

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

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**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%)**

<b>Issuer</b>	<b>Shares</b>	<b>Value(a)</b>
<b>Aerospace &amp; Defense (2.0%)</b>		
General Dynamics Corp.	76,300	\$ 5,890,360
<b>Biotechnology (1.2%)</b>		
Gilead Sciences, Inc.	77,700 (b)	3,533,796
<b>Communications Equipment (7.4%)</b>		
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>
<b>Computers &amp; Peripherals (11.7%)</b>		
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>
<b>Diversified Financial Services (0.5%)</b>		
BM&FBOVESPA SA	233,300 (c)	1,567,146
<b>Diversified Telecommunication Services (0.9%)</b>		
Deutsche Telekom AG, ADR	199,432 (c)	2,692,332
<b>Electrical Equipment (0.4%)</b>		
Sensata Technologies Holding NV	64,502 (b,c)	1,158,456
<b>Electronic Equipment, Instruments &amp; Components (0.4%)</b>		
Corning, Inc.	56,700	1,145,907
<b>Health Care Equipment &amp; Supplies (2.6%)</b>		
St. Jude Medical, Inc.	188,400 (b)	7,733,820
<b>Internet Software &amp; Services (6.9%)</b>		
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>
<b>IT Services (6.0%)</b>		
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>

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<b>Issuer</b>	<b>Shares</b>	<b>Value(a)</b>
<b>Life Sciences Tools &amp; Services (1.1%)</b>		
Life Technologies Corp.	62,400 (b)	3,261,648
<b>Media (0.9%)</b>		
DreamWorks Animation SKG, Inc., Class A	66,748 (b)	2,629,204
<b>Office Electronics (1.1%)</b>		
Xerox Corp.	317,100	3,091,725
<b>Pharmaceuticals (1.3%)</b>		
Abbott Laboratories	69,800	3,677,064
<b>Semiconductors &amp; Semiconductor Equipment (13.3%)</b>		
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>
<b>Software (39.6%)</b>		
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%)**

	<b>Shares</b>	<b>Value(a)</b>
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
<b>Total</b>						<b>\$1,973,962</b>

***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.

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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