

Eaton Vance Tax-Managed Buy-Write Income Fund  
Form N-Q  
November 24, 2010

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**Form N-Q**  
**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED**  
**MANAGEMENT INVESTMENT COMPANIES**  
**811-21676**  
**Investment Company Act File Number**  
**Eaton Vance Tax-Managed Buy-Write 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)  
December 31  
Date of Fiscal Year End  
September 30, 2010  
Date of Reporting Period

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**Item 1. Schedule of Investments**

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**Eaton Vance Tax-Managed Buy-Write Income Fund****as of September 30, 2010****PORTFOLIO OF INVESTMENTS (Unaudited)****Common Stocks 102.4%**

<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Aerospace &amp; Defense 3.1%</b>		
Boeing Co. (The)	26,422	\$ 1,758,120
Honeywell International, Inc.	66,929	2,940,860
Northrop Grumman Corp.	22,634	1,372,300
Rockwell Collins, Inc.	34,789	2,026,459
United Technologies Corp.	43,492	3,097,935
		<b>\$ 11,195,674</b>
<b>Air Freight &amp; Logistics 1.4%</b>		
CH Robinson Worldwide, Inc.	16,275	\$ 1,137,948
Expeditors International of Washington, Inc.	21,522	994,962
United Parcel Service, Inc., Class B	45,237	3,016,856
		<b>\$ 5,149,766</b>
<b>Auto Components 0.5%</b>		
Dana Holding Corp. <sup>(1)</sup>	31,658	\$ 390,027
Goodyear Tire & Rubber Co. (The) <sup>(1)</sup>	13,476	144,867
Johnson Controls, Inc.	37,662	1,148,691
		<b>\$ 1,683,585</b>
<b>Automobiles 0.5%</b>		
Ford Motor Co. <sup>(1)</sup>	131,695	\$ 1,611,947
		<b>\$ 1,611,947</b>
<b>Beverages 2.9%</b>		
Brown-Forman Corp., Class B	11,197	\$ 690,183
Coca-Cola Co. (The)	86,673	5,072,104
PepsiCo, Inc.	71,806	4,770,791
		<b>\$ 10,533,078</b>
<b>Biotechnology 1.7%</b>		
Amgen, Inc. <sup>(1)</sup>	50,489	\$ 2,782,449
Celgene Corp. <sup>(1)</sup>	39,773	2,291,322
Cephalon, Inc. <sup>(1)</sup>	2,316	144,611
Gilead Sciences, Inc. <sup>(1)</sup>	21,919	780,536

		<b>\$ 5,998,918</b>
<b>Capital Markets 2.1%</b>		
Bank of New York Mellon Corp. (The)	13,449	\$ 351,422
Federated Investors, Inc., Class B	7,867	179,053
Goldman Sachs Group, Inc. (The)	20,507	2,964,902
Invesco, Ltd.	38,480	816,931
Legg Mason, Inc.	21,991	666,547
State Street Corp.	32,176	1,211,748
T. Rowe Price Group, Inc.	25,696	1,286,470
		<b>\$ 7,477,073</b>
<b>Chemicals 1.4%</b>		
Dow Chemical Co. (The)	40,267	\$ 1,105,732
E.I. Du Pont de Nemours & Co.	73,387	3,274,528
Eastman Chemical Co.	1,804	133,496
Monsanto Co.	9,621	461,134
		<b>\$ 4,974,890</b>
<b>Commercial Banks 2.9%</b>		
Fifth Third Bancorp	91,535	\$ 1,101,166
First Horizon National Corp. <sup>(1)</sup>	49,912	569,501
KeyCorp	25,580	203,617
M&T Bank Corp.	20,480	1,675,469

<b>Security</b>	<b>Shares</b>	<b>Value</b>
Marshall & Ilsley Corp.	39,440	\$ 277,657
PNC Financial Services Group, Inc.	14,634	759,651
Wells Fargo & Co.	236,859	5,952,267
		<b>\$ 10,539,328</b>
<b>Commercial Services &amp; Supplies 1.2%</b>		
Avery Dennison Corp.	30,924	\$ 1,147,899
Pitney Bowes, Inc.	15,666	334,939
RR Donnelley & Sons Co.	28,274	479,527
Waste Management, Inc.	68,932	2,463,630
		<b>\$ 4,425,995</b>
<b>Communications Equipment 3.1%</b>		
Aviat Networks, Inc. <sup>(1)</sup>	6,710	\$ 27,444
Ciena Corp. <sup>(1)</sup>	22,165	345,109
Cisco Systems, Inc. <sup>(1)</sup>	256,919	5,626,526
Harris Corp.	23,222	1,028,502
QUALCOMM, Inc.	88,202	3,979,674
Riverbed Technology, Inc. <sup>(1)</sup>	5,239	238,794
		<b>\$ 11,246,049</b>
<b>Computers &amp; Peripherals 5.7%</b>		
Apple, Inc. <sup>(1)</sup>	30,468	\$ 8,645,295
Hewlett-Packard Co.	112,124	4,717,056
International Business Machines Corp.	44,156	5,923,086
QLogic Corp. <sup>(1)</sup>	40,511	714,614
SanDisk Corp. <sup>(1)</sup>	12,335	452,078
		<b>\$ 20,452,129</b>
<b>Consumer Finance 0.8%</b>		
American Express Co.	49,193	\$ 2,067,582
Discover Financial Services	50,805	847,427
		<b>\$ 2,915,009</b>
<b>Containers &amp; Packaging 0.1%</b>		
Ball Corp.	2,882	\$ 169,606
Bemis Co., Inc.	7,568	240,284
		<b>\$ 409,890</b>
<b>Distributors 0.4%</b>		
Genuine Parts Co.	34,078	\$ 1,519,538

