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U.S. SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-2

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933
☐
(Check appropriate box or boxes)
Pre-Effective Amendment No. 4
Post-Effective Amendment No.

GSV CAPITAL CORP.

(Exact name of Registrant as specified in charter)

2965 Woodside Road Woodside, CA 94062

(Address of Principal Executive Offices)

Registrant's telephone number, including Area Code: (650) 206-2965

Michael T. Moe Chief Executive Officer GSV Capital Corp. 2965 Woodside Road Woodside, CA 94062

(Name and address of agent for service)

COPIES TO:

Steven B. Boehm John J. Mahon Sutherland Asbill & Brennan LLP 1275 Pennsylvania Avenue, NW Washington, DC 20004 (202) 383-0100 Julia K. Cowles Davis Polk & Wardwell LLP 1600 El Camino Real Menlo Park, CA 94025 (650) 752-2000

Approximate date of proposed public offering: As soon as practicable after the effective date of this Registration Statement.

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. o

It is proposed that this filing will become effective (check appropriate box):

o when declared effective pursuant to section 8(c).

CALCULATION OF REGISTRATION FEE UNDER THE SECURITIES ACT OF 1933

Title of Securities Being Registered	Amount to be Registered ⁽¹⁾	Proposed Maximum Offering Price Per Share ⁽²⁾	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee ⁽³⁾
Common Stock, \$0.01 par value per share	7,820,000 shares	\$ 15.10	\$ 118,082,000	\$ 13,710

(1) Includes 1,020,000 shares that may be issued pursuant to the underwriters' over-allotment option.

(2) Estimated solely for the purpose of calculating the registration fee. Based upon the average of the high and low prices reported on the NASDAQ Capital Market on September 9, 2011 in accordance with Rule 457(c) of the Securities Act of 1933.

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 this 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 date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

⁽³⁾ Previously paid.

EXPLANATORY NOTE

The purpose of this Amendment No. 4 to the Registration Statement on Form N-2 is solely to update Part C of the Registration Statement. The disclosure set forth in Parts A and B of the Registration Statement, as included in Amendment No. 2 to the Registration Statement, filed on September 13, 2011, is incorporated herein by reference.

PART C — OTHER INFORMATION

ITEM 25. FINANCIAL STATEMENTS AND EXHIBITS

1. Financial Statements

The following financial statements of GSV Capital Corp. (the "Registrant" or the "Company") are included in Part A "Information Required to be in the Prospectus" of the Registration Statement.

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2. Exhibits

Description

ExhibitNumber	Description
a.1	Amended and Restated Articles of Incorporation*
a.2	Articles of Amendment**
b.	Bylaws*
d.1	Form of Common Stock Certificate****
e.	Dividend Reinvestment Plan*
g.	Form of Investment Advisory Agreement by and between Registrant and GSV Asset
	Management, LLC*
h.	Form of Underwriting Agreement****
j.	Form of Custodian Agreement***
k.1	Form of Administration Agreement by and between Registrant and GSV Capital Service
	Company, LLC*
k.2	Form of Indemnification Agreement by and between Registrant and each of its directors*
k.3	Form of Trademark License Agreement by and between the Registrant and GSV Asset
	Management, LLC**
l.	Opinion of Sutherland Asbill & Brennan LLP
n.1	Consent of Sutherland Asbill & Brennan LLP (Incorporated by reference to exhibit l hereto)
n.2	Consent of Grant Thornton LLP****
r.	Code of Ethics*

Previously filed in connection with Pre-Effective Amendment No. 2 to the Registrant's Registration Statement on Form N-2 (File No. 333-171578), filed on March 30, 2011, and incorporated by reference herein.

- ** Previously filed in connection with the Registrant's Current Report on Form 8-K (File No. 814-00852), filed on June 1, 2011, and incorporated by reference herein.
- *** Previously filed in connection with Pre-Effective Amendment No. 3 to the Registrant's Registration Statement on Form N-2 (File No. 333-171578), filed on April 15, 2011, and incorporated by reference herein.
- **** Previously filed in connection with Pre-Effective Amendment No. 2 to the Registrant's Registration Statement on Form N-2 (File No. 333-175655) filed on September 13, 2011, and incorporated by reference herein.
- *****Previously filed in connection with Pre-Effective Amendment No. 3 to the Registrant's Registration Statement on Form N-2 (File No. 333-175655) filed on September 20, 2011, and incorporated by reference herein.

ITEM 26. MARKETING ARRANGEMENTS

The information contained under the heading "Underwriting" on this Registration Statement is incorporated herein by reference.

ITEM 27. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION

SEC registration fee	\$ 13,710.00
FINRA filing fee	\$ 12,308.20
NASDAQ Capital Market	\$ 10,000.00
Printing and postage	\$ 50,000.00
Legal fees and expenses	\$300,000.00
Accounting fees and expenses	\$ 97,000.00
Sales and Marketing	\$ 60,000.00
Miscellaneous	\$ 6,981.80
Total	\$550,000.00

Note: All listed amounts are estimates.

