

MoSys, Inc.
Form SC 13G/A
May 10, 2012

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No. 4)

MoSys, Inc.
(Name of Issuer)

Common Stock, par value \$0.01 per share
(Title of Class of Securities)

619718109
(CUSIP Number)

April 30, 2012
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Cusip No. 619718109

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|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|
| 1 | NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY): | |
| | Artis Capital Management, L.P. 943405314 | |
| 2 | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) | (a) [] (b) [X] |
| 3 | SEC USE ONLY | |
| 4 | CITIZENSHIP OR PLACE OF ORGANIZATION | California |
| | 5 | SOLE VOTING POWER 3,058,873 |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 6 | SHARED VOTING POWER 0 |
| | 7 | SOLE DISPOSITIVE POWER 3,058,873 |
| | 8 | SHARED DISPOSITIVE POWER 0 |
| 9 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | 3,058,873 |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) | [] |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | 7.88%* |
| 12 | TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) | PN, IA |

* Based on 38,810,653 Shares of Common Stock outstanding as of April 25, 2011, as reported in the Issuer's Quarterly Report on Form 10-K/A for the period ended December 31, 2011, filed with the Securities and Exchange Commission on April 30, 2012.

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ITEM 1(a) - NAME OF ISSUER:

MoSys, Inc.

ITEM 1(b) - ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

3301 Olcott Street
Santa Clara, California, 95054

ITEM 2(a) - NAME OF PERSON FILING:

This statement is being filed by Artis Capital Management, L.P., a California limited partnership ("Artis").

ITEM 2(b) - ADDRESS OF PRINCIPAL BUSINESS OFFICE:

One Market Plaza, Steuart Tower, Floor 27
San Francisco, California 94105

ITEM 2(c) - CITIZENSHIP:

California

ITEM 2(d) - TITLE OF CLASS OF SECURITIES:

Common Stock, par value \$0.01 per share

ITEM 2(e) - CUSIP NUMBER:

619718109

ITEM 3 - IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B) OR (C), CHECK WHETHER THE PERSON FILING IS A:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 73c).
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) Investment company registered under section 8 of the Investment Company Act of 1940(15 U.S.C. 80a-8).
- (e) An investment adviser in accordance with §13d-1(b)(1)(ii)(E).

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- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G).
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
- (j) Group, in accordance with §240.13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to §240.13d-1(c), check this box.

ITEM 4 - OWNERSHIP:

The information set forth in Rows 5 through 11 of the cover page to this Schedule 13G is incorporated herein by reference.

ITEM 5 - OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:

Not applicable

ITEM 6 - OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Artis, a registered investment adviser, serves as investment adviser to various investment funds that directly hold the Common Stock for the benefit of the investors in those funds. The investment funds have the right to receive dividends from, or the proceeds from the sale of, the Common Stock.

Artis Capital Management, Inc. ("Artis Inc.") is the general partner of Artis. Stuart Peterson ("Mr. Peterson") is the president of Artis Inc. and the controlling owner of Artis and Artis Inc. By virtue of these relationships, Artis Inc. and Mr. Peterson may be deemed to beneficially own the Common Stock held by the funds; however, the filing of this statement shall not be construed as an admission that Artis Inc. or Mr. Peterson is the beneficial owner of the Common Stock held by the funds.

ITEM 7 - IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT COMPANY:

Not Applicable

ITEM 8 - IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

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Not Applicable

ITEM 9 - NOTICE OF DISSOLUTION OF GROUP:

Not Applicable

ITEM 10 - CERTIFICATION:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 10, 2012

ARTIS CAPITAL MANAGEMENT, L.P.

By: /s/ Robert A. Riemer
Name: Robert A. Riemer
Title: Chief Financial Officer and
Chief Compliance Officer
