

Eaton Vance Enhanced Equity Income Fund
Form N-Q
February 27, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES**

811-21614

Investment Company Act File Number

Eaton Vance Enhanced Equity Income Fund

(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number, Including Area Code)

September 30

Date of Fiscal Year End

December 31, 2013

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance**Enhanced Equity Income Fund**

December 31, 2013

PORTFOLIO OF INVESTMENTS (Unaudited)**Common Stocks 99.5%**⁽¹⁾

Security	Shares	Value
Aerospace & Defense 2.8%		
Boeing Co. (The)	67,888	\$ 9,266,033
United Technologies Corp.	55,552	6,321,818
		\$ 15,587,851
Air Freight & Logistics 0.9%		
C.H. Robinson Worldwide, Inc.	90,776	\$ 5,295,872
		\$ 5,295,872
Auto Components 0.3%		
TRW Automotive Holdings Corp. ⁽²⁾	22,026	\$ 1,638,514
		\$ 1,638,514
Automobiles 0.7%		
Honda Motor Co., Ltd.	93,744	\$ 3,869,480
		\$ 3,869,480
Beverages 2.1%		
Beam, Inc.	76,823	\$ 5,228,573
PepsiCo, Inc.	82,165	6,814,765
		\$ 12,043,338
Biotechnology 4.2%		
Biogen Idec, Inc. ⁽²⁾	4,907	\$ 1,372,733
Celgene Corp. ⁽²⁾	59,290	10,017,638
Gilead Sciences, Inc. ⁽²⁾	167,077	12,555,837
		\$ 23,946,208
Capital Markets 1.5%		
Charles Schwab Corp. (The)	124,177	\$ 3,228,602
Morgan Stanley	173,957	5,455,292
		\$ 8,683,894
Chemicals 3.0%		
LyondellBasell Industries NV, Class A	66,610	\$ 5,347,451

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Monsanto Co.	51,013		5,945,565
PPG Industries, Inc.	30,326		5,751,629

\$ 17,044,645

Commercial Banks 2.3%

Regions Financial Corp.	665,795	\$	6,584,713
SunTrust Banks, Inc.	174,946		6,439,762

\$ 13,024,475

Communications Equipment 1.5%

QUALCOMM, Inc.	116,973	\$	8,685,245
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\$ 8,685,245

Computers & Peripherals 3.5%

Apple, Inc.	35,845	\$	20,112,988
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\$ 20,112,988

Consumer Finance 1.9%

American Express Co.	115,735	\$	10,500,637
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\$ 10,500,637

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Security	Shares	Value
Diversified Financial Services 5.7%		
Bank of America Corp.	643,827	\$ 10,024,386
Citigroup, Inc.	200,222	10,433,569
JPMorgan Chase & Co.	207,577	12,139,103
		\$ 32,597,058
Diversified Telecommunication Services 1.4%		
AT&T, Inc.	146,077	\$ 5,136,068
Verizon Communications, Inc.	58,473	2,873,363
		\$ 8,009,431
Electric Utilities 1.7%		
Duke Energy Corp.	39,667	\$ 2,737,420
Edison International	57,971	2,684,057
NextEra Energy, Inc.	51,183	4,382,288
		\$ 9,803,765
Electrical Equipment 3.1%		
Emerson Electric Co.	165,838	\$ 11,638,511
Rockwell Automation, Inc.	50,316	5,945,338
		\$ 17,583,849
Electronic Equipment, Instruments & Components 2.3%		
Corning, Inc.	725,131	\$ 12,921,834
		\$ 12,921,834
Energy Equipment & Services 1.5%		
Cameron International Corp. ⁽²⁾	43,574	\$ 2,593,960
FMC Technologies, Inc. ⁽²⁾	55,300	2,887,213
Halliburton Co.	55,286	2,805,765
		\$ 8,286,938
Food & Staples Retailing 1.0%		
Costco Wholesale Corp.	48,706	\$ 5,796,501
		\$ 5,796,501
Food Products 3.1%		
Hershey Co. (The)	86,441	\$ 8,404,658
Mondelez International, Inc., Class A	253,532	8,949,680
		\$ 17,354,338
Health Care Equipment & Supplies 2.1%		
Abbott Laboratories	173,216	\$ 6,639,369
Covidien PLC	73,671	5,016,995
		\$ 11,656,364

