

HARRIS & HARRIS GROUP INC /NY/  
Form N-2/A  
April 23, 2007

As filed with the Securities and Exchange Commission on April 23, 2007

**Securities Act Registration No. 333-138996**  
**Investment Company Act File Number 814-176**

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

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**FORM N-2**

**Registration Statement Under The Securities Act Of 1933:**

**Pre-Effective Amendment No. 2**

**Post-Effective Amendment No.**

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

**111 West 57<sup>th</sup> Street**  
**Suite 1100**  
**New York, New York 10019**  
(Address of Principal Executive Offices)

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

**Charles E. Harris, Chairman, CEO**  
**111 West 57<sup>th</sup> Street**  
**Suite 1100**  
**New York, New York 10019**  
(Name and Address of Agent for Service)

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**Copies to:**

**Sandra M. Forman, Esq.**  
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**Approximate Date of Proposed Public Offering:**

From time to time after the effective date of this Registration Statement

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If any securities being registered on this form will be offered on a delayed or continuous basis in reliance on Rule 415 under the Securities Act of 1933, other than securities offered in connection with a dividend reinvestment plan, check the following box. T

The registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that the Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the Registration Statement shall become effective on such dates as the Commission, acting pursuant to said Section 8(a), may determine.

#### CALCULATION OF REGISTRATION FEE UNDER THE SECURITIES ACT OF 1933

<u>Title of Securities Being Registered</u>	<u>Amount Being Registered</u>	<u>Proposed Maximum Offering Price Per Share</u>	<u>Proposed Maximum Aggregate Offering Price<sup>(1)</sup></u>	<u>Amount of Registration Fee</u>
Common Stock, \$0.01 par value	4,000,000	\$13.93	\$55,720,000	\$1,710.60 <sup>(2)</sup>

<sup>(1)</sup>Estimated solely for the purpose of determining the registration fee pursuant to Rule 457(c) under the Securities Act of 1933 and based on the average of the high and low prices as reported on the Nasdaq Global Market of the registrant's Common Stock on April 19, 2007.

<sup>(2)</sup>\$6,867 previously paid in connection with our Registration Statement filed on June 3, 2004, and \$3,005 previously paid in connection with this registration statement filed on November 27, 2006.

**HARRIS & HARRIS GROUP, INC.  
CROSS-REFERENCE SHEET**

**PART A-THE PROSPECTUS**

<u>Items in Part A of Form N-2</u>	<u>Location in Prospectus</u>
Item 1. Outside Front Cover	Front Cover Page
Item 2. Cover Pages; Other Offering Information	Front Cover Page; Inside Front Cover Page; Available Information
Item 3. Fee Table and Synopsis	Prospectus Summary; Table of Fees and Expenses
Item 4. Financial Highlights	Selected Condensed Consolidated Financial Data; Incorporation by Reference
Item 5. Plan of Distribution	Prospectus Summary; Plan of Distribution
Item 6. Selling Shareholders	Not Applicable
Item 7. Use of Proceeds	Use of Proceeds
Item 8. General Description of the Registrant	Outside Front Cover; Business; Risk Factors; Investment Policies; Price Range of Common Stock; General Description of our Portfolio Companies
Item 9. Management	Management of the Company
Item 10. Capital Stock, Long-Term Debt and Other Securities	Prospectus Summary; Capitalization; Dividends and Distributions; Taxation; Risk Factors
Item 11. Defaults and Arrears on Senior Securities	Not Applicable
Item 12. Legal Proceedings	Management of the Company
Item 13. Table of Contents of the Statement of Additional Information	Not Applicable

<u>Items in Part B of Form N-2<sup>(1)</sup></u>	<u>Location in Prospectus</u>
Item 14. Cover Page	Not Applicable
Item 15. Table of Contents	Not Applicable
Item 16. General Information and History	Not Applicable
Item 17. Investment Objective and Policies	Business; Investment Policies
Item 18. Management of the Company	Management of the Company; Certain Government Regulations
Item 19. Control Persons and Principal Shareholders	Management of the Company
Item 20. Investment Advisory and Other Services	Management of the Company; Experts
Item 21. Portfolio Managers	Management of the Company
Item 22. Brokerage, Allocation and Other Practices	Brokerage
Item 23. Tax Status	Taxation
Item 24. Financial Statements	Incorporation by Reference

**PART C-OTHER INFORMATION**

Items 25-34 have been answered in Part C of this Registration Statement.

