money market fund that is a sweep investment for cash balances in the Fund at March 31, 2010.

(c) Other Financial Instruments are derivative instruments. Derivative descriptions are located in the Investments in Derivatives section of the Portfolio of Investments.

Item 2. Control and Procedures.

(a) Based upon their evaluation of the registrant's disclosure controls and procedures as conducted within 90 days of the filing date of this report, the registrant's principal financial officer and principal executive officer have concluded that those disclosure controls and procedures provide reasonable assurance that the material information required to be disclosed by the registrant on this report is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

(b) There were no changes in the registrant's internal control over financial reporting that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

Separate certification for the Registrant's principal executive officer and principal financial officer as required by Rule 30a-2(a) under the Investment Company Act of 1940.

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) Seligman Premium Technology Growth Fund, Inc.

By /s/ J. Kevin Connaughton

J. Kevin Connaughton
President and Principal Executive
Officer

Date May 26, 2010

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/ J. Kevin Connaughton

J. Kevin Connaughton
President and Principal Executive
Officer

Date May 26, 2010

By /s/ Jeffrey P. Fox

Jeffrey P. Fox
Treasurer and Principal Financial
Officer

Date May 26, 2010