MORGAN STANLEY INDIA INVESTMENT FUND, INC. Form N-Q May 30, 2012

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-08238

Morgan Stanley India Investment Fund, Inc. (Exact name of registrant as specified in charter)

522 Fifth Avenue, New York, New York (Address of principal executive offices)

10036 (Zip code)

Arthur Lev

522 Fifth Avenue, New York, New York 10036 (Name and address of agent for service)

Registrant s telephone number, including area code: 201-830-8894

Date of fiscal year December 31, 2012

end:

Date of reporting period: March 31, 2012

| Item | 1 9 | Sche | alub | of Inv | vestme | nte |
|--------|------|------|------|--------|------------------|-------|
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The Fund s schedule of investments as of the close of the reporting period prepared pursuant to Rule 12-12 of Regulation S-X is as follows:

Morgan Stanley India Investment Fund, Inc.

Portfolio of Investments

First Quarter Report

March 31, 2012 (unaudited)

| | Shares | Value (000) |
|---|--------------|----------------|
| Common Stocks (93.2%) | | |
| Auto Components (1.1%) | | |
| Motherson Sumi Systems Ltd. | 1,200,807 \$ | 4,392 |
| Automobiles (8.7%) | | |
| Bajaj Auto Ltd. | 138,000 | 4,547 |
| Tata Motors Ltd. | 2,800,000 | 15,128 |
| Tata Motors Ltd. ADR | 163,700 | 4,415 |
| Tata Motors Ltd., Class A | 3,891,754 | 12,070 |
| Chemicals (2.1%) | | 36,160 |
| Asian Paints Ltd. | 101,111 | 6,434 |
| Coromandel International Ltd. | 424,500 | 2,364 |
| Colomander International Etc. | 121,300 | 8,798 |
| Commercial Banks (23.6%) | | |
| Bank of Baroda | 385,893 | 6,047 |
| HDFC Bank Ltd. | 3,237,845 | 33,039 |
| ICICI Bank Ltd. | 923,356 | 16,135 |
| IndusInd Bank Ltd. | 2,009,791 | 12,907 |
| Punjab National Bank Ltd. | 195,000 | 3,755 |
| State Bank of India | 541,508 | 22,283 |
| Yes Bank Ltd. | 575,300 | 4,165 |
| | | 98,331 |
| Construction & Engineering (4.8%) | | |
| Engineers India Ltd. | 1,215,000 | 6,065 |
| Gammon India Ltd. | 2,545,382 | 2,168 |
| Larsen & Toubro Ltd. | 456,040 | 11,718 |
| | | 19,951 |
| Construction Materials (3.9%) | | |
| ACC Ltd. | 349,113 | 9,316 |
| Madras Cements Ltd. | 725,048 | 2,188 |
| Shree Cement Ltd. | 74,099 | 4,683 |
| | | 16,187 |
| Consumer Finance (2.0%) | | |
| Mahindra & Mahindra Financial Services Ltd. | 479,500 | 6,310 |
| Manappuram Finance Ltd. | 3,684,290 | 2,202 |
| | | 8,512 |
| Electronic Equipment, Instruments & Components (1.0%) | | |
| Redington India Ltd. | 2,436,700 | 4,221 |
| Food Dualista (2.66) | | |
| Food Products (2.6%) | 046.000 | 7.040 |
| McLeod Russel India Ltd. | 946,238 | 5,040 |
| Nestle India Ltd. | 62,988 | 5,725 |
| Con Utilities (1.10) | | 10,765 |
| Gas Utilities (1.1%) | 500 700 | 4 20 4 |
| Indraprastha Gas Ltd. | 588,700 | 4,384 |

