HARRIS & HARRIS GROUP INC /NY/ Form 10-Q August 09, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D. C. 20549

Form 10-Q

x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2016

" TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ______ to _____

Commission file number: 0-11576

HARRIS & HARRIS GROUP, INC. (Exact Name of Registrant as Specified in Its Charter)

New York13-3119827(State or Other Jurisdiction of
Incorporation or Organization)(I.R.S. Employer Identification No.)

1450 Broadway, New York, New York 10018 (Address of Principal Executive Offices) (Zip Code)

(212) 582-0900 (Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No "

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes "No"

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer "Accelerated filer xNon-accelerated filer "Smaller reporting company "

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes "No x

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

Class

Shares outstanding at August 8, 2016

Common Stock, \$0.01 par value per share 30,880,829 shares

Harris & Harris Group, Inc. Form 10-Q, June 30, 2016

Page Number

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PART I. FINANCIAL INFORMATION

Item 1. Consolidated Financial Statements

In the opinion of management, these financial statements reflect all adjustments, consisting of valuation adjustments and normal recurring accruals, necessary for a fair statement of our financial position, results of operations and cash flows for such periods.

Harris & Harris Group, Inc.® (the "Company," "us," "our" and "we"), is an internally managed, non-diversified management investment company that has elected to operate as a business development company ("BDC") under the Investment Company Act of 1940 (the "1940 Act"). Certain information and disclosures normally included in the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America ("GAAP") have been condensed or omitted as permitted by Regulation S-X and Regulation S-K. Accordingly, they do not include all information and disclosures necessary for a fair presentation of our financial position, results of operations and cash flows in conformity with GAAP. The results of operations for any interim period are not necessarily indicative of the results for the full year. The accompanying consolidated financial statements and notes thereto contained in our Annual Report on Form 10-K for the year ended December 31, 2015.

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED STATEMENTS OF ASSETS AND LIABILITIES (Unaudited)

(Onaudited)	June 30, 2016	December 31, 2015
ASSETS		
Investments, in portfolio securities at value:		
Unaffiliated privately held companies	\$6,621,231	\$5,376,472
(cost: \$15,732,223 and \$18,857,235, respectively)	. , ,	. , ,
Unaffiliated rights to milestone payments	2,993,857	3,362,051
(adjusted cost basis: \$781,863 and \$781,863, respectively)	, ,	, ,
Unaffiliated publicly traded securities	552,215	957,544
(cost: \$1,623,029 and \$1,623,029, respectively)		
Non-controlled affiliated privately held companies	48,536,764	41,909,262
(cost: \$50,377,689 and \$49,262,921, respectively)		
Non-controlled affiliated publicly traded companies	9,688,048	18,371,105
(cost: \$23,165,788 and \$23,165,788, respectively)		
Controlled affiliated privately held companies	6,294,427	7,010,534
(cost: \$23,679,289 and \$23,205,336, respectively) Equity method privately held companies		
(adjusted cost basis: \$334,216 and \$165,936, respectively)	334,216	165,936
Total, investments in private portfolio companies, rights to		
milestone payments and public securities at value	75,020,758	77,152,904
(cost: \$115,694,097 and \$117,062,108, respectively)	75,020,750	77,152,704
Cash	11,841,767	17,922,630
Funds held in escrow from sales of investments at value (Note 3)	116,781	374,565
Receivable from portfolio companies	209,477	13,032
Receivable from sale of investments (Note 3)	383,581	0
Interest receivable	99,815	10,333
Prepaid expenses	358,135	563,699
Other assets	398,052	424,123
Total assets		\$96,461,286
LIABILITIES & NET ASSETS	¢00,1 2 0,000	¢,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Term loan credit facility (Note 5)	\$5,000,000	\$5,000,000
Post retirement plan liabilities (Note 8)	1,222,360	1,202,148
Accounts payable and accrued liabilities	671,828	1,268,355
Deferred rent	249,896	279,112
Total liabilities	\$7,144,084	\$7,749,615
Commitments and contingencies (Note 11)		
Net assets	\$81,284,282	\$88,711,671
Net assets are comprised of:		
Preferred stock, \$0.10 par value, 2,000,000 shares authorized; none issued	\$0	\$0
Common stock, \$0.01 par value, 45,000,000 shares authorized at 6/30/16 and 12/31/15;	332,186	331,836
33,218,651 and 33,183,576 issued at 6/30/16 and 12/31/15, respectively	552,180	551,850
Additional paid in capital (Note 9)		215,762,973
Accumulated net operating and realized loss		(83,377,629)
Accumulated unrealized depreciation of investments	(40,673,339)	
Accumulated other comprehensive income (Note 8)	404,728	509,220
Treasury stock, at cost (2,337,822 shares at 6/30/16 and 12/31/15) (Note 12)	(4,605,525)	(4,605,525)

Net assets	\$81,284,282	\$88,711,671
Shares outstanding	30,880,829	30,845,754
Net asset value per outstanding share	\$2.63	\$2.88

The accompanying unaudited notes are an integral part of these consolidated financial statements.

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

	Three Montl	hs Ended	Six Months Ended			
	June 30,	June 30,	June 30,	June 30,		
	2016	2015	2016	2015		
Investment income:						
Interest from:						
Unaffiliated companies	\$3,692	\$9,533	\$6,310	\$20,776		
Non-controlled affiliated companies	96,806	201,896	152,872	254,322		
Controlled affiliated companies	95,718	47,207	186,142	91,633		
Cash and U.S. Treasury securities and other	917	3,318	2,349	4,748		
Fees for providing managerial assistance to portfolio	222,976	6,500	369,853	13,500		
companies (Note 14)	,					
Yield-enhancing fees on debt securities	39,933	19,741	44,558	46,048		
Total investment income	460,042	288,195	762,084	431,027		
Expenses:						
Salaries, benefits and stock-based	617,599	977,689	1,221,507	2,056,178		
compensation (Note 9)						
Administration and operations	110,120	134,860	252,412	236,094		
Professional fees	349,743	314,785	648,565	887,019		
Rent (Note 3)	57,221	67,758	114,441	135,464		
Insurance expense	67,538	73,724	127,113	141,335		
Directors' fees and expenses	74,151	68,901	144,760	188,525		
Interest and other debt expenses	208,025	208,026	416,051	351,746		
Custody fees	12,629	15,704	24,690	31,616		
Depreciation	11,322	12,055	22,777	24,702		
Total expenses	1,508,348	1,873,502	2,972,316	4,052,679		
Net operating loss	(1,048,306) (1,585,307)	(2,210,232)) (3,621,652)		
Net realized gain (loss):						
Realized gain (loss) from investments:	000 501	2 200 251				
Unaffiliated companies	233,531	3,289,351	(2,925,462)			
Non-controlled affiliated companies	0		(1,244,955)			
Publicly traded companies	15	41,411	15	41,411		
Realized gain (loss) from investments	233,546	3,232,118	(4,170,402)			
Income tax (benefit) expense (Note 10)) 1,600	4,491	1,705		
Net realized gain (loss) from investments	234,885	3,230,518	(4,174,893)	1 2,947,112		
Net (increase) decrease in unrealized						
depreciation on investments:	1 477 001	(2 792 012	4 2 (0 770	(1, 105, 0.16)		
Unaffiliated companies	1,477,991	(3,782,012)		(4,405,846)		
Controlled affiliated companies	· · ·) 199,923	(1,190,061)	/ · /		
Unaffiliated rights to milestone payments	34,088) (12,681)		
Non-controlled affiliated companies	2,402,785	3,434,300	5,512,736	(146,818)		
Publicly traded non-controlled affiliated companies			,) (601,804)		
Publicly traded unaffiliated companies			· · · · · · · · · · · · · · · · · · ·) 222,951		
Net increase in unrealized depreciation on investments				(4,587,158)		
Net realized and unrealized (loss) gain on investments) 114,141		(1,640,046)		
Share of loss on equity method investments	(43,917) (58,330)	(85,399) (189,836)		
Net decrease in net assets resulting from operations:						

