

Columbia Seligman Premium Technology Growth Fund, Inc.
Form N-Q
May 26, 2011

**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
COLUMBIA 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: March 31, 2011

Item 1. Schedule of Investments

**Portfolio of
Investments**

Columbia Seligman Premium Technology Growth Fund

March 31, 2011 (Unaudited)

(Percentages represent value of investments compared to net assets)

| Issuer | Shares | Value |
|--|---------------|------------------|
| Common Stocks (96.4%) | | |
| CONSUMER DISCRETIONARY (0.9%) | | |
| Internet & Catalog Retail (0.4%) | | |
| Amazon.com, Inc. ^(a) | 6,700 | \$ 1,206,871 |
| Media (0.5%) | | |
| Virgin Media, Inc. | 56,600 | 1,572,914 |
| TOTAL CONSUMER DISCRETIONARY | | 2,779,785 |
| HEALTH CARE (2.7%) | | |
| Biotechnology (0.3%) | | |
| Gilead Sciences, Inc. ^(a) | 21,800 | 925,192 |
| Health Care Equipment & Supplies (1.3%) | | |
| Baxter International, Inc. | 73,100 | 3,930,587 |
| Health Care Providers & Services (0.3%) | | |
| Quest Diagnostics, Inc. | 17,500 | 1,010,100 |

Life Sciences Tools & Services (0.8%)

| | | |
|---|--------|------------------|
| Life Technologies Corp. ^(a) | 27,400 | 1,436,308 |
| Thermo Fisher Scientific, Inc. ^(a) | 16,600 | 922,130 |
| Total | | 2,358,438 |

TOTAL HEALTH CARE 8,224,317

INDUSTRIALS (2.9%)

Aerospace & Defense (2.2%)

| | | |
|-----------------------------------|--------|------------------|
| General Dynamics Corp. | 79,200 | 6,063,552 |
| L-3 Communications Holdings, Inc. | 10,400 | 814,424 |
| Total | | 6,877,976 |

Electrical Equipment (0.7%)

| | | |
|---|--------|------------------|
| Nidec Corp. ^(b) | 16,800 | 1,455,051 |
| Sensata Technologies Holding NV ^{(a)(b)} | 15,054 | 522,826 |
| Total | | 1,977,877 |

TOTAL INDUSTRIALS 8,855,853

INFORMATION TECHNOLOGY (89.9%)

Communications Equipment (4.6%)

| | | |
|---------------------------------------|---------|-------------------|
| Alcatel-Lucent, ADR ^{(a)(b)} | 206,100 | 1,197,441 |
| HTC Corp. ^(b) | 12,000 | 468,718 |
| QUALCOMM, Inc. | 226,645 | 12,426,945 |
| Total | | 14,093,104 |

Computers & Peripherals (11.1%)

| | | |
|----------------------------|---------|------------|
| Apple, Inc. ^(a) | 44,000 | 15,331,800 |
| Hewlett-Packard Co. | 303,400 | 12,430,298 |

| Issuer | Shares | Value |
|--------|--------|-------|
|--------|--------|-------|

Common Stocks (continued)

INFORMATION TECHNOLOGY (CONTINUED)

Computers & Peripherals (cont.)

| | | |
|------------------------------|---------|--------------|
| NetApp, Inc. ^(a) | 103,900 | \$ 5,005,902 |
| Toshiba Corp. ^(b) | 293,200 | 1,433,631 |

| | | |
|--------------|--|-------------------|
| Total | | 34,201,631 |
|--------------|--|-------------------|

Electronic Equipment, Instruments & Components (2.2%)

| | | |
|----------------------------|---------|-----------|
| Avnet, Inc. ^(a) | 160,100 | 5,457,809 |
| Jabil Circuit, Inc. | 68,500 | 1,399,455 |

| | | |
|--------------|--|------------------|
| Total | | 6,857,264 |
|--------------|--|------------------|

Internet Software & Services (3.4%)

| | | |
|--------------------------------------|--------|------------|
| Google, Inc., Class A ^(a) | 17,600 | 10,317,296 |
|--------------------------------------|--------|------------|

IT Services (4.9%)

| | | |
|--|---------|------------|
| Amdocs Ltd. ^{(a)(b)} | 513,700 | 14,820,245 |
| InterXion Holding NV ^{(a)(b)} | 20,103 | 261,339 |

| | | |
|--------------|--|-------------------|
| Total | | 15,081,584 |
|--------------|--|-------------------|

Office Electronics (2.1%)

| | | |
|-------------|---------|-----------|
| Xerox Corp. | 597,900 | 6,367,635 |
|-------------|---------|-----------|

Semiconductors & Semiconductor Equipment (22.3%)

| | | |
|---|---------|------------|
| Advanced Micro Devices, Inc. ^(a) | 709,864 | 6,104,831 |
| Amkor Technology, Inc. ^(a) | 487,588 | 3,286,343 |
| ASML Holding NV ^{(a)(b)} | 351,300 | 15,632,850 |
| Intel Corp. | 443,453 | 8,944,447 |
| KLA-Tencor Corp. | 315,800 | 14,959,446 |
| Lam Research Corp. ^(a) | 68,000 | 3,852,880 |
| Marvell Technology Group Ltd. ^{(a)(b)} | 565,983 | 8,801,036 |
| Novellus Systems, Inc. ^(a) | 132,500 | 4,919,725 |
| ON Semiconductor Corp. ^(a) | 45,600 | 450,072 |
| Spansion, Inc., Class A ^(a) | 80,975 | 1,511,803 |

| | | |
|--------------|--|-------------------|
| Total | | 68,463,433 |
|--------------|--|-------------------|