| | Shares | Value (000) |
|--|-----------|-----------------|
| Household Products (4.3%) | | |
| Hindustan Unilever Ltd. | 2,216,864 | \$ 17,843 |
| Information Technology Services (8.7%) | | |
| Cognizant Technology Solutions Corp., Class A (United States) (a) | 56,800 | 4,371 |
| Infosys Ltd. | 295,181 | 16,608 |
| Infosys Technologies Ltd. (a)(b) | 6,400 | 180 |
| Tata Consultancy Services Ltd. | 462,631 | 10,614 |
| Wipro Ltd. | 535,300 | 4,624 |
| | | 36,397 |
| Machinery (1.9%) | | |
| Cummins India Ltd. | 544,750 | 5,297 |
| Thermax Ltd. | 294,376 | 2,684 |
| | | 7,981 |
| Media (0.7%) | | |
| DB Corp. Ltd. | 697,207 | 3,007 |
| M. 4-1. 0 M. 4 (2 00) | | |
| Metals & Mining (3.0%) | 2 017 770 | 7 220 |
| Hindustan Zinc Ltd. | 2,817,770 | 7,320 |
| Jindal Steel & Power Ltd. | 498,712 | 5,337 12,657 |
| Oil, Gas & Consumable Fuels (4.8%) | | 12,037 |
| Bharat Petroleum Corp. Ltd. | 234,377 | 3,222 |
| Cairn India Ltd. (a) | 471,172 | 3,088 |
| Coal India Ltd. | 283,112 | 1,911 |
| Reliance Industries Ltd. | 786,391 | 11,586 |
| Renance industries Etd. | 700,371 | 19,807 |
| Personal Products (1.6%) | | 15,007 |
| Colgate-Palmolive India Ltd. | 300,000 | 6,585 |
| | 200,000 | 0,000 |
| Pharmaceuticals (8.5%) | | |
| Dr. Reddy s Laboratories Ltd. | 548,907 | 19,014 |
| Glenmark Pharmaceuticals Ltd. | 1,799,500 | 10,929 |
| Sun Pharmaceutical Industries Ltd. | 495,000 | 5,538 |
| | | 35,481 |
| Real Estate Management & Development (2.9%) | | |
| DLF Ltd. | 1,630,000 | 6,455 |
| Oberoi Realty Ltd. | 1,099,379 | 5,819 |
| | | 12,274 |
| Tobacco (3.4%) | 2217012 | 44.000 |
| ITC Ltd. | 3,217,943 | 14,332 |
| Transportation Infrastructure (10%) | | |
| Transportation Infrastructure (1.0%) Gujarat Pipavav Port Ltd. (a) | 3,482,494 | 4,190 |
| Oujarat 1 ipavav 1 Ott Litt. (a) | 3,404,494 | 4,190 |
| Wireless Telecommunication Services (1.5%) | | |
| Bharti Airtel Ltd. | 912,551 | 6,053 |
| Dimital a more Endi | 712,551 | 0,033 |
| | | |

| | Shares | Value (000) |
|---|------------|----------------|
| Total Common Stocks (Cost \$368,606) | | \$ 388,308 |
| | | |
| Short-Term Investment (5.3%) | | |
| Investment Company (5.3%) | | |
| Morgan Stanley Institutional Liquidity Funds - Money Market Portfolio - Institutional | | |
| Class (c) (Cost \$21,946) | 21,945,762 | 21,946 |
| Total Investments (98.5%) (Cost \$390,552) + | | 410,254 |
| Other Assets in Excess of Liabilities (1.5%) | | 6,185 |
| Net Assets (100.0%) | | \$ 416,439 |

⁽a) Non-income producing security.

ADR American Depositary Receipt.

⁽b) At March 31, 2012, the Fund held fair valued securities valued at approximately \$180,000, representing less than 0.05% of net assets. These securities have been fair valued as determined in good faith under procedures established by and under the general supervision of the Fund s Directors.

⁽c) The Fund invests in the Morgan Stanley Institutional Liquidity Funds - Money Market Portfolio - Institutional Class (the Liquidity Funds), an open-end management investment company managed by the Adviser. Investment advisory fees paid by the Fund are reduced by an amount equal to the advisory and administrative service fees paid by the Liquidity Funds with respect to assets invested by the Fund in the Liquidity Funds.

