

Seligman Premium Technology Growth Fund, Inc.
Form N-Q
November 29, 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: December 31

Date of reporting period: September 30, 2010

Item 1. Schedule of Investments

Portfolio of Investments*Columbia Seligman Premium Technology Growth Fund**(formerly known as Seligman Premium Technology Growth Fund)**Sept. 30, 2010 (Unaudited)**(Percentages represent value of investments compared to net assets)***Investments in Securities****Common Stocks (100.8%)**

| Issuer | Shares | Value(a) |
|--|---------------|-------------------|
| Aerospace & Defense (1.9%) | | |
| General Dynamics Corp. | 86,400 | \$ 5,426,784 |
| Biotechnology (0.6%) | | |
| Gilead Sciences, Inc. | 51,300 (b) | 1,826,793 |
| Communications Equipment (8.0%) | | |
| Cisco Systems, Inc. | 519,500 (b,d) | 11,377,050 |
| QUALCOMM, Inc. | 252,200 | 11,379,264 |
| <i>Total</i> | | <i>22,756,314</i> |
| Computers & Peripherals (9.9%) | | |
| Apple, Inc. | 58,000 (b) | 16,457,500 |
| Hewlett-Packard Co. | 279,200 | 11,745,944 |
| <i>Total</i> | | <i>28,203,444</i> |
| Electrical Equipment (0.4%) | | |
| Sensata Technologies Holding NV | 64,502 (b,c) | 1,274,560 |
| Electronic Equipment, Instruments & Components (2.4%) | | |
| Agilent Technologies, Inc. | 46,400 (b) | 1,548,368 |
| Avnet, Inc. | 116,300 (b) | 3,141,263 |
| Elster Group SE, ADR | 46,894 (b,c) | 647,137 |
| Jabil Circuit, Inc. | 100,800 | 1,452,528 |
| <i>Total</i> | | <i>6,789,296</i> |
| Health Care Equipment & Supplies (2.0%) | | |
| Boston Scientific Corp. | 146,900 (b) | 900,497 |
| St. Jude Medical, Inc. | 123,400 (b) | 4,854,556 |
| <i>Total</i> | | <i>5,755,053</i> |
| Internet Software & Services (6.8%) | | |

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| | | |
|---------------------------|--------------|------------|
| Google, Inc., Class A | 22,100 (b) | 11,619,959 |
| IntraLinks Holdings, Inc. | 35,754 (b) | 604,600 |
| Open Text Corp. | 90,500 (b,c) | 4,257,120 |
| SciQuest, Inc. | 25,565 (b) | 308,825 |
| VeriSign, Inc. | 80,700 (b) | 2,561,418 |

Total 19,351,922

IT Services (5.9%)

| | | |
|--|---------------|------------|
| Amdocs Ltd. | 477,900 (b,c) | 13,696,614 |
| Fidelity National Information Services, Inc. | 50,300 | 1,364,639 |
| Lender Processing Services, Inc. | 51,600 | 1,714,668 |