		<b>\$ 1,519,538</b>
<b>Diversified Consumer Services</b>	<b>0.3%</b>	
H&R Block, Inc.	85,901	\$ 1,112,418
		<b>\$ 1,112,418</b>
<b>Diversified Financial Services</b>	<b>4.1%</b>	
Bank of America Corp.	294,131	\$ 3,856,057
Citigroup, Inc. <sup>(1)</sup>	633,400	2,470,260
CME Group, Inc.	3,193	831,617
JPMorgan Chase & Co.	170,941	6,507,724
Moody's Corp.	29,272	731,215
NYSE Euronext	8,497	242,759
		<b>\$ 14,639,632</b>
<b>Diversified Telecommunication Services</b>	<b>3.5%</b>	
AT&T, Inc.	249,008	\$ 7,121,629
Frontier Communications Corp.	104,862	856,723
Verizon Communications, Inc.	139,894	4,559,145
		<b>\$ 12,537,497</b>

	<b>Shares</b>	<b>Value</b>
<b>Security</b>		
<b>Electric Utilities 1.1%</b>		
Duke Energy Corp.	88,867	\$ 1,573,835
Edison International	22,819	784,746
FirstEnergy Corp.	34,793	1,340,922
Pinnacle West Capital Corp.	7,168	295,823
		<b>\$ 3,995,326</b>
<b>Electrical Equipment 1.0%</b>		
Emerson Electric Co.	61,948	\$ 3,262,182
First Solar, Inc. <sup>(1)</sup>	1,663	245,043
		<b>\$ 3,507,225</b>
<b>Electronic Equipment, Instruments &amp; Components 0.1%</b>		
Molex, Inc.	13,181	\$ 275,878
		<b>\$ 275,878</b>
<b>Energy Equipment &amp; Services 2.0%</b>		
Diamond Offshore Drilling, Inc.	16,237	\$ 1,100,382
Halliburton Co.	68,734	2,273,033
Rowan Cos., Inc. <sup>(1)</sup>	4,098	124,415
Schlumberger, Ltd.	56,392	3,474,311
		<b>\$ 6,972,141</b>
<b>Food &amp; Staples Retailing 2.5%</b>		
CVS Caremark Corp.	99,448	\$ 3,129,629
Wal-Mart Stores, Inc.	106,604	5,705,446
		<b>\$ 8,835,075</b>
<b>Food Products 2.0%</b>		
ConAgra Foods, Inc.	36,224	\$ 794,755
General Mills, Inc.	37,423	1,367,436
Green Mountain Coffee Roasters, Inc. <sup>(1)</sup>	15,366	479,265
Kellogg Co.	31,044	1,568,032
Kraft Foods, Inc., Class A	54,344	1,677,056
Tyson Foods, Inc., Class A	70,336	1,126,783
		<b>\$ 7,013,327</b>
<b>Gas Utilities 0.2%</b>		
Nicor, Inc.	12,790	\$ 586,038
		<b>\$ 586,038</b>

**Health Care Equipment & Supplies 1.5%**

Baxter International, Inc.	52,220	\$	2,491,416
Boston Scientific Corp. <sup>(1)</sup>	30,325		185,892
Covidien PLC	11,380		457,362
Medtronic, Inc.	52,729		1,770,640
Zimmer Holdings, Inc. <sup>(1)</sup>	5,294		277,035
		\$	<b>5,182,345</b>

**Health Care Providers & Services 1.7%**

Medco Health Solutions, Inc. <sup>(1)</sup>	40,595	\$	2,113,375
Quest Diagnostics, Inc.	22,491		1,135,121
UnitedHealth Group, Inc.	76,435		2,683,633
		\$	<b>5,932,129</b>

**Hotels, Restaurants & Leisure 1.8%**

Marriott International, Inc., Class A	30,945	\$	1,108,759
McDonald's Corp.	52,268		3,894,489
Wyndham Worldwide Corp.	26,139		718,038
Yum! Brands, Inc.	16,501		760,036
		\$	<b>6,481,322</b>



<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Household Durables 1.1%</b>		
D.R. Horton, Inc.	22,646	\$ 251,824
Leggett & Platt, Inc.	11,383	259,077
Lennar Corp., Class A	21,018	323,257
Newell Rubbermaid, Inc.	76,798	1,367,772
Pulte Group, Inc. <sup>(1)</sup>	20,311	177,924
Stanley Black & Decker, Inc.	10,773	660,170
Whirlpool Corp.	11,922	965,205
		<b>\$ 4,005,229</b>
<b>Household Products 2.1%</b>		
Clorox Co. (The)	14,476	\$ 966,418
Procter & Gamble Co.	110,996	6,656,430
		<b>\$ 7,622,848</b>
<b>Industrial Conglomerates 1.7%</b>		
3M Co.	17,125	\$ 1,484,909
General Electric Co.	272,736	4,431,960
Textron, Inc.	11,648	239,483
		<b>\$ 6,156,352</b>
<b>Insurance 4.4%</b>		
ACE, Ltd.	21,315	\$ 1,241,599
Allianz SE ADR	12,863	145,352
AON Corp.	26,692	1,043,924
Berkshire Hathaway, Inc., Class B <sup>(1)</sup>	37,680	3,115,382
Cincinnati Financial Corp.	34,819	1,004,528
First American Financial Corp.	13,676	204,319
Genworth Financial, Inc., Class A <sup>(1)</sup>	4,317	52,754