

Columbia Seligman Premium Technology Growth Fund, Inc.
Form N-Q
May 25, 2018

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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 811-22328

Columbia Seligman Premium Technology Growth Fund, Inc.

(Exact name of registrant as specified in charter)

(Address of principal executive offices)

(Zip code)

Christopher O. Petersen

c/o Columbia Management Investment Advisers, LLC

225 Franklin Street

Boston, Massachusetts 02110

(Name and address of agent for service)

Registrant's telephone number, including area code: (800) 345-6611

Date of fiscal year end: December 31

Date of reporting period: March 31, 2018

Item 1. Schedule of Investments.

Portfolio of Investments

Columbia Seligman Premium Technology Growth Fund, March 31, 2018 (Unaudited)

(Percentages represent value of investments compared to net assets)

Investments in securities

Common Stocks 99.1%

| Issuer | Shares | Value (\$) |
|---|---------|------------|
| Consumer Discretionary 1.0% | | |
| Internet & Direct Marketing Retail 0.2% | | |
| JD.com, Inc., ADR ^(a) | 16,500 | 668,085 |
| Media 0.8% | | |
| 21st Century Fox, Inc., Class A | 27,600 | 1,012,644 |
| Time Warner, Inc. | 18,900 | 1,787,562 |
| Total | | 2,800,206 |
| Total Consumer Discretionary | | 3,468,291 |
| Industrials 0.1% | | |
| Professional Services 0.1% | | |
| Nielsen Holdings PLC | 11,800 | 375,122 |
| Total Industrials | | 375,122 |
| Information Technology 97.8% | | |
| Communications Equipment 2.1% | | |
| Arris International PLC ^(a) | 198,096 | 5,263,411 |
| Cisco Systems, Inc. | 36,200 | 1,552,618 |
| CommScope Holding Co., Inc. ^(a) | 2,677 | 106,999 |
| Lumentum Holdings, Inc. ^(a) | 2,700 | 172,260 |
| Total | | 7,095,288 |
| Electronic Equipment, Instruments & Components 0.5% | | |
| Orbotech Ltd. ^(a) | 24,400 | 1,517,192 |
| Internet Software & Services 11.7% | | |
| Alphabet, Inc., Class A ^(a) | 9,100 | 9,437,974 |
| Alphabet, Inc., Class C ^(a) | 9,924 | 10,239,484 |
| Cornerstone OnDemand, Inc. ^(a) | 31,000 | 1,212,410 |
| eBay, Inc. ^(a) | 182,800 | 7,355,872 |
| Facebook, Inc., Class A ^(a) | 36,400 | 5,816,356 |
| GoDaddy, Inc., Class A ^(a) | 27,900 | 1,713,618 |
| LogMeIn, Inc. | 26,719 | 3,087,381 |
| Okta, Inc. ^(a) | 10,919 | 435,122 |
| Total | | 39,298,217 |

Common Stocks (continued)

| Issuer | Shares | Value (\$) |
|---|---------|------------|
| IT Services 6.7% | | |
| DXC Technology Co. | 33,340 | 3,351,670 |
| Euronet Worldwide, Inc. ^(a) | 26,265 | 2,072,834 |
| Fidelity National Information Services, Inc. | 13,800 | 1,328,940 |
| PageSeguro Digital Ltd., Class A ^(a) | 157,197 | 6,023,789 |
| Visa, Inc., Class A | 80,800 | 9,665,296 |
| Total | | 22,442,529 |
| Semiconductors & Semiconductor Equipment 47.4% | | |
| Advanced Energy Industries, Inc. ^(a) | 4,100 | 261,990 |
| Applied Materials, Inc. | 212,600 | 11,822,686 |