Total Per average basic and diluted outstanding share Average outstanding shares - basic and diluted \$(1,185,045) \$(1,529,496) \$(7,234,659) \$(5,451,534) \$(0.04) \$(0.05) \$(0.24) \$(0.17) 30,850,982 31,285,894 30,848,368 31,283,382

HARRIS & HARRIS GROUP, INC. CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS (Unaudited)

	Three Months Ended June 30, 2016	Three Months Ended June 30, 2015	Six Months Ended June 30, 2016	Six Months Ended June 30, 2015
Net decrease in net assets resulting from operations Other comprehensive loss:	\$(1,185,045)	\$(1,529,496)	\$(7,234,659)	\$(5,451,534)
Amortization of prior service (benefit)	(52,246)	(52,246)	(104,492)	(104,492)
Other comprehensive loss	(52,246)	(52,246)	(104,492)	(104,492)
Comprehensive loss	\$(1,237,291)	\$(1,581,742)	\$(7,339,151)	\$(5,556,026)

HARRIS & HARRIS GROUP, INC. CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

(Unaudited)	~ ~ ~ ~	~	
	Six Months	Six Months	
	Ended	Ended	
	June 30, 2016	5 June 30, 2015	
Cash flows used in operating activities:	(7.224 (50)		
Net decrease in net assets resulting from operations	\$(7,234,659)	\$(5,451,534)	
Adjustments to reconcile net decrease in net assets resulting from operations to net cash			
used in operating activities:			
Net realized loss and change in unrealized	4,934,537	1,638,341	
depreciation on investments	.,	_,,_	
Depreciation of fixed assets, amortization of prepaid	(230,834) (279,990)	
assets and accretion of bridge note interest			
Share of loss on equity method investments	85,399	189,836	
Stock-based compensation (benefit) expense		431,981	
Amortization of prior service (benefit)) (104,492)	
Funding of operating commitment to equity method investments) (262,215)	
Purchase of affiliated portfolio companies) (4,275,915)	
Purchase of unaffiliated portfolio companies	(698,300) (509,824)	
Payments received on debt investments	0	186,109	
Proceeds from repayment of bridge notes of affiliated portfolio companies	113,950	39,757	
Proceeds from sale of investments of unaffiliated portfolio companies	1,161,942	5,557,846	
Proceeds from repayment of bridge notes of controlled affiliated portfolio companies	750,000	0	
Proceeds from publicly traded unaffiliated companies	0	100,491	
Changes in assets and liabilities:			
Receivable from portfolio companies	(196,445) 143,377	
Receivable from sale of investments) 0	
Interest receivable	(89,482) (10,344)	
Prepaid expenses	205,564	200,089	
Other assets	3,289	(138,848)	
Post retirement plan liabilities	20,212	26,347	
Accounts payable and accrued liabilities	(596,527) (167,075)	
Deferred rent	(29,216) (25,712)	
Net cash used in operating activities	(6,058,548) (2,711,775)	
Cash flows from investing activities:			
Purchase of fixed assets	0	(6,806)	
Net cash used in investing activities	0	(6,806)	
Cash flows from financing activities:			
Proceeds from drawdown of loan facility	0	5,000,000	
Payment of withholdings related to net settlement of restricted stock	(22,315) (47,644)	
Net cash (used in) provided by financing activities	(22,315	4,952,356	
Net (decrease) increase in cash	\$(6,080,863)	\$2,233,775	
Cash at beginning of the period	17,922,630	20,748,314	
Cash at end of the period	\$11,841,767	\$22,982,089	
Supplemental disclosures of cash flow information:			
Income taxes paid	\$4,491	\$1,705	
Interest paid	\$252,778	\$0	
-			

HARRIS & HARRIS GROUP, INC. CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS (Unaudited)

	Six Months Ended	Year Ended December 31	,
	June 30, 2016	5 2015	
Changes in net assets from operations:			
Net operating loss	\$(2,210,232)	\$(7,162,510))
Net realized (loss) gain on investments	(4,174,893	4,531,700	
Net increase in unrealized depreciation on investments	(764,135) (17,302,729)
Share of loss on equity method investments	(85,399) (312,291)
Net decrease in net assets resulting from operations	(7,234,659) (20,245,830)
Changes in net assets from capital stock transactions:			
Purchase of treasury stock	0	(1,199,994)
Acquisition of vested restricted stock awards to pay required employee withholding tax	(22,315) (86,914)
Stock-based compensation (benefit) expense	(65,923) 798,965	
Net decrease in net assets resulting from capital stock transactions	(88,238) (487,943)
Changes in net assets from accumulated other comprehensive loss:			
Other comprehensive loss	(104,492) (208,983)
Net decrease in net assets resulting from accumulated other comprehensive loss	(104,492) (208,983)
Net decrease in net assets:	(7,427,389) (20,942,756)
Net Assets:			
Beginning of the period	88,711,671	109,654,427	
End of the period	\$81,284,282	\$88,711,671	

The accompanying unaudited notes are an integral part of these consolidated financial statements.

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Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Unaffiliated Companies (3) - 12.5% of net assets at value					
Private Placement Portfolio (Illiquid) (4) - 8.1% of net assets at value					
Bridgelux, Inc. (5)(8)(9)(10) Manufacturing high-power light emitting diodes (LEDs) and arrays		Energy			
Series B Convertible Preferred Stock (acquired 11/29/07) Series C Convertible Preferred Stock (acquired 7/27/07) Series D Convertible Preferred Stock (acquired 2/25/08-3/10/10) Series E Convertible Preferred Stock (acquired 6/1/11) Series E-1 Convertible Preferred Stock (acquired 3/16/12)	(M) (M) (M) (M) (M)		\$1,000,000 1,352,196 1,371,622 672,599 386,073	1,861,504 2,130,699 999,999 440,334 399,579	
12/31/17 (acquired $10/21/11$)	(M)		93,969	170,823	
	(M) (M)		148,409 18,816 5,043,684	171,183 84,846	 2,120,586
Fleet Health Alliance, LLC (5)(8)(9)(11) Developing software for information transfer amongst healthcare		Life Sciences			
providers and consumers Unsecured Convertible Bridge Note, 0%, (acquired 4/22/16)	(M)		225,000	\$225,000	225,000
Mersana Therapeutics, Inc. (5)(8)(9)		Life Sciences			
Developing antibody drug conjugates for cancer therapy Common Stock (acquired 7/27/12) Series A-1 Convertible Preferred Stock (acquired 7/27/12-4/2/14)	(H) (H)		3,875,395 683,538	350,539 635,081	717,468 1,333,985
Series B-1 Convertible Preferred Stock (acquired 2/20/15-6/14/16)	(H)		365,820	339,887	729,566
			4,924,753		2,781,019
Muses Labs, Inc. (5)(8)(11)		Life Sciences			
Developing a data analytics platform for precision medicine Unsecured Convertible Bridge Note, 5%, (acquired 5/25/16)	(M)		213,075	\$212,000	213,075