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Health Care Providers & Services 1.3%

Express Scripts Holding Co. ⁽²⁾	101,550	\$	7,132,872
		\$	7,132,872

Hotels, Restaurants & Leisure 0.9%

McDonald's Corp.	51,316	\$	4,979,191
		\$	4,979,191

Household Products 1.4%

Procter & Gamble Co.	100,279	\$	8,163,713
		\$	8,163,713

Industrial Conglomerates 1.1%

Danaher Corp.	77,413	\$	5,976,284
		\$	5,976,284

Insurance 3.5%

ACE, Ltd.	55,229	\$	5,717,858
Aflac, Inc.	102,725		6,862,030
MetLife, Inc.	135,392		7,300,337
		\$	19,880,225

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Security	Shares	Value
Internet & Catalog Retail 4.0%		
Amazon.com, Inc. ⁽²⁾	33,219	\$ 13,247,405
Netflix, Inc. ⁽²⁾	25,573	9,415,211
		\$ 22,662,616
Internet Software & Services 7.4%		
eBay, Inc. ⁽²⁾	160,373	\$ 8,802,874
Facebook, Inc., Class A ⁽²⁾	121,805	6,657,861
Google, Inc., Class A ⁽²⁾	23,636	26,489,102
		\$ 41,949,837
IT Services 2.7%		
Accenture PLC, Class A	70,235	\$ 5,774,721
Visa, Inc., Class A	43,085	9,594,168
		\$ 15,368,889
Machinery 1.0%		
Deere & Co.	61,119	\$ 5,581,998
		\$ 5,581,998
Media 2.6%		
Lions Gate Entertainment Corp.	149,662	\$ 4,738,299
Walt Disney Co. (The)	131,342	10,034,529
		\$ 14,772,828
Metals & Mining 0.8%		
Freeport-McMoRan Copper & Gold, Inc.	119,266	\$ 4,501,099
		\$ 4,501,099
Multi-Utilities 1.0%		
Sempra Energy	65,881	\$ 5,913,479
		\$ 5,913,479
Multiline Retail 2.3%		
Dollar General Corp. ⁽²⁾	105,014	\$ 6,334,444
Macy's, Inc.	127,697	6,819,020
		\$ 13,153,464
Oil, Gas & Consumable Fuels 8.6%		
Chevron Corp.	48,079	\$ 6,005,548
Concho Resources, Inc. ⁽²⁾	63,866	6,897,528
EOG Resources, Inc.	24,030	4,033,195
Exxon Mobil Corp.	28,507	2,884,908
Marathon Oil Corp.	158,712	5,602,534
Occidental Petroleum Corp.	140,646	13,375,434
Phillips 66	79,638	6,142,479
Range Resources Corp.	48,019	4,048,482

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\$ 48,990,108

Personal Products 1.3%

Estee Lauder Cos., Inc. (The), Class A	96,434	\$ 7,263,409
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\$ 7,263,409

Pharmaceuticals 5.7%

Johnson & Johnson	43,885	\$ 4,019,427
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Merck & Co., Inc.	200,451	10,032,573
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Pfizer, Inc.	261,788	8,018,566
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Roche Holding AG PC	15,605	4,371,369
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Shire PLC ADR	40,446	5,714,615
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\$ 32,156,550

Real Estate Investment Trusts (REITs) 1.5%

AvalonBay Communities, Inc.	34,565	\$ 4,086,620
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Boston Properties, Inc.	44,499	4,466,365
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\$ 8,552,985

Road & Rail 1.0%

Canadian Pacific Railway, Ltd.	38,922	\$ 5,889,677
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\$ 5,889,677