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| | | |
|---|---------|-------------|
| Broadcom Ltd. | 81,600 | 19,229,040 |
| Cavium, Inc. ^(a) | 72,341 | 5,742,429 |
| Cypress Semiconductor Corp. | 147,449 | 2,500,735 |
| Inphi Corp. ^(a) | 141,064 | 4,246,027 |
| Integrated Device Technology, Inc. ^(a) | 243,807 | 7,450,742 |
| Lam Research Corp. | 140,583 | 28,560,842 |
| Lattice Semiconductor Corp. ^(a) | 727,316 | 4,051,150 |
| Marvell Technology Group Ltd. | 285,900 | 6,003,900 |
| Maxim Integrated Products, Inc. | 79,259 | 4,772,977 |
| Microchip Technology, Inc. | 101,200 | 9,245,632 |
| Micron Technology, Inc. ^{(a),(b)} | 483,800 | 25,225,332 |
| ON Semiconductor Corp. ^(a) | 151,218 | 3,698,792 |
| Qorvo, Inc. ^(a) | 121,084 | 8,530,368 |
| Synaptics, Inc. ^(a) | 174,800 | 7,993,604 |
| Teradyne, Inc. | 203,354 | 9,295,311 |
| Total | | 158,631,557 |
| Software 16.5% | | |
| Adobe Systems, Inc. ^(a) | 7,600 | 1,642,208 |
| Fortinet, Inc. ^(a) | 111,163 | 5,956,114 |
| Microsoft Corp. | 49,100 | 4,481,357 |
| Nuance Communications, Inc. ^(a) | 662,107 | 10,428,185 |
| Oracle Corp. | 182,200 | 8,335,650 |
| SailPoint Technologies Holding, Inc. ^(a) | 36,771 | 760,792 |
| Salesforce.com, Inc. ^(a) | 35,100 | 4,082,130 |
| Splunk, Inc. ^(a) | 16,458 | 1,619,303 |
| Synopsys, Inc. ^(a) | 139,689 | 11,627,712 |
| TiVo Corp. | 306,100 | 4,147,655 |

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Portfolio of Investments (continued)

Columbia Seligman Premium Technology Growth Fund, March 31, 2018 (Unaudited)

Common Stocks (continued)

| Issuer | Shares | Value (\$) |
|--|---------|-------------|
| Verint Systems, Inc. ^(a) | 45,000 | 1,917,000 |
| Zscaler, Inc. ^(a) | 8,547 | 239,914 |
| Total | | 55,238,020 |
| Technology Hardware, Storage & Peripherals | | 12.9% |
| Apple, Inc. | 96,900 | 16,257,882 |
| Electronics for Imaging, Inc. ^(a) | 191,576 | 5,235,772 |
| NetApp, Inc. | 28,300 | 1,745,827 |
| Western Digital Corp. | 124,000 | 11,441,480 |
| Xerox Corp. | 297,600 | 8,564,928 |
| Total | | 43,245,889 |
| Total Information Technology | | 327,468,692 |
| Telecommunication Services | | 0.2% |
| Diversified Telecommunication Services | | 0.2% |
| Ooma, Inc. ^(a) | 59,849 | 652,354 |
| Total Telecommunication Services | | 652,354 |
| Total Common Stocks | | 331,964,459 |
| (Cost \$224,438,847) | | |

Money Market Funds 1.1%

| | Shares | Value (\$) |
|--|-----------|-------------|
| Columbia Short-Term Cash Fund, 1.738% ^{(c),(d)} | 3,707,710 | 3,707,339 |
| Total Money Market Funds | | 3,707,339 |
| (Cost \$3,707,339) | | |
| Total Investments in Securities | | 335,671,798 |
| (Cost: \$228,146,186) | | |
| Other Assets & Liabilities, Net | | (639,230) |
| Net Assets | | 335,032,568 |

At March 31, 2018, securities and/or cash totaling \$2,335,872 were pledged as collateral.

Investments in derivatives

Call option contracts written

| Description | Counterparty | Trading currency | Notional amount | Number of contracts | Exercise price/Rate | Expiration date | Premium received (\$) | Value (\$) |
|-------------------------|---------------|------------------|-----------------|---------------------|---------------------|-----------------|-----------------------|-------------|
| Micron Technology, Inc. | Deutsche Bank | USD | (2,335,872) | (448) | 80.00 | 01/2019 | (226,973) | (97,664) |
| NASDAQ 100 Stock Index | Deutsche Bank | USD | (165,844,375) | (252) | 6,875.00 | 04/2018 | (941,816) | (1,006,740) |
| Total | | | | | | | (1,168,789) | (1,104,404) |

Notes to Portfolio of Investments

(a) Non-income producing investment.

(b) This security or a portion of this security has been pledged as collateral in connection with derivative contracts.

(c) The rate shown is the seven-day current annualized yield at March 31, 2018.

(d) As defined in the Investment Company Act of 1940, an affiliated company is one in which the Fund owns 5% or more of the company's outstanding voting securities, or a company which is under common ownership or control with the Fund. Holdings and transactions in these affiliated companies during the period ended March 31, 2018 are

as follows:

| Issuer | Beginning shares | Shares purchased | Shares sold | Ending shares | Realized (loss) — affiliated issuers (\$) | Net change in gain unrealized appreciation (depreciation) — affiliated issuers (\$) | Dividends — affiliated issuers (\$) | Value — affiliated issuers at end of period (\$) |
|---------------------------------------|------------------|------------------|--------------|---------------|---|---|-------------------------------------|--|
| Columbia Short-Term Cash Fund, 1.738% | 4,032,237 | 26,181,023 | (26,505,550) | 3,707,710 | (639) | (148) | 13,517 | 3,707,339 |

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Portfolio of Investments (continued)

Columbia Seligman Premium Technology Growth Fund, March 31, 2018 (Unaudited)

Abbreviation Legend

ADR American Depositary Receipt

Investments are valued using policies described in the Notes to Financial Statements in the most recent shareholder report.