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Unaffiliated Companies (3) - 12.5% of net assets at value (Cont.)					
Private Placement Portfolio (Illiquid) (4) - 8.1% of net assets at value (Cont.)					
Nanosys, Inc. (5)(8)(9) Developing inorganic nanowires and quantum dots for use in LED-backlit devices		Energy			
Series C Convertible Preferred Stock (acquired 4/10/03)	(M)	1	\$1,500,000	803 428	\$128,337
Series D Convertible Preferred Stock (acquired 11/7/05)	(M)		3,000,003	1,016,950	
Series E Convertible Preferred Stock (acquired 8/13/10)	(M)		496,573 4,996,576	433,688	320,819 882,577
Nano Terra, Inc. (5)(8)		Energy			
Developing surface chemistry and nano-manufacturing solution	15	85			
Warrants for Common Stock expiring on 2/22/21 (acquired 2/22/11)	(I)		69,168	4,462	356
Warrants for Series A-3 Preferred Stock expiring on 11/15/22 (acquired 11/15/12)	(I)		35,403	47,508	84,228
(104,571		84,584
		Life			
Phylagen, Inc. (5)(8)		Sciences			
Developing technology to improve human health and business productivity					
Secured Convertible Bridge Note, 5%, (acquired 2/5/15)	(M)		214,027	\$200,000	,
Secured Convertible Bridge Note, 5%, (acquired 6/5/15)	(M))	10,537 224,564	\$10,000	14,752 314,390
Total Unaffiliated Private Portfolio (cost: \$15,732,223)					\$6,621,231
Rights to Milestone Payments (Illiquid) (6) - 3.7% of net assets at value					
Amgen, Inc. (8)(9)		Life Sciences			
Rights to Milestone Payments from Acquisition of BioVex Group, Inc. (acquired 3/4/11)	(I)	Serences	\$548,998	\$548,998	\$2,527,629

(Chaddhod)					
Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Rights to Milestone Payments (Illiquid) (6) - 3.7% of net assets at value (Cont.)					
Canon, Inc. (8)(9) Rights to Milestone Payments from Acquisition of Molecular Imprints, Inc. (acquired 4/18/14)	(I)	Electronics	\$232,865	\$232,865	\$466,228
Laird Technologies, Inc. (8)(9) Rights to Milestone Payments from Merger & Acquisition of	(I)	Energy	0	\$0	0
Nextreme Thermal Solutions, Inc. (acquired 2/13/13)	(1)		0	φU	0
Total Unaffiliated Rights to Milestone Payments (cost: \$781,863)					\$2,993,857
Publicly Traded Portfolio (7) - 0.7% of net assets at value					
Champions Oncology, Inc. (5)(9)		Life Sciences			
Developing its TumorGraftTM platform for personalized medicine and drug development					
Common Stock (acquired 3/24/11-3/11/15)	(M))	\$1,622,629	243,540	\$547,721
Warrants for Common Stock expiring 1/28/19 (acquired 1/28/13)	(I)		400	5,500	4,494
			\$1,623,029		\$552,215
Total Unaffiliated Publicly Traded Portfolio (cost: \$1,623,029))				\$552,215
Total Investments in Unaffiliated Companies (cost: \$18,137,115)					\$10,167,303

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Non-Controlled Affiliated Companies (3) - 71.6% of net assets at value					
Private Placement Portfolio (Illiquid) (12) - 59.7% of net assets at value					
ABSMaterials, Inc. (5)(8) Developing nano-structured absorbent materials for water remediation and consumer applications	on	Energy			
Series A Convertible Preferred Stock (acquired 2/17/10-10/24/11)	(I)		\$435,000	,	\$231,918
Series B Convertible Preferred Stock (acquired 11/8/13-6/25/14)	(I)			1,037,751	
Secured Convertible Bridge Note, 8%, (acquired 1/20/16)	(M))	103,573 1,756,217	\$100,000	103,573 1,313,734
AgBiome, LLC (5)(8)(9)		Life Sciences			
Providing early-stage research and discovery for agriculture and utilizing the crop microbiome to identify products that reduce risk an improve yield	ıd				
Series A-1 Convertible Preferred Stock (acquired 1/30/13)	(I)		2,000,000	2,000,000	4,621,038
Series A-2 Convertible Preferred Stock (acquired 4/9/13-10/15/13)	(I)		521,740	417,392	1,005,124
Series B Convertible Preferred Stock (acquired 8/7/15)	(I)		500,006 3,021,746	160,526	571,997 6,198,159

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value

Investments in Non-Controlled Affiliated Companies (3) - 71.6% of net assets at value (Cont.)

Private Placement Portfolio (Illiquid) (12) - 59.7% of net assets at value (Cont.)

D-Wave Systems, Inc. (5)(8)(9)(13)	I	Electronics			
Developing high-performance quantum computing systems					
Series 1 Class B Convertible Preferred Stock (acquired 9/30/08)	(H)		\$1,002,074	1,144,86	9\$2,536,278
Series 1 Class C Convertible Preferred Stock (acquired 9/30/08)	(H)		487,804	450,450	1,001,791
Series 1 Class D Convertible Preferred Stock (acquired 9/30/08)	(H)		748,473	855,131	1,901,794
Series 1 Class E Convertible Preferred Stock (acquired 11/24/10)	(H)		248,049	269,280	606,587
Series 1 Class F Convertible Preferred Stock (acquired 11/24/10)	(H)		238,323	258,721	582,801
Series 1 Class H Convertible Preferred Stock (acquired 6/27/14)	(H)		909,088	460,866	1,121,259
Series 2 Class D Convertible Preferred Stock (acquired 9/30/08)	(H)		736,019	678,264	1,508,446
Series 2 Class E Convertible Preferred Stock (acquired 6/1/12-3/22/13)	(H)		659,493	513,900	1,164,235
Series 2 Class F Convertible Preferred Stock (acquired 6/1/12-3/22/13)	(H)		633,631	493,747	1,118,578
Warrants for Common Stock expiring 5/12/19 (acquired 5/12/14)	(I)		26,357 5,689,311	20,415	16,457 11,558,226

EchoPixel, Inc. (5)(8)		Life Sciences		
Developing virtual reality 3-D visualization software for life sciences and health care applications				
Series Seed Convertible Preferred Stock (acquired 6/21/13-6/30/14)	(I)		1,250,000	4,194,6301,365,715
Series Seed-2 Convertible Preferred Stock (acquired 1/22/16)	(I)		500,000 1,750,000	1,476,668508,330 1,874,045
Ensemble Therapeutics Corporation (5)(8)(9)		Life Sciences		
Developing DNA-Programmed Chemistry TM for the discovery of new classes of therapeutics	2			
Series B Convertible Preferred Stock (acquired 6/6/07)	(I)		2,000,000	1,449,2750
Series B-1 Convertible Preferred Stock (acquired 4/21/14)	(I)		679,754 2,679,754	492,575 1,289,653 1,289,653

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Non-Controlled Affiliated Companies (3) - 71.6% of net assets at value (Cont.)					
Private Placement Portfolio (Illiquid) (12) - 59.7% of net assets at value (Cont.)					
HZO, Inc. (5)(8)		Electronics			
Developing novel industrial coatings that protect electronics again	st				
damage from liquids					
Common Stock (acquired 6/23/14)	(H)		\$666,667	405,729	\$672,553
Series I Convertible Preferred Stock (acquired 6/23/14)	(H)		5,709,835	2,266,894	5,614,379
Series II Convertible Preferred Stock (acquired 6/23/14-8/3/15)	(H)		2,500,006	674,638	2,302,053
Unsecured Convertible Bridge Note, 10%, (acquired 6/15/16)	(H)		251,096	\$250,000	307,865
			9,127,604		8,896,850
Lease Light Engines Inc. $(2)(0)(14)$		Energy			
Laser Light Engines, Inc. (8)(9)(14) Manufactured solid-state light sources for digital cinema and		Energy			
large-venue projection displays					
Series A Convertible Preferred Stock (acquired 5/6/08)	(M)		2 000 000	7,499,062	0
Series B Convertible Preferred Stock (acquired 9/0/08)	(M)			13,571,848	
Secured Convertible Bridge Note, 12%, (acquired 10/7/2011)	(M)		200,000	\$ 200,000	0
Secured Convertible Bridge Note, 12%, (acquired 11/17/2011) Secured Convertible Bridge Note, 12%, (acquired 11/17/2011)	(M)		95,652	\$ 200,000 \$ 95,652	0
Secured Convertible Bridge Note, 12%, (acquired 11/1//2011) Secured Convertible Bridge Note, 12%, (acquired 12/21/2011)	(M)		82,609	\$ 82,609	0
Secured Convertible Bridge Note, 12%, (acquired 3/5/2012)	(M)		434,784	\$ 434,784	0
Secured Convertible Bridge Note, 12%, (acquired 7/26/2012) Secured Convertible Bridge Note, 12%, (acquired 7/26/2012)	(M)		186,955	\$ 186,955	0
Secured Convertible Bridge Note, 20%, (acquired 4/29/2012)	(M)		166,667	\$ 166,667	0
Secured Convertible Bridge Note, 20%, (acquired 7/22/2013)	(M)		166,667	\$ 166,667	0
Secured Convertible Bridge Note, 10%, (acquired 10/30/2013)	(M)		80,669	\$ 80,669	0
Secured Convertible Bridge Note, 10%, (acquired 2/5/2014)	(M)		19,331	\$ 19,331	0
Secured Convertible Bridge Note, 10%, (acquired 6/24/2014)	(M)		13,745	\$ 13,745	0
	. /		6,542,881		0