Total 16,775,921

| Issuer | Shares | Value(a) |
|---|---------------|--------------------|
| Life Sciences Tools & Services (0.5%) | | |
| Life Technologies Corp. | 16,300 (b) | 761,047 |
| Thermo Fisher Scientific, Inc. | 14,800 (b) | 708,624 |
| <i>Total</i> | | <i>1,469,671</i> |
| Media (0.5%) | | |
| Virgin Media, Inc. | 58,900 | 1,355,878 |
| Office Electronics (2.0%) | | |
| Xerox Corp. | 557,100 | 5,765,985 |
| Semiconductors & Semiconductor Equipment (14.4%) | | |
| Amkor Technology, Inc. | 688,888 (b) | 4,525,994 |
| Analog Devices, Inc. | 214,860 | 6,742,307 |
| ASML Holding NV | 53,000 (c) | 1,575,690 |
| KLA-Tencor Corp. | 224,100 | 7,895,043 |
| Marvell Technology Group Ltd. | 157,200 (b,c) | 2,752,572 |
| National Semiconductor Corp. | 234,537 | 2,995,037 |
| Novellus Systems, Inc. | 311,200 (b) | 8,271,697 |
| ON Semiconductor Corp. | 89,200 (b) | 643,132 |
| Teradyne, Inc. | 110,600 (b) | 1,232,084 |
| Texas Instruments, Inc. | 53,400 | 1,449,276 |
| Verigy Ltd. | 366,503 (b,c) | 2,979,669 |
| <i>Total</i> | | <i>41,062,501</i> |
| Software (45.0%) | | |
| Adobe Systems, Inc. | 176,700 (b,d) | 4,620,705 |
| Aspen Technology, Inc. | 254,196 (b) | 2,636,013 |
| BMC Software, Inc. | 458,500 (b) | 18,560,079 |
| BroadSoft, Inc. | 24,160 (b) | 209,226 |
| Check Point Software Technologies Ltd. | 378,700 (b,c) | 13,985,391 |
| ChinaCache International Holdings Ltd., ADR | 3,000 (b,c) | 41,700 |
| JDA Software Group, Inc. | 285,400 (b) | 7,237,744 |
| Mentor Graphics Corp. | 180,552 (b) | 1,908,435 |
| Micro Focus International PLC | 75,600 (c) | 453,041 |
| Microsoft Corp. | 589,000 | 14,424,610 |
| Nuance Communications, Inc. | 605,300 (b) | 9,466,892 |
| Oracle Corp. | 330,600 | 8,876,610 |
| Parametric Technology Corp. | 545,968 (b) | 10,668,215 |
| Symantec Corp. | 961,900 (b) | 14,592,023 |
| Synopsys, Inc. | 865,000 (b) | 21,426,049 |
| <i>Total</i> | | <i>129,106,733</i> |

Wireless Telecommunication Services (0.5%)

| | | |
|-------------------|-------------|-----------|
| China Mobile Ltd. | 127,500 (c) | 1,305,615 |
|-------------------|-------------|-----------|

Total Common Stocks

| | | |
|-----------------------|--|----------------|
| (Cost: \$280,590,501) | | \$ 288,226,470 |
|-----------------------|--|----------------|

Money Market Fund (0.4%)

| | Shares | Value(a) |
|---------------------------------------|---------------|--------------|
| Columbia Short-Term Cash Fund, 0.245% | 1,271,066 (f) | \$ 1,271,066 |

Total Money Market Fund

| | | |
|---------------------|--|--------------|
| (Cost: \$1,271,066) | | \$ 1,271,066 |
|---------------------|--|--------------|

Total Investments in Securities

| | | |
|----------------------------|--|----------------|
| (Cost: \$281,861,567)(e,g) | | \$ 289,497,536 |
|----------------------------|--|----------------|

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 Sept. 30, 2010**

| Issuer | Puts/Calls | Number of contracts | Exercise price | Premium received | Expiration date | Value(a) |
|---------------------|------------|---------------------|----------------|------------------|-----------------|-------------|
| Adobe Systems, Inc. | Call | 703 | \$ 30.00 | \$ 60,335 | Jan. 2011 | \$ 45,344 |
| Adobe Systems, Inc. | Put | 879 | 24.00 | 97,555 | Jan. 2011 | 98,008 |
| Cisco Systems, Inc. | Call | 508 | 25.00 | 45,052 | Jan. 2011 | 18,288 |
| Cisco Systems, Inc. | Put | 336 | 20.00 | 41,222 | Jan. 2011 | 24,528 |
| Cisco Systems, Inc. | Put | 656 | 22.50 | 92,717 | Jan. 2011 | 112,832 |
| Hewlett-Packard Co. | Put | 288 | 38.00 | 50,968 | Jan. 2011 | 35,856 |
| NASDAQ 100 Index | Call | 90 | 2,025.00 | 190,392 | Oct. 2010 | 184,050 |
| NASDAQ 100 Index | Call | 310 | 1,975.00 | 933,933 | Oct. 2010 | 1,501,950 |
| NASDAQ 100 Index | Call | 400 | 1,950.00 | 1,545,325 | Oct. 2010 | 2,684,000 |
| Total | | | | | | \$4,704,856 |