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Security	Shares	Value
Security		
Semiconductors & Semiconductor Equipment 0.8%		
NXP Semiconductors NV ⁽²⁾	102,877	\$ 4,725,141
		\$ 4,725,141
Software 1.0%		
Microsoft Corp.	152,792	\$ 5,719,005
		\$ 5,719,005
Specialty Retail 1.4%		
AutoNation, Inc. ⁽²⁾	50,129	\$ 2,490,910
Home Depot, Inc. (The)	68,505	5,640,702
		\$ 8,131,612
Textiles, Apparel & Luxury Goods 0.6%		
NIKE, Inc., Class B	41,004	\$ 3,224,555
		\$ 3,224,555
Tobacco 1.0%		
Philip Morris International, Inc.	61,800	\$ 5,384,634
		\$ 5,384,634
Total Common Stocks (identified cost \$510,166,820)		\$ 564,517,396
Short-Term Investments 1.1%		
Description	Interest (000 s omitted)	Value
Eaton Vance Cash Reserves Fund, LLC, 0.14% ⁽³⁾	\$ 6,120	\$ 6,120,276
Total Short-Term Investments (identified cost \$6,120,276)		\$ 6,120,276
Total Investments 100.6% (identified cost \$516,287,096)		\$ 570,637,672
Covered Call Options Written (0.6)%		

Security	Number of Contracts	Strike Price	Expiration Date	Value
Abbott Laboratories	865	\$ 40.00	2/22/14	\$ (29,842)
Accenture PLC, Class A	350	82.50	1/18/14	(33,250)

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ACE, Ltd.	275	105.00	1/18/14	(13,062)
Aflac, Inc.	515	70.00	1/18/14	(4,377)
Amazon.com, Inc.	165	435.00	2/22/14	(121,688)
American Express Co.	575	92.50	2/22/14	(91,713)
Apple, Inc.	180	605.00	1/18/14	(21,150)
AT&T, Inc.	730	37.00	1/18/14	(730)
AutoNation, Inc.	250	55.00	1/18/14	(1,250)
AvalonBay Communities, Inc.	170	125.00	2/22/14	(19,975)
Bank of America Corp.	3,215	17.00	2/22/14	(40,187)
Beam, Inc.	380	72.50	2/22/14	(26,600)
Biogen Idec, Inc.	25	315.00	1/18/14	(1,000)
Boeing Co. (The)	335	145.00	2/22/14	(45,393)
Boston Properties, Inc.	220	107.75	2/22/14	(16,500)
C.H. Robinson Worldwide, Inc.	450	62.50	1/18/14	(1,125)
Cameron International Corp.	215	60.00	2/22/14	(58,050)
Canadian Pacific Railway, Ltd.	195	165.00	2/22/14	(15,600)
Celgene Corp.	295	180.00	1/18/14	(25,960)
Charles Schwab Corp. (The)	620	27.00	1/18/14	(13,950)
Chevron Corp.	240	125.00	2/22/14	(59,640)
Citigroup, Inc.	1,000	55.00	2/22/14	(66,500)
Concho Resources, Inc.	320	110.00	1/18/14	(68,000)