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value		
Investments in Non-Controlled Affiliated Companies (3) - 71.6% of net assets at value (Cont.)		
Private Placement Portfolio (Illiquid) (12) - 59.7% of net assets at value (Cont.)		
Lodo Therapeutics Corporation (5)(8)(9)	Life Scienc	es
Developing and commercializing novel therapeutics derived from a metagenome-based Natural Product Discovery Platform		
Series A Convertible Preferred Stock (acquired 12/21/15-4/22/16)	(I)	\$658,190 658,190 \$670,056
Metabolon, Inc. (5)(8)(9)	Life Scienc	es
Developing a biochemical profiling platform for precision medicine Series B Convertible Preferred Stock (acquired 6/29/09)	(H)	2,500,000 371,739 3,319,486
Series B-1 Convertible Preferred Stock (acquired 6/29/09)	(H)	706,214 148,696 1,327,793
Series C Convertible Preferred Stock (acquired 4/30/09)	(H)	1,000,000 1,000,0003,050,329
Series D Convertible Preferred Stock (acquired 8/25/11)	(H)	1,499,999 835,882 2,569,683
Series E-1 Convertible Preferred Stock (acquired 3/2/15)	(H)	1,225,000 444,404 1,454,456
Series E-2 Convertible Preferred Stock (acquired 3/2/15)	(H)	299,999103,277331,0397,231,21212,052,786
ORIG3N, Inc. (5)(8)(9)	Life Scienc	20
Developing precision medicine applications for induced pluripotent	Scienc	
stems cells		
Series 1 Convertible Preferred Stock (acquired 2/5/15-8/5/15)	(I)	500,000 1,195,3151,115,811
Series A Convertible Preferred Stock (acquired 11/25/15)	(I)	750,000 682,333 735,531
		1,250,000 1,851,342
Petra Pharma Corporation (5)(8)(9)	Life Scienc	es
Developing small molecule inhibitors for treatment of cancer and metabolic diseases		
Series A Convertible Preferred Stock (acquired 12/23/15)	(I)	1,025,050 1,025,0501,052,243

(Onauditeu)					
Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Non-Controlled Affiliated Companies (3) - 71.6% of net assets at value (Cont.)					
Private Placement Portfolio (Illiquid) (12) - 59.7% of net assets at value (Cont.)					
Produced Water Absorbents, Inc. (5)(8)(15) Providing integrated process separation solutions to the global oil and gas industries, enabling onsite treatment of produced and flowback water		Energy			
Common Stock (acquired 4/30/16) Warrants for Common Stock expiring upon liquidation even (acquired 4/30/16)	(M) t (I)		\$7,670,281 65,250	50,243,347 450,000	\$285,670 0
Senior Secured Debt, 15% commencing on 4/1/16, maturing on 12/31/19 (acquired 4/1/16)	^g (I)		1,910,193 9,645,724	\$2,533,766	1,494,000 1,779,670
Total Non-Controlled Affiliated Private Portfolio (cost: \$50,377,689)					\$48,536,764
Publicly Traded Portfolio (16) - 11.9% of net assets at value					
Adesto Technologies Corporation (5)(9)(17) Developing low-power, high-performance memory devices		Electronics			
Common Stock (acquired 10/27/15)	(M)		\$11,482,417	1,769,868	\$5,805,167
Enumeral Biomedical Holdings, Inc. (5)(9)		Life Sciences			
Developing therapeutics and diagnostics through functional assaying of single cells					
Common Stock (acquired 7/31/14)	(M)		4,993,357	7,966,368	1,577,341
Warrants to purchase Common Stock expiring 2/2/2024 (acquired 7/31/14)	(I)		57,567	255,120	38,833
Warrants to purchase Common Stock expiring 7/30/2019 (acquired 7/31/14)	(I)		540,375	1,500,000	37,500
Options to purchase Common Stock at \$1.00 expiring 7/30/2016 (acquired 8/4/14)	(I)		0	80,000	0
115012010 (acquired 017/17)			5,591,299		1,653,674

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Publicly Traded Portfolio (16) - 11.9% of net assets at value (Cont.)					
OpGen, Inc. (5)(8)(9)(18)		Life Sciences			
Developing tools for genomic sequence assembly and analysis					
Common Stock (acquired 5/5/15)	(M)		\$5,665,708	1,409,796	\$2,142,890
Warrants for the Purchase of Common Stock expiring 5/8/20 (acquired 5/5/15)	(M)		425,579	300,833	57,385
Warrants for the Purchase of Common Stock expiring	(I)		785	31,206	28,932
2/17/25 (acquired 5/5/15)			6,092,072		2,229,207
Total Non-Controlled Affiliated Publicly Traded Portfolio (cost: \$23,165,788)					\$9,688,048
Total Investments in Non-Controlled Affiliated Companies (cost: \$73,543,477)					\$58,224,812
Investments in Controlled Affiliated Companies (3) - 7.8% of net assets at value					
Private Placement Portfolio (Illiquid) (19) - 7.8% of net assets at value					
Black Silicon Holdings, Inc. (5)(8)(14)(20) Holding company for interest in a company that develops silicon-based optoelectronic products		Electronics			
Series A Convertible Preferred Stock (acquired 8/4/15)	(I)		\$750,000	233,499	\$0
Series A-1 Convertible Preferred Stock (acquired 8/4/15)	(I)		890,000	2,966,667	0
Series A-2 Convertible Preferred Stock (acquired 8/4/15) Series B-1 Convertible Preferred Stock (acquired 8/4/15)	(I) (I)		2,445,000 1,169,561	4,207,537 1,892,836	0 0
Series C Convertible Preferred Stock (acquired 8/4/15)	(I) (I)		1,109,301	1,674,030	0
Secured Convertible Bridge Note, 8%, (acquired 8/4/15)	(I)		1,372,775 7,798,652	\$1,278,453	

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Controlled Affiliated Companies (3) - 7.8% of net assets at value (Cont.)					
Private Placement Portfolio (Illiquid) (19) - 7.8% of net assets at value (Cont.)					
Interome, Inc. (5)(8)(11)		Life Sciences			
Developing a platform to facilitate precision health and medicine Common Stock (acquired 3/1/16) Secured Convertible Bridge Note, 12%, (acquired 3/1/16)	(M) (M)		\$ 10 300,000 300,010	1,000,000 \$ 300,000	
NGX Bio, Inc. (5)(8)(21)		Life Sciences			
Developing translational genomics solutions Series Seed Convertible Preferred Stock (acquired 6/6/14-1/10/16) Series A Convertible Preferred Stock (acquired 8/20/15-9/30/15) Unsecured Convertible Bridge Note, 6% (acquired 4/6/16)	(I) (I) (M)	1	500,002 499,999 507,068 1,507,06	329,989 \$500,000	504,999 341,867 507,068 1,353,934
ProMuc, Inc. (5)(8)		Life Sciences			
Developing synthetic mucins for the nutritional, food and health car markets	e				
Common Stock (acquired 12/18/13)	(M)		1	1,000	1
Secured Convertible Bridge Note, 8%, (acquired 12/18/13) Secured Convertible Bridge Note, 8%, (acquired 8/13/14)	(M) (M)		421,036 115,079	\$350,000 \$100,000	
Secured Convertible Bridge Note, 8%, (acquired 8/15/14) Secured Convertible Bridge Note, 8%, (acquired 8/5/15)	(M)		80,441	\$75,000	80,441
Secured Convertible Bridge Note, 8%, (acquired 12/7/15)	(M)		57,495 674,052	\$55,000	57,495 674,052

Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Investments in Controlled Affiliated Companies (3) - 7.8% of net assets at value (Cont.)					
Private Placement Portfolio (Illiquid) (19) - 7.8% of net assets at value (Cont.)					
Senova Systems, Inc. (5)(8)		Life Sciences			
Developing next-generation sensors to measure pH			¢ 1 0 10 4 (0	1 250 000	
Series B Convertible Preferred Stock (acquired 9/9/11-7/18/1 Series B-1 Convertible Preferred Stock (acquired	12)(1)		\$1,218,462	1,350,000	\$0
8/1/13-1/15/14)	(I)		1,083,960	2,759,902	0
Warrants for Series B Preferred Stock expiring 4/24/18 (acquired 4/24/13)	(I)		20,000	25,000	0
Series C Convertible Preferred Stock (acquired 10/24/14-4/1/15)	(I)		1,208,287	1,611,049	872,564
Warrants for Series B Preferred Stock expiring 10/15/17	(I)		131,538	164,423	0
(acquired 10/15/12) Secured Convertible Bridge Note, 8%, (acquired 1/15/16)	(I)		261,507 3,923,754	\$250,000	261,507 1,134,071
SynGlyco, Inc. (5)(8)(14)		Life Sciences			
Developed synthetic carbohydrates for pharmaceutical applications		Sciences			
Common Stock (acquired 12/13/11)	(I)		2,729,817	57,463	0
Series A' Convertible Preferred Stock (acquired					0
12/13/11-6/7/12)	(I)		4,855,627	4,855,627	
Secured Convertible Bridge Note, 8%, (acquired 2/26/16)	(I)		69,696 7,655,140	\$67,823	52,339 52,339
TARA Biosystems, Inc. (5)(8)		Life Sciences			
Developing human tissue models for toxicology and drug discovery applications					
Common Stock (acquired 8/20/14)	(I)		20	2,000,000	260,000
Secured Convertible Bridge Note, 8%, (acquired 8/20/14)	(M)		346,440	\$300,000	519,660
Secured Convertible Bridge Note, 8%, (acquired 5/18/15)	(M)		218,130	\$200,000	327,196
Secured Convertible Bridge Note, 8%, (acquired 12/1/15)	(M)		1,256,022 1,820,612	\$1,200,000	1,256,022 2,362,878

Total Controlled Private Placement Portfolio (cost: \$23,679,289)

\$6,294,427

HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF JUNE 30, 2016 (Unaudited)

(onutation)					
Method of Primary Valuation (1) Industry (2) Cost Shares/ Principal Value					
Total Investments in Controlled Affiliated Companies (cost: \$23,679,289)					\$6,294,427
Total Investments in Private Placement and Publicly Traded Portfolio (cost: \$115,359,881)					\$74,686,542
Equity Method Investments (22) - 0.4% of net assets at value					
Private Placement Portfolio (Illiquid) (22) - 0.4% of net assets at value					
Accelerator IV-New York Corporation (8)(9)(23)		Life Sciences			
Identifying and managing emerging biotechnology companies Series A Common Stock (acquired 7/21/14-1/29/16)	(E))	\$199,726	581,907	\$199,726
AgTech Accelerator Corporation (8)(9)(11)(23)		Life Sciences			
Identifying and managing emerging agriculture technologies companies					
Common Stock (acquired 5/4/16)	(E))	134,490	150,000) 134,490
Total Equity Method Investments (cost: \$334,216)					\$334,216
Total Investments (cost: \$115,694,097)					\$75,020,758

Notes to Consolidated Schedule of Investments

(1)See "Footnote to Consolidated Schedule of Investments" on page 37 for a description of the "Valuation Procedures."

We classify "Energy" companies as those that seek to improve performance, productivity or efficiency, and to reduce environmental impact, waste, cost, energy consumption or raw materials. We classify "Electronics"

- (2) companies as those that address problems in electronics-related industries, including semiconductors and computing. We classify "Life Sciences" companies as those that address problems in life sciences-related industries, including precision health and precision medicine, biotechnology, agriculture, advanced materials and chemicals, health care, bioprocessing, water, industrial biotechnology, food, nutrition and energy. Investments in unaffiliated companies consist of investments in which we own less than five percent of the voting shares of the portfolio company. Investments in non-controlled affiliated companies consist of investments in which we own five percent or more, but less than 25 percent, of the voting shares of the portfolio company, or where we hold one or more seats on the portfolio company's board of directors but do not control the company.
- (3) Investments in controlled affiliated companies consist of investments in which we own 25 percent or more of the voting shares of the portfolio company or otherwise control the company, including control of a majority of the seats on the board of directors, or more than 25 percent of the seats on the board of directors, with no other entity or person in control of more director seats than us. Among our controlled affiliated companies, ProMuc, Inc., and Interome, Inc., were 100 percent owned by us at June 30, 2016.
- The aggregate cost for federal income tax purposes of investments in unaffiliated privately held companies is (4)\$15,732,223. The gross unrealized appreciation based on the tax cost for these securities is \$89,826. The gross unrealized depreciation based on the tax cost for these securities is \$9,200,818.
- (5) All or a portion of the investments or instruments are pledged as collateral under our Loan Facility with Orix Corporate Capital, Inc.
- The aggregate cost for federal income tax purposes of investments in unaffiliated rights to milestone payments is
- (6) \$781,863. The gross unrealized appreciation based on the tax cost for these securities is \$2,211,994. The gross unrealized depreciation based on the tax cost for these securities is \$0.

The aggregate cost for federal income tax purposes of investments in unaffiliated publicly traded companies is

- (7)\$1,623,029. The gross unrealized appreciation based on the tax cost for these securities is \$0. The gross unrealized depreciation based on the tax cost for these securities is \$1,070,814.
- (8) We are subject to legal restrictions on the sale of our investment(s) in this company.
- Represents a non-income producing investment. Investments that have not paid dividends or interest within the last $(9)_{12}$ 12 months are considered to be non-income producing.

On July 21, 2015, Bridgelux, Inc., signed a definitive agreement to be acquired by an investment group led by (10) China Electronics Corporation and ChongQing Linkong Development Investment Company. The close of this

- transaction occurred on August 1, 2016.
- (11)Initial investment was made in 2016.

The aggregate cost for federal income tax purposes of investments in non-controlled affiliated privately held (12) companies is \$50,377,689. The gross unrealized appreciation based on the tax cost for these securities is

\$14,631,348. The gross unrealized depreciation based on the tax cost for these securities is \$16,472,273.

D-Wave Systems, Inc., is located and is doing business primarily in Canada. We invested in D-Wave through Parallel Universes, Inc., a Delaware company. Our investment is denominated in Canadian dollars and is subject

- (13)to foreign currency translation. See "Note 3. Summary of Significant Accounting Policies." D-Wave is not a qualifying asset under Section 55(a) of the 1940 Act. Under the 1940 Act, we may not acquire non-qualifying assets unless, at the time the acquisition is made, qualifying assets are at least 70 percent of our total assets. Represents a non-operating entity that exists to collect future payments from licenses or other engagements and/or (14)
- monetize assets for future distributions to investors and debt holders.
- (15)Produced Water Absorbents, Inc., also does business as ProSep, Inc.
- The aggregate cost for federal income tax purposes of investments in non-controlled affiliated publicly traded (16) companies is \$23,165,788. The gross unrealized appreciation based on the tax cost for these securities is \$0. The gross unrealized depreciation based on the tax cost for these securities is \$13,477,740.
- The Company's shares of Adesto Technologies Corporation were subject to a lock-up agreement that restricted our ability to trade these securities. The lock-up agreement expired on April 25, 2016. A total of 200,000 shares
- (17) are not qualifying assets under Section 55(a) of the 1940 Act. Under the 1940 Act, we may not acquire non-qualifying assets unless, at the time the acquisition is made, qualifying assets are at least 70 percent of our total assets.