Software (39.3%)

| | | |
|--|-----------|------------|
| Aspen Technology, Inc. ^(a) | 53,896 | 807,901 |
| BMC Software, Inc. ^(a) | 229,345 | 11,407,620 |
| CA, Inc. | 44,800 | 1,083,264 |
| Check Point Software Technologies Ltd. ^{(a)(b)} | 181,600 | 9,270,680 |
| JDA Software Group, Inc. ^(a) | 290,700 | 8,796,582 |
| Microsoft Corp. | 590,200 | 14,967,472 |
| Nuance Communications, Inc. ^(a) | 566,100 | 11,072,916 |
| Oracle Corp. | 349,700 | 11,669,489 |
| Parametric Technology Corp. ^(a) | 425,268 | 9,564,277 |
| Symantec Corp. ^(a) | 1,074,900 | 19,928,646 |
| Synopsys, Inc. ^(a) | 800,784 | 22,141,678 |

| | | |
|--------------|--|--------------------|
| Total | | 120,710,525 |
|--------------|--|--------------------|

| | | |
|-------------------------------------|--|--------------------|
| TOTAL INFORMATION TECHNOLOGY | | 276,092,472 |
|-------------------------------------|--|--------------------|

Total Common Stocks
(Cost: \$259,914,325)

\$ 295,952,427

| | Shares | Value |
|--|------------|-------------------------------------|
| Money Market Fund (4.1%) | | |
| Columbia Short-Term Cash Fund, 0.229% ^{(c)(d)(e)} | 12,701,769 | \$ 12,701,769 |
| Total Money Market Fund | | |
| (Cost: \$12,701,769) | | \$ 12,701,769 |
| Total Investments | | |
| (Cost: \$272,616,094)^(f) | | \$ 308,654,196^(g) |
| Other Assets & Liabilities, Net | | (1,615,167) |
| Net Assets | | \$ 307,039,029 |

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, 2011

| Issuer | Puts/Calls | Number of Contracts | Exercise Price | Premium Received | Expiration Date | Value |
|------------------|------------|---------------------------|-------------------|---------------------|--------------------|--------------|
| Apple, Inc. | Call | 21 | \$ 380.00 | \$ 20,111 | May 2011 | \$ 8,400 |
| Apple, Inc. | Call | 21 | 370.00 | 20,748 | June 2011 | 20,580 |
| Intel, Inc. | Put | 769 | 21.00 | 47,435 | April 2011 | 68,441 |
| Microsoft, Inc. | Put | 646 | 25.00 | 103,801 | Jan. 2012 | 139,859 |
| NASDAQ 100 Index | Call | 700 | 250.00 | 3,387,380 | April 2011 | 6,989,500 |
| Total | | | | | | \$ 7,226,780 |

Notes to Portfolio of Investments

(a) Non-income producing.

(b) Represents a foreign security. At March 31, 2011, the value of foreign securities, excluding short-term securities, represented 17.54% of net assets.

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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.

Foreign equity securities actively traded in markets where there is a significant delay in the local close relative to the New York Stock Exchange (NYSE) are classified as Level 2. The values of these securities may include an adjustment to reflect the impact of significant market movements following the close of local trading, as described in Note 2 to the financial statements Security Valuation in the most recent Annual Report dated December 31, 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 March 31, 2011:

| Description ^(a) | Fair value at March 31, 2011 | | | Total |
|---|--|--|--|----------------|
| | Level 1 quoted prices in active markets for identical assets | Level 2 other significant observable inputs ^(b) | Level 3 significant unobservable inputs | |
| Equity Securities | | | | |
| Common Stocks | | | | |
| Consumer Discretionary | \$ 2,779,785 | \$ | \$ | \$ 2,779,785 |
| Health Care | 8,224,317 | | | 8,224,317 |
| Industrials | 7,400,802 | 1,455,051 | | 8,855,853 |
| Information Technology | 274,190,123 | 1,902,349 | | 276,092,472 |
| Total Equity Securities | 292,595,027 | 3,357,400 | | 295,952,427 |
| Other | | | | |
| Affiliated Money Market Fund ^(c) | 12,701,769 | | | 12,701,769 |
| Total Other | 12,701,769 | | | 12,701,769 |
| Investments in Securities | 305,296,796 | 3,357,400 | | 308,654,196 |
| Derivatives | | | | |
| Liabilities | | | | |
| Options Contracts Written | 7,226,780 | | | 7,226,780 |
| Total | \$312,523,576 | \$ 3,357,400 | \$ | \$ 315,880,976 |

- (a) See the Portfolio of Investments for all investment classifications not indicated in the table.
 - (b) There were no significant transfers between Levels 1 and 2 during the period.
 - (c) Money market fund that is a sweep investment for cash balances in the Fund at March 31, 2011.
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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) Columbia Seligman Premium Technology Growth Fund, Inc.

By /s/ J. Kevin Connaughton

J. Kevin Connaughton
President and Principal Executive Officer

Date May 20, 2011

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 20, 2011

By /s/ Michael G. Clarke

Michael G. Clarke
Treasurer and Principal Financial Officer

Date May 20, 2011