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<sup>(1)</sup>Pursuant to General Instructions to Form N-2, all information required by Part B: Statement of Additional Information has been incorporated into Part A: The Prospectus of the Registration Statement.

The information in this Prospectus is not complete and may be changed. We may not sell securities until the registration statement filed with the Securities and Exchange Commission is effective. This Prospectus is not an offer to sell these securities and is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion  
Preliminary Prospectus, Dated April 23, 2007

**4,000,000 Shares**

**Common Stock**

Harris & Harris Group, Inc.<sup>®</sup>, is a venture capital company specializing in tiny technology that operates as a business development company under the Investment Company Act of 1940. We may offer, from time to time, shares of our common stock, \$0.01 par value per share ("Common Stock"), in one or more delayed offerings. The Common Stock may be offered at prices and on terms to be set forth in one or more supplements to this Prospectus (each a "Prospectus Supplement"). The offering price per share of our Common Stock will not be less than the net asset value per share of our Common Stock at the time we make the offering exclusive of any underwriting commissions or discounts. You should read this Prospectus and the applicable Prospectus Supplement carefully before you invest in our Common Stock.

Our Common Stock may be offered directly to one or more purchasers through agents designated from time to time by us, or to or through underwriters or dealers. The Prospectus Supplement relating to the offering will identify any agents or underwriters involved in the sale of our Common Stock, and will set forth any applicable purchase price, fee, commission or discount arrangement between us and our agents or underwriters, or among our underwriters, or the basis upon which such amount may be calculated. We may not sell any of our Common Stock through agents, underwriters or dealers without delivery of a Prospectus Supplement describing the method and terms of the particular offering of our Common Stock. Our Common Stock is listed on the Nasdaq Global Market under the symbol "TINY." On April 19, 2007, the last reported sale price of our Common Stock was \$13.67.

**An Investment in the Securities Offered in this Prospectus Involves a High Degree of Risk. You Should Consider Investing in Us Only if You Are Capable of Sustaining the Loss of Your Entire Investment. See "Risk Factors" beginning on page 11.**

This Prospectus sets forth concisely the information about us that a prospective investor should know before investing. You should read this Prospectus, before deciding whether to invest in our Common Stock, and retain it for future reference. You may obtain our annual reports, request other information about us and make shareholder inquiries by calling toll free 1-877-TINY TECH. Additional information about us has been filed with the Securities and Exchange Commission ("SEC") and is available upon written or oral request and without charge. We also make available our annual reports, free of charge, on our website at [www.TinyTechVC.com](http://www.TinyTechVC.com). Information on our website is not part of this Prospectus and should not be considered as such when making your investment decision. Material incorporated by reference and other information about us can be obtained from the SEC's website (<http://www.sec.gov>).

Neither the SEC nor any state securities commission has approved or disapproved these securities or determined if this Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of the Prospectus is           , 2007.

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**You should rely only on the information contained or incorporated by reference in this Prospectus. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction in which the offer or sale is not permitted.**

In this Prospectus, unless otherwise indicated, "Harris & Harris," "Company," "us," "our" and "we" refer to Harris & Harris Group, Inc.® "Harris & Harris Group, Inc." is a registered service mark. This Prospectus also includes trademarks owned by other persons.