Notes to Portfolio of Investments

ADR American Depositary Receipt

- (a) Securities are valued by using policies described in Note 2 to the financial statements in the most recent Semiannual Report dated June 30, 2010.
- (b) Non-income producing.
- (c) Foreign security values are stated in U.S. dollars. At Sept. 30, 2010, the value of foreign securities, excluding short-term securities, represented 15.02% of net assets.
- (d) At Sept. 30, 2010, securities valued at \$2,950,865 were held to cover open call options written.
- (e) At Sept. 30, 2010, cash or short-term securities were designated to cover open put and/or call options written.
- (f) **Affiliated Money Market Fund** The Fund may invest its daily cash balance in Columbia Short-Term Cash Fund, a money market fund established for the exclusive use of funds and other institutional clients of Columbia Management. The rate shown is the seven-day current annualized yield at Sept. 30, 2010.
- (g) At Sept. 30, 2010, the cost of securities for federal income tax purposes was approximately \$281,862,000 and the approximate aggregate gross unrealized appreciation and depreciation based on that cost was:

| | |
|-----------------------------|---------------|
| Unrealized appreciation | \$ 20,728,000 |
| Unrealized depreciation | (13,092,000) |
| Net unrealized appreciation | \$ 7,636,000 |

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 (to include NAV for open-end mutual funds). 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.).

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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 Semiannual Report dated June 30, 2010.

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 valuations may include, but are not limited to, financial statement analysis, capital account balances, 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 Sept. 30, 2010:

| Description(a) | Level 1 quoted prices in active markets for identical assets(b) | Fair value at Sept. 30, 2010 | | Total |
|---------------------------------|---|---|--|---------------|
| | | Level 2 other significant observable inputs | Level 3 significant unobservable inputs | |
| Equity Securities | | | | |
| Common Stocks | \$288,226,470 | \$ | \$ | \$288,226,470 |
| Total Equity Securities | 288,226,470 | | | 288,226,470 |
| Other | | | | |
| Affiliated Money Market Fund(c) | 1,271,066 | | | 1,271,066 |
| Total Other | 1,271,066 | | | 1,271,066 |
| Investments in Securities | 289,497,536 | | | 289,497,536 |
| Derivatives | | | | |
| Liabilities | | | | |
| Options Contracts Written | (4,704,856) | | | (4,704,856) |
| Total | \$284,792,680 | \$ | \$ | \$284,792,680 |

(a) See the Portfolio of Investments for all investment classifications not indicated in the table.

- (b) Includes certain securities trading outside the U.S. whose values were adjusted at Dec. 31, 2009 as a result of significant market movements following the close of local trading, and were classified as Level 2. These values were not adjusted as of Sept. 30, 2010. Therefore, these investment securities were classified as Level 1 instead of Level 2 at Sept. 30, 2010. The amount of securities transferred out of Level 2 into Level 1 during the period was \$553,165. Transfers between Levels 1 and 2 are determined based on the fair value at the beginning of the period for security positions held throughout the period.
 - (c) Money market fund that is a sweep investment for cash balances in the Fund at Sept. 30, 2010.
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Item 2. Control and Procedures.

(a) The registrant's principal executive officer and principal financial officer, based on their evaluation of the registrant's disclosure controls and procedures as of a date within 90 days of the filing of this report, have concluded that such controls and procedures are adequately designed to ensure that material information required to be disclosed by the registrant in Form N-Q is accumulated and communicated to the registrant's management, including the principal executive officer and principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

(b) There was no change 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.

Certifications pursuant to Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)) attached hereto as Exhibit 99.CERT.

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 November 19, 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 November 19, 2010

By /s/ Jeffrey P. Fox

Jeffrey P. Fox
Treasurer and Principal Financial Officer

Date November 19, 2010