⁺ At March 31, 2012, the U.S. Federal income tax cost basis of investments was approximately \$390,552,000 and, accordingly, net unrealized appreciation for U.S. Federal income tax purposes was approximately \$19,702,000 of which approximately \$58,373,000 related to appreciated securities and approximately \$38,671,000 related to depreciated securities.

Fair Value Measurement Information:

The following is a summary of the inputs used to value the Fund s investments as of March 31, 2012. (See Notes to the Portfolio of Investments for further information regarding fair value measurement.)

| Investment Type | Level 1 Unadjusted quoted prices (000) | Level 2 Other significant observable inputs (000) | Level 3 Significant unobservable inputs (000) | Total (000) |
|--|--|--|---|----------------|
| Assets: | | | | |
| Common Stocks | | | | |
| Auto Components | \$ 4,392 | \$ | \$ | \$ 4,392 |
| Automobiles | 36,160 | | | 36,160 |
| Chemicals | 8,798 | | | 8,798 |
| Commercial Banks | 75,622 | 22,709 | | 98,331 |
| Construction & Engineering | 19,951 | | | 19,951 |
| Construction Materials | 16,187 | | | 16,187 |
| Consumer Finance | 8,512 | | | 8,512 |
| Electronic Equipment, Instruments & Components | 4,221 | | | 4,221 |
| Food Products | 10,765 | | | 10,765 |
| Gas Utilities | 4,384 | | | 4,384 |
| Household Products | 17,843 | | | 17,843 |
| Information Technology Services | 36,217 | | 180 | 36,397 |
| Machinery | 7,981 | | | 7,981 |
| Media | 3,007 | | | 3,007 |
| Metals & Mining | 12,657 | | | 12,657 |
| Oil, Gas & Consumable Fuels | 19,807 | | | 19,807 |
| Personal Products | 6,585 | | | 6,585 |
| Pharmaceuticals | 35,481 | | | 35,481 |
| Real Estate Management & Development | 12,274 | | | 12,274 |
| Tobacco | 14,332 | | | 14,332 |
| Transportation Infrastructure | | 4,190 | | 4,190 |
| Wireless Telecommunication Services | 6,053 | | | 6,053 |
| Total Common Stocks | 361,229 | 26,899 | 180 | 388,308 |
| Short-Term Investment - Investment Company | 21,946 | | | 21,946 |
| Total Assets | \$ 383,175 | \$ 26,899 | \$ 180 | \$ 410,254 |

Transfers between investment levels may occur as the markets fluctuate and/or the availability of data used in an investment s valuation changes. The Fund recognizes transfers between the levels as of the end of the period. As of March 31, 2012, the Fund did not have any significant investments transfer between investment levels.

Following is a reconciliation of investments in which significant unobservable inputs (Level 3) were used in determining fair value.

| | Comm | on Stock (000) |
|---|------|----------------|
| Beginning Balance | \$ | 167 |
| Purchases | | |
| Sales | | |
| Amortization of discount | | |
| Transfers in | | |
| Transfers out | | |
| Change in unrealized appreciation (depreciation) | | 13 |
| Realized gains (losses) | | |
| Ending Balance | \$ | 180 |
| | | |
| Net change in unrealized appreciation/depreciation from investments still held as of March 31, 2012 | \$ | 13 |
| | | |

The following table presents additional information about valuation techniques and inputs used for investments that are measured at fair value and categorized within Level 3 as of March 31, 2012.

| | Fair Value at March 31, 2012 (000) | Valuation Technique(s) | Unobservable Input | Range | Weighted Average | Impact to Valuation from an Increase in Input |
|--|--|------------------------|---------------------------------------|-------|---------------------|---|
| Common Stock Information Technology Services | \$ 180 |) Market Approach | Discount for lack of Marketability | | 50% | Decrease |

| Morgan S | tanley In | ndia I | Investment | Fund, | Inc. |
|----------|-----------|--------|------------|-------|------|
|----------|-----------|--------|------------|-------|------|