As of June 30, 2016, the Company's securities of OpGen, Inc., were subject to a lock-up agreement that restricted our ability to trade these securities. The lock-up agreement expires on August 18, 2016. A total of 300,833 shares

(18) and 300,833 warrants are not qualifying assets under Section 55(a) of the 1940 Act. Under the 1940 Act, we may not acquire non-qualifying assets unless, at the time the acquisition is made, qualifying assets are at least 70 percent of our total assets.

The aggregate cost for federal income tax purposes of investments in controlled affiliated companies is

(19)\$23,679,289. The gross unrealized appreciation based on the tax cost for these securities is \$542,266. The gross unrealized depreciation based on the tax cost for these securities is \$17,927,128. On August 4, 2015, SiOnyx, Inc., reorganized its corporate structure to become a subsidiary of a new company,

(20) Black Silicon Holdings, Inc. Our security holdings of SiOnyx converted into securities of Black Silicon Holdings. SiOnyx was then acquired by an undisclosed buyer. Black Silicon Holdings owns a profit interest in

- the undisclosed buyer.
- (21)On August 19, 2015, UberSeq, Inc., changed its name to NGX Bio, Inc.

The aggregate cost for federal income tax purposes of investments in privately held equity method investments is (22)\$334,216. Under the equity method, investments are carried at cost, plus or minus the Company's equity in the

- increases and decreases in the investee's net assets after the date of acquisition and certain other adjustments.
- See "Note 11. Commitments and (23)Contingencies."

HARRIS & HARRIS GROUP, INC.

CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value

Investments in Unaffiliated Companies (3) -11.0% of net assets at value

Private Placement Portfolio (Illiquid) (4) -6.1% of net assets at value

Bridgelux, Inc. (5)(8)(9)(10)	Energy		
Manufacturing high-power light emitting diodes (LEDs) and arrays			
Series B Convertible Preferred Stock (acquired 11/29/07)	(M)	\$1,000,000	1,861,504\$258,939
Series C Convertible Preferred Stock (acquired 7/27/07)	(M)	1,352,196	2,130,699534,737
Series D Convertible Preferred Stock (acquired 2/25/08-3/10/10)	(M)	1,371,622	999,999 737,006
Series E Convertible Preferred Stock (acquired 6/1/11)	(M)	672,599	440,334 607,572
Series E-1 Convertible Preferred Stock (acquired 3/16/12)	(M)	386,073	399,579 400,630
Warrants for Series E Convertible Preferred Stock expiring 12/31/17 (acquired 1/27/11)	(M)	93,969	170,823 0
Warrants for Common Stock expiring 6/1/16 (acquired 6/1/11)	(M)	72,668	132,100 0
Warrants for Common Stock expiring 8/9/18 (acquired 8/9/13)	(M)	148,409	171,183 0
Warrants for Common Stock expiring 10/21/18 (acquired 10/21/11)	(M)	18,816	84,846 0
		5,116,352	2,538,884
Cambrios Technologies Corporation (5)(8)(9)(11)	Electronics		
Developed nanowire-enabled electronic materials for the display industry			
Series B Convertible Preferred Stock (acquired 11/9/04-2/16/05)	(M)	1,294,025	1,294,0250
Series C Convertible Preferred Stock (acquired 3/21/07)	(M)	1,300,000	1,300,0000
Series D Convertible Preferred Stock (acquired 8/7/09)	(M)	515,756	515,756 0
Series D-2 Convertible Preferred Stock (acquired 5/31/11)	(M)	92,400	92,400 0
Series D-4 Convertible Preferred Stock (acquired 7/12/12)	(M)	216,168	216,168 0
		3,418,349	0

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015						
Method of Valuation (1) Primary Industry (2) Cost Shares / Prim	ncipal	Value				
Investments in Unaffiliated Companies (3) – 11.0% of net assets at value (Cont.)						
Private Placement Portfolio (Illiquid) (4) – 6.1% of net assets at value (Cont.)						
Magic Leap, Inc. (8)(9)(12)		Electronics				
Developing novel human computing interfaces and software Series B Convertible Preferred Stock (acquired 5/1/15)	(I)		\$338,604	29,291	\$348,994	
Mersana Therapeutics, Inc. (5)(8)(9)		Life Sciences				
Developing antibody drug conjugates for cancer therapy Series A-1 Convertible Preferred Stock (acquired 7/27/12-4/2/14) Series B-1 Convertible Preferred Stock (acquired 2/20/15) Common Stock (acquired 7/27/12)	(H) (H) (H)		683,538 104,521 3,875,395 4,663,454		104,407	
Nanosys, Inc. (5)(8)(9) Developing inorganic nanowires and quantum dots for use in LED-backlit devices		Energy				
Series C Convertible Preferred Stock (acquired 4/10/03)	(M)		1,500,000			
Series D Convertible Preferred Stock (acquired 11/7/05) Series E Convertible Preferred Stock (acquired 8/13/10)	(M) (M)		3,000,003 496,573 4,996,576	433,688	-	
Nano Terra, Inc. (5)(8)		Energy				
Developing surface chemistry and nano- manufacturing solutions Warrants for Common Stock expiring on 2/22/21 (acquired 2/22/12)	1)(I)		69,168	4,462	211	
Warrants for Series A-3 Preferred Stock expiring on 11/15/22	(I)		35,403	47,508	61,978	
(acquired 11/15/12)	. ,		104,571		62,189	

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015							
Method of Valuation (1) Primary Industry (2) Cost Shares / Pr	incipa	al Value					
Investments in Unaffiliated Companies (3) – 11.0% of net assets at value (Cont.)							
Private Placement Portfolio (Illiquid) (4) – 6.1% of net assets at value (Cont.)							
		* 1.0					
Phylagen, Inc. (5)(8)(13)		Life Sciences					
Developing technology to improve human health and business productivity							
Secured Convertible Bridge Note, 5%, (acquired 2/5/15) Secured Convertible Bridge Note, 5%, (acquired 6/5/15)	(M) (M)		\$209,041 10,288 219,329	\$200,000 \$10,000	\$209,041 10,288 219,329		
Total Unaffiliated Private Placement Portfolio (cost: \$18,857,235))				\$5,376,472		
Rights to Milestone Payments (Illiquid) (6) – 3.8% of net assets at value							
Amgen, Inc. (8)(9)		Life Sciences					
Rights to Milestone Payments from Acquisition of BioVex Group Inc. (acquired 3/4/11)	'(I)	Sciences	\$548,998	\$548,998	\$2,900,232		
Laird Technologies, Inc. (8)(9)		Energy					
Rights to Milestone Payments from Merger & Acquisition of Nextreme Thermal Solutions, Inc. (acquired 2/13/13)	(I)		0	\$0	0		
Canon, Inc. (8)(9)		Electronics					
Rights to Milestone Payments from Acquisition of Molecular Imprints, Inc. (acquired 4/18/14)	(I)		232,865	\$232,865	461,819		
Total Unaffiliated Rights to Milestone Payments (cost: \$781,863)					\$3,362,051		
The accompanying notes are an integral part of these consolidated	fina	ncial statemer	ite				