Fair value measurements

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's 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 Investment Manager, 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.

Certain investments that have been measured at fair value using the net asset value (NAV) per share (or its equivalent) are not categorized in the fair value hierarchy. The fair value amounts presented in the table are intended to reconcile the fair value hierarchy to the amounts presented in the Portfolio of Investments. The Columbia Short-Term Cash Fund seeks to provide shareholders with maximum current income consistent with liquidity and stability of principal. Columbia Short-Term Cash Fund prices its shares with a floating NAV and no longer seeks to maintain a stable NAV. 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 may rely on one or more significant unobservable inputs and/or significant assumptions by the Investment Manager. 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.

Under the direction of the Fund's Board of Directors (the Board), the Investment Manager's Valuation Committee (the Committee) is responsible for overseeing the valuation procedures approved by the Board. The Committee consists of voting and non-voting members from various groups within the Investment Manager's organization, including operations and accounting, trading and investments, compliance, risk management and legal.

The Committee meets at least monthly to review and approve valuation matters, which may include a description of specific valuation determinations, data regarding pricing information received from approved pricing vendors and

brokers and the results of Board-approved valuation control policies and procedures (the Policies). The Policies address, among other things, instances when market quotations are or are not readily available, including recommendations of third party pricing vendors and a determination of appropriate pricing methodologies; events that require specific valuation determinations and assessment of fair value techniques; securities with a potential for stale pricing, including those that are illiquid, restricted, or in default; and the effectiveness of third party pricing vendors, including periodic reviews of vendors. The Committee meets more frequently, as needed, to discuss additional valuation matters, which may include the need to review back-testing results, review time-sensitive information or approve related valuation actions. The Committee reports to the Board, with members of the Committee meeting with the Board at each of its regularly scheduled meetings to discuss valuation matters and actions during the period, similar to those described earlier.

For investments categorized as Level 3, the Committee monitors information similar to that described above, which may include: (i) data specific to the issuer or comparable issuers, (ii) general market or specific sector news and (iii) quoted prices and specific or similar security transactions. The Committee considers this data and any changes from prior periods in order to assess the reasonableness of observable and unobservable inputs, any assumptions or internal models used to value those securities and changes in fair value. This data is also used to corroborate, when available, information received from approved pricing vendors and brokers. Various factors impact the frequency of monitoring this information (which may occur as often as daily). However, the Committee may determine that changes to inputs, assumptions and models are not required as a result of the monitoring procedures performed.

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Portfolio of Investments (continued)

Columbia Seligman Premium Technology Growth Fund, March 31, 2018 (Unaudited)

Fair value measurements (continued)

The following table is a summary of the inputs used to value the Fund's investments at March 31, 2018:

| | Level 1 quoted prices in active markets for identical assets (\$) | Level 2 other significant observable inputs (\$) | Level 3 significant unobservable inputs (\$) | Investments measured at net asset value (\$) | Total (\$) |
|-----------------------------------|--|--|---|---|-------------|
| Investments in Securities | | | | | |
| Common Stocks | | | | | |
| Consumer Discretionary | 3,468,291 | — | — | — | 3,468,291 |
| Industrials | 375,122 | — | — | — | 375,122 |
| Information Technology | 327,468,692 | — | — | — | 327,468,692 |
| Telecommunication Services | 652,354 | — | — | — | 652,354 |
| Total Common Stocks | 331,964,459 | — | — | — | 331,964,459 |
| Money Market Funds | — | — | — | 3,707,339 | 3,707,339 |
| Total Investments in Securities | 331,964,459 | — | — | 3,707,339 | 335,671,798 |
| Investments in Derivatives | | | | | |
| Liability | | | | | |
| Options Contracts Written | (1,104,404) | — | — | — | (1,104,404) |
| Total | 330,860,055 | — | — | 3,707,339 | 334,567,394 |

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

There were no transfers of financial assets between levels during the period.

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Item 2. Controls 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 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 (Signature and Title) /s/ Christopher O. Petersen
Christopher O. Petersen, President and Principal Executive Officer

Date May 22, 2018

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 (Signature and Title) /s/ Christopher O. Petersen
Christopher O. Petersen, President and Principal Executive Officer

Date May 22, 2018

By (Signature and Title) /s/ Michael G. Clarke
Michael G. Clarke, Treasurer and Chief Financial Officer

Date May 22, 2018