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## PROSPECTUS SUMMARY

*This summary highlights information that is described more fully elsewhere in this Prospectus and in the documents to which we have referred. It may not contain all of the information that is important to you. To understand the offering fully, you should read the entire document carefully, including the risk factors beginning on page 11.*

### **Our Business**

Harris & Harris Group, Inc., is a venture capital company, specializing in tiny technology, that operates as a business development company under the Investment Company Act of 1940, which we refer to as the 1940 Act. For tax purposes, we operate as a regulated investment company under Subchapter M of the Internal Revenue Code of 1986, which we refer to as the Code. We are an internally managed investment company; that is, our officers and employees, rather than an investment adviser, manage our operations under the general supervision of our Board of Directors. Our investment objective is to achieve long-term capital appreciation, rather than current income, by making venture capital investments in early-stage companies. Our approach includes patient examination of available early stage opportunities, thorough due diligence and close involvement with management.

We make initial venture capital investments exclusively in "tiny technology," which we define as nanotechnology, microsystems and microelectromechanical systems (which we refer to as MEMS). We consider a company to be a tiny technology company if a product or products, or intellectual property covering a product or products, that we consider to be at the microscale or smaller is material to its business plan. Most of our current portfolio companies are significantly involved with work on objects or devices with dimensions of 100 nanometers or smaller, which we refer to as the nanoscale. Our portfolio includes insignificant non-tiny technology investments made prior to 2001, and we may make follow-on investments in either tiny or non-tiny technology companies. At December 31, 2006, 45.4 percent of our total assets and 99.9 percent of our venture capital portfolio were invested in tiny technology investments. Accordingly, we do not expect a material portion of our venture capital portfolio will include non-tiny technology companies. By making these investments, we seek to provide our shareholders with a specific focus on tiny technology through a portfolio of venture capital investments that addresses a variety of markets and products. We believe that we are the only publicly traded business development company making initial venture capital investments exclusively in tiny technology.

Tiny technology is multidisciplinary and widely applicable, and it incorporates technology that is significantly smaller than is currently in widespread commercial use in most fields. Nanotechnology is measured in nanometers, which are units of measurement in billionths of a meter. Microsystems are measured in micrometers, which are units of measurement in millionths of a meter. Because it is in many respects a new field, tiny technology has significant scientific, engineering, regulation and commercialization risks. See "Business" and "Risk Factors."

As a venture capital company, we make it possible for our investors to participate at an early stage in this emerging field, while our portfolio companies are still private. By making investments in companies that control intellectual property relevant to tiny technology, we are building a portfolio that we believe will be difficult to replicate in the future, as we believe it will likely become increasingly difficult to create new foundational intellectual property in nanotechnology. Because we typically invest as part of a syndicate of venture capital firms, the syndicate's time horizon often determines ours, though we may provide seed capital before forming a syndicate with other investors, or maintain our investment in an investee company after it goes public, even after our co-investors sell or distribute their shares. To the investor, we offer:

- a portfolio consisting of investments that are generally available only to a small, highly specialized group of professional venture capital firms as investors;

· a team of professionals, including five full-time members of management, four of whom are designated as Managing Directors, Charles E. Harris, Douglas W. Jamison, Daniel V. Leff and Alexei A. Andreev, and a Vice President, Daniel B. Wolfe, to evaluate and monitor investments. Two of our directors are also consultants to us, Kelly S. Kirkpatrick and Lori D. Pressman. These seven professionals collectively have expertise in venture capital investing, intellectual property and tiny technology;

- the opportunity to benefit from our experience in a new field expected to permeate a variety of industries; and
- through the ownership of our publicly traded shares, a measure of liquidity not typically available in underlying venture capital portfolio investments.

The number of tiny technology investment opportunities available to us has increased over the past five years, through both new opportunities and opportunities for follow-on investments in our existing portfolio companies. We believe that our expertise and record of prior investments in tiny technology are likely to lead us to additional tiny technology investment opportunities in the future. We intend to use the net proceeds of this offering to:

- increase our capital in order to take advantage of these investment opportunities;
- lower our expenses as a percentage of assets and otherwise achieve certain economies and advantages of scale in our operations, as our costs are primarily fixed. As our assets increase by the net proceeds of this offering, our fixed costs will represent a smaller percentage of our assets; and
- pay operating expenses, including due diligence expenses on potential investments.