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Security	Number of Contracts	Strike		Expiration Date	Value
			Price		
Corning, Inc.	3,625	\$	19.00	2/22/14	\$ (110,563)
Costco Wholesale Corp.	245		128.00	1/18/14	(490)
Covidien PLC	370		67.50	1/18/14	(43,475)
Danaher Corp.	385		77.50	1/18/14	(36,575)
Deere & Co.	305		95.00	2/22/14	(34,160)
Dollar General Corp.	525		62.50	1/18/14	(31,500)
Duke Energy Corp.	195		72.50	2/22/14	(5,850)
eBay, Inc.	800		57.50	2/22/14	(109,600)
Edison International	290		47.50	2/22/14	(19,575)
Emerson Electric Co.	825		72.50	3/22/14	(86,625)
EOG Resources, Inc.	120		180.00	1/18/14	(4,560)
Estee Lauder Cos., Inc. (The), Class A	480		80.00	2/22/14	(40,800)
Express Scripts Holding Co.	505		72.50	2/22/14	(68,175)
Facebook, Inc., Class A	605		55.00	2/22/14	(251,075)
FMC Technologies, Inc.	275		52.50	1/18/14	(34,375)
Freeport-McMoRan Copper & Gold, Inc.	595		38.00	2/22/14	(68,425)
Gilead Sciences, Inc.	835		80.00	2/22/14	(143,203)
Google, Inc., Class A	115		1,120.00	1/18/14	(179,975)
Halliburton Co.	275		57.50	1/18/14	(1,512)
Hershey Co. (The)	425		100.00	2/22/14	(54,825)
Home Depot, Inc. (The)	340		85.00	1/18/14	(7,990)
Johnson & Johnson	215		95.00	1/18/14	(1,827)
JPMorgan Chase & Co.	1,035		60.00	1/18/14	(39,330)
LyondellBasell Industries NV, Class A	330		85.00	2/22/14	(29,700)
Macy's, Inc.	635		55.00	2/22/14	(68,263)
Marathon Oil Corp.	790		37.00	2/22/14	(37,525)
McDonald's Corp.	255		100.00	1/18/14	(2,422)
Merck & Co., Inc.	1,000		52.50	2/22/14	(38,500)
MetLife, Inc.	680		55.00	1/18/14	(31,280)
Microsoft Corp.	760		40.00	1/18/14	(4,180)
Mondelez International, Inc., Class A	1,265		36.00	1/18/14	(34,155)
Monsanto Co.	250		120.00	1/18/14	(21,250)
Morgan Stanley	870		34.00	2/22/14	(26,535)
Netflix, Inc.	125		425.00	2/22/14	(105,938)
NextEra Energy, Inc.	260		92.50	1/18/14	(650)
NIKE, Inc., Class B	205		80.00	2/22/14	(30,955)
NXP Semiconductors NV	510		47.50	2/22/14	(86,700)
Occidental Petroleum Corp.	700		97.50	2/22/14	(145,250)
PepsiCo, Inc.	410		85.00	2/22/14	(36,080)
Pfizer, Inc.	1,305		32.00	2/22/14	(23,490)
Philip Morris International, Inc.	305		95.00	1/18/14	(610)
Phillips 66	395		77.50	2/22/14	(108,625)
PPG Industries, Inc.	150		195.00	2/22/14	(51,750)
Procter & Gamble Co.	500		87.50	1/18/14	(1,000)
QUALCOMM, Inc.	585		77.50	2/22/14	(57,330)
Range Resources Corp.	240		87.50	1/18/14	(16,800)
Regions Financial Corp.	3,325		10.00	1/18/14	(46,550)
Sempra Energy	325		92.50	2/22/14	(38,187)
SunTrust Banks, Inc.	875		37.00	1/18/14	(51,188)
TRW Automotive Holdings Corp.	110		80.00	2/22/14	(11,000)
United Technologies Corp.	275		115.00	2/22/14	(56,650)
Verizon Communications, Inc.	290		52.50	1/18/14	(1,015)
Visa, Inc., Class A	215		230.00	3/22/14	(137,600)
Walt Disney Co. (The)	655		77.50	2/22/14	(123,795)

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Total Covered Call Options Written (premiums received \$3,714,627)		\$ (3,564,000)
Other Assets, Less Liabilities	0.0%	\$ 169,426
Net Assets	100.0%	\$ 567,243,098

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The percentage shown for each investment category in the Portfolio of Investments is based on net assets.

ADR - American Depositary Receipt

PC - Participation Certificate

- (1) A portion of each applicable common stock for which a written call option is outstanding at December 31, 2013 has been pledged as collateral for such written option.
- (2) Non-income producing security.
- (3) Affiliated investment company, available to Eaton Vance portfolios and funds, which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of December 31, 2013. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended December 31, 2013 was \$1,129.
- (4) Amount is less than 0.05%.