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015						
Method of Valuation (1) Primary Industry (2) Cost Shares / Pri	ncipa	l Value				
Publicly Traded Portfolio (7) – 1.1% of net assets at value						
Champions Oncology, Inc. (5)(9)		Life Sciences				
Developing its TumorGraft TM platform for personalized medicine drug development	and					
Common Stock (acquired 3/24/11-3/11/15) Warrants for Common Stock expiring 1/28/19 (acquired 1/28/13)	(M) (I)		\$1,622,629 400 1,623,029	243,540 5,500	\$944,819 12,725 957,544	
Total Unaffiliated Publicly Traded Portfolio (cost: \$1,623,029)					\$957,544	
Total Investments in Unaffiliated Companies (cost: \$21,262,127)					\$9,696,067	
Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value						
Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value						
ABSMaterials, Inc. (5)(8)(9) Developing nano-structured absorbent materials for water remediation and consumer applications		Energy				
Series A Convertible Preferred Stock (acquired 2/17/10-10/24/11) Series B Convertible Preferred Stock (acquired 11/8/13-6/25/14)	(I) (I)		\$435,000 1,217,644 1,652,644	-	\$160,303 1823,319 983,622	
AgBiome, LLC (5)(8)(9)		Life Sciences				
Providing early-stage research and discovery for agriculture and utilizing the crop microbiome to identify products that reduce risk and improve yield		Sciences				
Series A-1 Convertible Preferred Stock (acquired 1/30/13) Series A-2 Convertible Preferred Stock (acquired 4/9/13-10/15/13 Series B Convertible Preferred Stock (acquired 8/7/15)	(I) (I) (I)		2,000,000 521,740 500,006 3,021,746	417,392	04,022,722 891,588 575,979 5,490,289	

HARRIS & HARRIS GROUP, INC.

CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value

Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)

Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)

D-Wave Systems, Inc. (8)(9)(15)		Electronics			
Developing high-performance quantum computing systems					
Series 1 Class B Convertible Preferred Stock (acquired 9/30/08)	(H)		\$1,002,074	1,144,869	\$1,485,943
Series 1 Class C Convertible Preferred Stock (acquired 9/30/08)	(H)		487,804	450,450	588,844
Series 1 Class D Convertible Preferred Stock (acquired 9/30/08))(H)		748,473	855,131	1,117,858
Series 1 Class E Convertible Preferred Stock (acquired 11/24/10)	(H)		248,049	269,280	368,385
Series 1 Class F Convertible Preferred Stock (acquired 11/24/10)	(H)		238,323	258,721	353,940
Series 1 Class H Convertible Preferred Stock (acquired 6/27/14))(H)		909,088	460,866	732,972
Series 2 Class D Convertible Preferred Stock (acquired 9/30/08))(H)		736,019	678,264	886,651
Series 2 Class E Convertible Preferred Stock (acquired 6/1/12-3/22/13)	(H)		659,493	513,900	711,876
Series 2 Class F Convertible Preferred Stock (acquired 6/1/12-3/22/13)	(H)		633,631	493,747	683,959
Warrants for Common Stock expiring 5/12/19 (acquired 5/12/14)	(I)		26,357	20,415	710
			5,689,311		6,931,138
EchoPixel, Inc. (5)(8)		Life Sciences			
Developing virtual reality 3-D visualization software for life sciences and health care applications					
Series Seed Convertible Preferred Stock (acquired 6/21/13-6/30/14)	(I)		1,250,000	4,194,630	1,327,092
Secured Convertible Bridge Note, 8%, (acquired 11/25/15)	(M)		113,425 1,363,425	\$112,500	113,425 1,440,517

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015							
Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value							
Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)							
Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)							
Ensemble Therapeutics Corporation (5)(8)(9)	Life Sciences						
Developing DNA-Programmed Chemistry TM for the discovery of classes of therapeutics	of new						
Series B Convertible Preferred Stock (acquired 6/6/07)	(I)	\$2,000,000	0 1,449,275\$662,607				
Series B-1 Convertible Preferred Stock (acquired 4/21/14)	(I)	679,754	492,575 1,448,295				
		2,679,754	2,110,902				
HZO, Inc. (5)(8)(9) Developing novel industrial coatings that protect electronics aga damage from liquids	Electronic	S					
Common Stock (acquired 6/23/14)	(I)	666,667	405,729 329,802				
Series I Convertible Preferred Stock (acquired 6/23/14)	(I)	5,709,835	2,266,8944,281,820				
Series II Convertible Preferred Stock (acquired 6/23/14-8/3/15)	(I)	2,500,006	674,638 2,515,164				
		8,876,508	7,126,786				

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DEC 31, 2015	EMB	ER				
Method of Valuation (1) Primary Industry (2) Cost Shares / Prin	cipal	Value				
Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)						
Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)						
Laser Light Engines, Inc. (8)(9) Manufactured solid-state light sources for digital cinema and large-venue projection displays		Energy				
Series A Convertible Preferred Stock (acquired 5/6/08)	(M)		\$2,000,000	7 400 062	\$	0
Series B Convertible Preferred Stock (acquired 5/0/08)	(M)		3,095,802	13,571,848		0
Secured Convertible Bridge Note, 12%, (acquired 10/7/11)	(M)		200,000		0	
Secured Convertible Bridge Note, 12%, (acquired 10/7/11) Secured Convertible Bridge Note, 12%, (acquired 11/17/11)	(M)		95,652	\$ 95,652	0	
Secured Convertible Bridge Note, 12%, (acquired 12/21/11)	(\mathbf{M})		82,609	\$ 82,609	0	
Secured Convertible Bridge Note, 12%, (acquired 3/5/12)	(M)		434,784		0	
Secured Convertible Bridge Note, 12%, (acquired 3/3/12) Secured Convertible Bridge Note, 12%, (acquired 7/26/12)	(M)		186,955	. ,	0	
Secured Convertible Bridge Note, 20%, (acquired 4/29/13)	(M)		166,667	-	0	
Secured Convertible Bridge Note, 20%, (acquired 7/22/13)	(M)		166,667		0	
Secured Convertible Bridge Note, 10%, (acquired 10/30/13)	(M)		80,669	\$ 80,669	0	
Secured Convertible Bridge Note, 10%, (acquired 2/5/14)	(M)		19,331	\$ 19,331	0	
Secured Convertible Bridge Note, 10%, (acquired 6/24/14)	(M)		13,745	\$13,745	0	
			6,542,881		0	
Lodo Therapeutics Corporation (5)(8)(9)(13)		Life Sciences				
Developing and commercializing novel therapeutics derived from a metagenome-based Natural Product Discovery Platform						
Series A Convertible Preferred Stock (acquired 12/21/15)	(I)		107,900	107,900	10′	7,281

HARRIS & HARRIS GROUP, INC.

CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value

Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)

Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)

Metabolon, Inc. (5)(8)(9) Developing a biochemical profiling platform for precision		Life Sciences		
medicine Series B Convertible Preferred Stock (acquired 6/29/09) Series B-1 Convertible Preferred Stock (acquired 6/29/09) Series C Convertible Preferred Stock (acquired 4/30/09) Series D Convertible Preferred Stock (acquired 8/25/11) Series E-1 Convertible Preferred Stock (acquired 3/2/15) Series E-2 Convertible Preferred Stock (acquired 3/2/15)	(M) (M) (M) (M) (M)		\$2,500,000 706,214 1,000,000 1,499,999 1,225,000 299,999 7,231,212	371,739 \$3,699,120 148,696 1,479,647 1,000,0008,388,907 835,882 2,887,617 444,404 1,776,987 103,277 389,566 13,621,844
ORIG3N, Inc. (5)(8)(9)(13) Developing precision medicine applications for induced pluripotent stems cells		Life Sciences		
Series 1 Convertible Preferred Stock (acquired 2/5/15-8/5/15) Series A Convertible Preferred Stock (acquired 11/25/15)	(I) (I)		500,000 750,000 1,250,000	1,195,315826,563 682,333 750,338 1,576,901
Petra Pharma Corporation (5)(8)(9)(13) Developing small molecule inhibitors for treatment of cancer an metabolic diseases Series A Convertible Preferred Stock (acquired 12/23/15)	d (I)	Life Sciences	1,025,050	1,025,0501,019,755

HARRIS & HARRIS GROUP, INC.

CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Prince	ipal Value			
Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)				
Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)				
Produced Water Absorbents, Inc. (5)(8)(16)	Energ	<u>y</u>		
Providing integrated process separation solutions to the global oil and	1	-		
gas industries, enabling onsite treatment of produced and flowback				
water				
Series A Convertible Preferred Stock (acquired 6/21/11)	(M)	\$1,000,000		\$ 77,549
Series B Convertible Preferred Stock (acquired 6/20/13-3/31/14)	(M)	1,496,865	5,987,460	214,302
Series B-2 Convertible Preferred Stock (acquired 5/12/14)	(M)	1,015,427	4,322,709	154,718
Series B-3 Convertible Preferred Stock (acquired 11/14/13)	(M)	978,641	3,914,564	140,109
Series C Convertible Preferred Stock (acquired 5/26/14)	(M)	1,000,268	2,667,380	75,581
Series D Convertible Preferred Stock (acquired 2/17/15)	(M)	986,066	2,629,510	133,330
Subordinated Secured Debt, 12%, maturing on 6/30/16 (acquired 10/7/14)	(M)	990,634	\$1,000,000	560,538
Subordinated Convertible Bridge Note, 12%, (acquired 6/3/2015)	(M)	267,425	\$250,000	36,854
Subordinated Convertible Bridge Note, 12%, (acquired 7/15/2015)	(M)	263,973	\$250,000	36,378
Subordinated Convertible Bridge Note, 12%, (acquired 9/28/2015)	(M)	257,808	\$250,000	35,528
Subordinated Convertible Bridge Note, 12%, (acquired 10/30/2015)	(M)	255,178	\$250,000	35,166
Warrants for Series B-2 Preferred Stock expiring upon liquidation event (acquired 5/12/14)	(I)	65,250	300,000	174
		8,577,535		1,500,227

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HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015							
Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value							
Investments in Non-Controlled Affiliated Companies (3) – 67.9% of net assets at value (Cont.)							
Private Placement Portfolio (Illiquid) (14) – 47.2% of net assets at value (Cont.)							
Ultora, Inc. (5)(8)(17) Developed energy-storage devices enabled by carbon nanotubes		Energy					
Series A Convertible Preferred Stock (acquired 12/5/13) Series B Convertible Preferred Stock (acquired 12/5/13) Secured Convertible Bridge Note, 5%, (acquired 5/7/14) Secured Convertible Bridge Note, 5%, (acquired 8/20/14) Secured Convertible Bridge Note, 5%, (acquired 10/14/14) Secured Convertible Bridge Note, 5%, (acquired 3/30/15)	(M) (M) (M) (M) (M) (M)		\$886,830 236,603 86,039 17,208 10,750 7,525 1,244,955	17,736 2,347,254 \$ 86,039 \$ 17,208 \$ 10,750 \$ 7,525	\$0 0 0 0 0 0 0		
Total Non-Controlled Private Placement Portfolio (cost: \$49,262,921)					\$41,909,262		
Publicly Traded Portfolio (18) – 20.7% of net assets at value							
Adesto Technologies Corporation (5)(8)(9)(19) Developing low-power, high-performance memory devices Common Stock (acquired 10/27/15)	(M)	Electronics	\$11,482,417	1,769,868	\$13,645,682		
Enumeral Biomedical Holdings, Inc. (5)(8)(9)(20) Developing therapeutics and diagnostics through functional		Sciences					
assaying of single cells Common Stock (acquired 7/31/14) Warrants for Common Stock expiring 7/30/19 (acquired 7/31/14)	(M) (I)		4,993,357 540,375	7,966,368 1,500,000	1,831,468 43,326		
Warrants for Common Stock expiring 2/2/24 (acquired 7/31/14)	(I)		57,567	255,120	44,160		
Options to Purchase Common Stock at \$1.00 expiring 7/30/16 (acquired 8/4/14)	(I)		0 5,591,299	80,000	54 1,919,008		

HARRIS & HARRIS GROUP, INC.

CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value

Publicly Traded Portfolio (18) – 20.7% of net assets at value (Cont.)

OpGen, Inc. (5)(21)		Life Sciences			
Developing tools for genomic sequence assembly and analysis					
Common Stock (acquired 5/5/15)	(M)		\$5,665,708	1,409,796	\$2,678,612
Warrants for Common Stock expiring 5/8/20 (acquired 5/5/15)	(M)		425,579	300,833	101,431
Warrants for Common Stock expiring 2/17/25 (acquired	(I)		785	31,206	26,372
5/5/15)			6,092,072		2,806,415
Total Non-Controlled Affiliated Publicly Traded Portfolio (cost: \$23,165,788)					\$18,371,105
Total Investments in Non-Controlled Affiliated Companies (cost: \$72,428,709)					\$60,280,367
Investments in Controlled Affiliated Companies (3) – 7.9% of net assets at value					
Private Placement Portfolio (Illiquid) (22) – 7.9% of net assets at value					
Black Silicon Holdings, Inc. (5)(8)(23)		Electronics			
Holding company for interest in a company that develops silicon-based optoelectronic products					
Series A Convertible Preferred Stock (acquired 8/4/15)	(I)		\$750,000	233,499	\$0
Series A-1 Convertible Preferred Stock (acquired 8/4/15)	(I)		890,000	2,966,667	0
Series A-2 Convertible Preferred Stock (acquired 8/4/15)	(I)		2,445,000	4,207,537	0
Series B-1 Convertible Preferred Stock (acquired 8/4/15)	(I)		1,169,561	1,892,836	0
Series C Convertible Preferred Stock (acquired 8/4/15)	(I)		1,171,316	1,674,030	0
Secured Convertible Bridge Note, 8%, (acquired 8/4/15)	(I)		1,321,068 7,746,945	\$1,278,454	316,613 316,613

HARRIS & HARRIS GROUP, INC. CONSOLIDATED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2015

Method of Valuation (1) Primary Industry (2) Cost Shares / Principal Value

Investments in Controlled Affiliated Companies (3) – 7.9% of net assets at value (Cont.)

Private Placement Portfolio (Illiquid) (22) – 7.9% of net assets at value (Cont.)

NGX Bio, Inc. (5)(8)(9)(24)		Life Sciences			
Developing translational genomics solutions Series Seed Convertible Preferred Stock (acquired 6/6/14) Series A Convertible Preferred Stock (acquired 8/20/15-9/30/15)	(I) (I)		\$375,000 499,999	500,000 329,989	\$446,878 403,538
Warrants for Series Seed Preferred Stock expiring 6/6/19 (acquire 6/6/15)	^{ed} (I)		125,000	166,667	148,958
			999,999		999,374
ProMuc, Inc. (5)(8)		Life Sciences			
Developing synthetic mucins for the nutritional, food and health care markets					
Common Stock (acquired 12/18/13)	(M)		1	1,000	1
Secured Convertible Bridge Note, 8%, (acquired 12/18/13)	(M)		407,074	\$350,000	407,074
Secured Convertible Bridge Note, 8%, (acquired 8/13/14)	(M)		111,091	\$100,000	111,091
Secured Convertible Bridge Note, 8%, (acquired 8/5/15)	(M)		77,449	\$75,000	77,449
Secured Convertible Bridge Note, 8%, (acquired 12/7/15)	(M)		55,301 650,916	\$55,000	55,301 650,916
Senova Systems, Inc. (5)(8)(9)		Life Sciences			
Developing next-generation sensors to measure pH					
Series B Convertible Preferred Stock (acquired 9/9/11-7/18/12)	(I)		1,218,462	1,350,000	284,938
Series B-1 Convertible Preferred Stock (acquired 8/1/13-1/15/14) Series C Convertible Preferred Stock (acquired 10/24/14-4/1/15)	(I)		1,083,960	2,759,902	659,411