We identify investment opportunities primarily through four channels:

- our involvement in the field of tiny technology;
- research universities that seek to transfer their scientific discoveries to the private sector;
- other venture capital companies seeking co-investors or referring deals to us; and
- direct calls and business plan submissions by companies, business incubators and individuals seeking venture capital.

Since registering as an investment company in 1992, we have invested in a variety of industries. In 1994, we invested in our first tiny technology company, Nanophase Technologies Corporation. In 1995, we elected to be regulated as a business development company. Recognizing the potential of tiny technology, we continued to monitor developments in the field, and since 2001, we have made tiny technology our exclusive focus for initial investments. From August 2001 through December 2006, all 31 of our initial investments have been in companies involved in the development of products and technologies based on tiny technology. At December 31, 2006, our portfolio includes investments in a total of 29 companies, 27 of which we consider to be involved in tiny technology.

As is usual in the venture capital industry, our venture capital investments are generally in convertible preferred stock, which is usually the most senior security in a portfolio company's equity capital structure until the company has substantial revenues, and which gives us seniority over the holders of common stock (usually including the founders) while preserving fully our participation in the upside potential of the portfolio company through the conversion feature. Our portfolio investments in some instances include a dividend right payable in kind (which increases our participation in the portfolio company) or potentially in cash. In-kind distributions are primarily made in additional shares of convertible preferred stock. We expect to continue to invest in convertible securities.

## **Tiny Technology**

In our view, tiny technology is neither an industry nor a single technology, but a variety of enabling technologies with critical dimensions below 100 micrometers. Tiny technology manifests itself in tools, materials, systems and devices that address broad markets, including instrumentation, electronics, photonics, computing, medical devices, pharmaceutical manufacturing, drug delivery and drug discovery. The development and commercialization of tiny technology often require the integration of multiple disciplines, including biology, physics, chemistry, materials science, computer science and the engineering sciences.

Examples of tiny technology-enabled products currently on the market are quite diverse. They include sensors, accelerometers used in automobiles to sense impact and deploy airbags, cosmetics with ingredients that block ultraviolet light but are invisible to the human eye, nanoclays used for strength in the running boards of minivans, textiles with liquid-stain repellant surfaces, fast acting painkillers and certain pharmaceutical therapeutics.

Harris & Harris Group currently has 13 companies in its tiny technology portfolio with products on the market offering a range of products including components for optical networking, high-brightness LEDs, carbon nanotube-based sensors, optical switches, silicon carbide brake rotors, chiral columns for the pharmaceutical industry, metabolomic profiling services and decorative tiles.

Within tiny technology, microsystems and MEMS both refer to materials, devices and processes that are on a micrometer size scale. A micrometer, which is also referred to as a micron, is 0.000001 meter, or one millionth of a meter. In practice, any device, or device enabled by components, in a size range from 100 microns down to 0.1 micron may be considered "micro." Nanotechnology refers to materials, devices and processes with critical dimensions below 0.1 micron, equal to 100 nanometers. A nanometer is 0.000000001 meter, or one billionth of a meter. It is at the scale below 100 nanometers, the nanoscale, that quantum effects begin to dominate classical macroscale physics. At the nanoscale, size- and shape-dependent properties of materials allow previously unattainable material and device performance.

Although the practical application of tiny technology requires great expertise to implement in manufacturing processes, we believe that tiny technology's broad applicability presents significant and diverse market opportunities.

## **Risk Factors**

Set forth below is a summary of certain risks that you should carefully consider before investing in our Common Stock. See "Risk Factors" beginning on page 11 for a more detailed discussion of the risks of investing in our Common Stock.