A summary of open financial instruments at December 31, 2013 is as follows:

Forward Foreign Currency Exchange Contracts

Settlement Date	Deliver	In Exchange For	Counterparty	Unrealized Appreciation	Unrealized (Depreciation)	Net Unrealized Appreciation
	Japanese Yen	United States Dollar				
1/31/14	402,000,000	3,838,332	Credit Suisse International	\$ 20,598	\$	\$ 20,598

Written options activity for the fiscal year to date ended December 31, 2013 was as follows:

	Number of Contracts	Premiums Received
Outstanding, beginning of period	46,795	\$ 3,478,123
Options written	85,945	7,445,818
Options terminated in closing purchase transactions	(51,396)	(4,416,674)
Options exercised	(219)	(16,073)
Options expired	(37,560)	(2,776,567)
Outstanding, end of period	43,565	\$ 3,714,627

At December 31, 2013, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

In the normal course of pursuing its investment objectives, the Fund is subject to the following risks:

Equity Price Risk : The Fund writes covered call options on individual stocks above the current value of the stock to generate premium income. In writing call options on individual stocks, the Fund in effect, sells potential appreciation in the value of the applicable stock above the exercise price in exchange for the option premium received. The Fund retains the risk of loss, minus the premium received, should the price of the underlying stock decline.

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Foreign Exchange Risk: Because the Fund holds foreign currency denominated investments, the value of these investments and related receivables and payables may change due to future changes in foreign currency exchange rates. To hedge against this risk, the Fund enters into forward foreign currency exchange contracts.

The fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) by risk exposure at December 31, 2013 was as follows:

Risk	Derivative	Fair Value	
		Asset Derivative	Liability Derivative
Equity Price	Written options	\$	\$ (3,564,000)
Foreign Exchange	Forward foreign currency exchange contracts	20,598	
Total		\$ 20,598	\$ (3,564,000)

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The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2013, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 516,480,952
Gross unrealized appreciation	\$ 57,599,276
Gross unrealized depreciation	(3,442,556)
Net unrealized appreciation	\$ 54,156,720

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At December 31, 2013, the hierarchy of inputs used in valuing the Fund's investments and open derivative instruments, which are carried at value, were as follows:

Asset Description	Level 1	Level 2	Level 3	Total
Common Stocks				
Consumer Discretionary	\$ 68,562,780	\$ 3,869,480	\$	\$ 72,432,260
Consumer Staples	56,005,933			56,005,933
Energy	57,277,046			57,277,046
Financials	93,239,274			93,239,274
Health Care	70,520,625	4,371,369		74,891,994
Industrials	55,915,531			55,915,531
Information Technology	109,482,939			109,482,939
Materials	21,545,744			21,545,744
Telecommunication Services	8,009,431			8,009,431
Utilities	15,717,244			15,717,244
Total Common Stocks	\$ 556,276,547	\$ 8,240,849*	\$	\$ 564,517,396
Short-Term Investments	\$	\$ 6,120,276	\$	\$ 6,120,276
Total Investments	\$ 556,276,547	\$ 14,361,125	\$	\$ 570,637,672
Forward Foreign Currency Exchange Contracts	\$	\$ 20,598	\$	\$ 20,598
Total	\$ 556,276,547	\$ 14,381,723	\$	\$ 570,658,270
Liability Description				
Covered Call Options Written	\$ (3,564,000)	\$	\$	\$ (3,564,000)
Total	\$ (3,564,000)	\$	\$	\$ (3,564,000)

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* Includes foreign equity securities whose values were adjusted to reflect market trading of comparable securities or other correlated instruments that occurred after the close of trading in their applicable foreign markets.

The Fund held no investments or other financial instruments as of September 30, 2013 whose fair value was determined using Level 3 inputs. At December 31, 2013, there were no investments transferred between Level 1 and Level 2 during the fiscal year to date then ended.

For information on the Fund's policy regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

Item 2. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant on this Form N-Q has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant on this Form N-Q has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

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.

Eaton Vance Enhanced Equity Income Fund

By: /s/ Walter A. Row, III
Walter A. Row, III
President

Date: February 24, 2014

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/ Walter A. Row, III
Walter A. Row, III
President

Date: February 24, 2014

By: /s/ James F. Kirchner
James F. Kirchner
Treasurer

Date: February 24, 2014