Notes to the Portfolio of Investments • March 31, 2012 (unaudited)

Security Valuation: Securities listed on a foreign exchange are valued at their closing price except as noted below. Unlisted securities and listed securities not traded on the valuation date for which market quotations are readily available are valued at the mean between the current bid and ask prices. Equity securities listed on a U.S. exchange are valued at the latest quoted sales price on the valuation date. Equity securities listed or traded on NASDAQ, for which market quotations are available, are valued at the NASDAQ Official Closing Price. Short-term debt securities purchased with remaining maturities of 60 days or less are valued at amortized cost, unless the Board of Directors (the Directors) determines such valuation does not reflect the securities fair value, in which case these securities will be valued at their fair value as determined in good faith under procedures adopted by the Directors.

All other securities and investments for which market values are not readily available, including restricted securities, and those securities for which it is inappropriate to determine prices in accordance with the aforementioned procedures, are valued at fair value as determined in good faith under procedures adopted by the Directors, although the actual calculations may be done by others. Factors considered in making this determination may include, but are not limited to, information obtained by contacting the issuer, analysts, or the appropriate stock exchange (for exchange-traded securities), analysis of the issuer s financial statements or other available documents and, if necessary, available information concerning other securities in similar circumstances.

Most foreign markets close before the New York Stock Exchange (NYSE). Occasionally, developments that could affect the closing prices of securities and other assets may occur between the times at which valuations of such securities are determined (that is, close of the foreign market on which the securities trade) and the close of business on the NYSE. If these developments are expected to materially affect the value of the securities, the valuations may be adjusted to reflect the estimated fair value as of the close of the NYSE, as determined in good faith under procedures established by the Directors.

Fair Value Measurement: Financial Accounting Standards Board (FASB) Accounting Standards CodificationTM (ASC) 820, Fair Value Measurements and Disclosure (ASC 820), defines fair value as the value that the Fund would receive to sell an investment or pay to transfer a liability in a timely transaction with an independent buyer in the principal market, or in the absence of a principal market the most advantageous market for the investment or liability. ASC 820 establishes a three-tier hierarchy to distinguish between (1) inputs that reflect the assumptions market participants would use in valuing an asset or liability developed based on market data obtained from sources independent of the reporting entity (observable inputs) and (2) inputs that reflect the reporting entity s own assumptions about the assumptions market participants would use in valuing an asset or liability developed based on the best information available in the circumstances (unobservable inputs) and to establish classification of fair value measurements for disclosure purposes. Various inputs are used in determining the value of the Fund s investments. The inputs are summarized in the three broad levels listed below.

- Level 1 unadjusted 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 the Fund s own assumptions in determining the fair value of investments. Factors considered in making this determination may include, but are not limited to, information obtained by contacting the issuer, analysts, or the appropriate stock exchange (for exchange-traded securities), analysis of the issuer s financial statements or other available documents and, if necessary, available information concerning other securities in similar circumstances

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities and the determination of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to each security.

Item 2. Controls and Procedures.

| (a) The Fund s principal executive officer and principal financial officer have concluded that the Fund s disclosure control | ls and procedures are |
|--|-----------------------|
| sufficient to ensure that information required to be disclosed by the Fund in this Form N-Q was recorded, processed, summer | arized and reported |
| within the time periods specified in the Securities and Exchange Commission s rules and forms, based upon such officers | evaluation of these |
| controls and procedures as of a date within 90 days of the filing date of the report. | |

(b) There were no changes in the Fund s internal control over financial reporting that occurred during the registrant s fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Fund s internal control over financial reporting.

Item 3. Exhibits.

(a) A separate certification for each principal executive officer and principal financial officer of the registrant are attached hereto.

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.

Morgan Stanley India Investment Fund, Inc.

/s/ Arthur Lev Arthur Lev Principal Executive Officer May 22, 2012

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

/s/ Arthur Lev Arthur Lev Principal Executive Officer May 22, 2012

/s/ Francis Smith Francis Smith Principal Financial Officer May 22, 2012