ITEM 28. PERSONS CONTROLLED BY OR UNDER COMMON CONTROL

See "Management," "Certain Relationships and Transactions" and "Control Persons and Principal Stockholders" in the Prospectus contained herein.

ITEM 29. NUMBER OF HOLDERS OF SECURITIES

The following table sets forth the number of record holders of the Registrant's common stock at September 16, 2011: Sittle of Class

noiuers	Title of Class	Number of Record Holders	
Common Stock, par value \$0.01 per share 81	Common Stock, par value \$0.01 per share	81	

ITEM 30. INDEMNIFICATION

Directors and Officers

Reference is made to Section 2-418 of the Maryland General Corporation Law, Article VII of the Registrant's charter and Article XI of the Registrant's Amended and Restated Bylaws.

Maryland law permits a Maryland corporation to include in its charter a provision limiting the liability of its directors and officers to the corporation and its stockholders for money damages except for liability resulting from (a) actual receipt of an improper benefit or profit in money, property or services or (b) active and deliberate dishonesty established by a final judgment as being material to the cause of action. The Registrant's charter contains such a provision which eliminates directors' and officers' liability to the maximum extent permitted by Maryland law, subject to the requirements of the Investment Company Act of 1940, as amended (the "1940 Act").

The Registrant's charter authorizes the Registrant, to the maximum extent permitted by Maryland law and subject to the requirements of the 1940 Act, to indemnify any present or former director or officer or any individual who, while serving as the Registrant's director or officer and at the Registrant's request, serves or has served another corporation, real estate investment trust, partnership, joint venture, trust, employee benefit plan or other enterprise as a director, officer, partner or trustee, from and against any claim or liability to which that person may become subject or which that person may incur by reason of his or her service in any such capacity and to pay or reimburse their reasonable expenses in advance of final disposition of a proceeding. The Registrant's bylaws obligate the Registrant, to the maximum extent permitted by Maryland law and subject to the requirements of the 1940 Act, to indemnify any present or former director or officer or any individual who, while serving as the Registrant's director or officer and at the Registrant's request, serves



or has served another corporation, real estate investment trust, partnership, joint venture, trust, employee benefit plan or other enterprise as a director, officer, partner or trustee and who is made, or threatened to be made, a party to the proceeding by reason of his or her service in that capacity from and against any claim or liability to which that person may become subject or which that person may incur by reason of his or her service in any such capacity and to pay or reimburse his or her reasonable expenses in advance of final disposition of a proceeding. The charter and bylaws also permit the Registrant to indemnify and advance expenses to any person who served a predecessor of the Registrant in any of the capacities described above and any of the Registrant's employees or agents or any employees or agents of the Registrant's predecessor. In accordance with the 1940 Act, the Registrant will not indemnify any person for any liability to which such person would be subject by reason of such person's willful misfeasance, bad faith, gross negligence or reckless disregard of the duties involved in the conduct of his or her office.

Maryland law requires a corporation (unless its charter provides otherwise, which the Registrant's charter does not) to indemnify a director or officer who has been successful in the defense of any proceeding to which he or she is made, or threatened to be made, a party by reason of his or her service in that capacity. Maryland law permits a corporation to indemnify its present and former directors and officers, among others, against judgments, penalties, fines, settlements and reasonable expenses actually incurred by them in connection with any proceeding to which they may be made, or threatened to be made, a party by reason of their service in those or other capacities unless it is established that (a) the act or omission of the director or officer was material to the matter giving rise to the proceeding and (1) was committed in bad faith or (2) was the result of active and deliberate dishonesty, (b) the director or officer actually received an improper personal benefit in money, property or services or (c) in the case of any criminal proceeding, the director or officer had reasonable cause to believe that the act or omission was unlawful. However, under Maryland law, a Maryland corporation may not indemnify for an adverse judgment in a suit by or in the right of the corporation or for a judgment of liability on the basis that a personal benefit was improperly received unless, in either case, a court orders indemnification, and then only for expenses. In addition, Maryland law permits a corporation to advance reasonable expenses to a director or officer in advance of final disposition of a proceeding upon the corporation's receipt of (a) a written affirmation by the director or officer of his or her good faith belief that he or she has met the standard of conduct necessary for indemnification by the corporation and (b) a written undertaking by him or her or on his or her behalf to repay the amount paid or reimbursed by the corporation if it is ultimately determined that the standard of conduct was not met.

Adviser and Administrator

The Investment Advisory Agreement provides that, absent willful misfeasance, bad faith or gross negligence in the performance of its duties or by reason of the reckless disregard of its duties and obligations, GSV Asset Management, LLC (the "investment adviser") and its officers, managers, agents, employees, controlling persons, members and any other person or entity affiliated with it are entitled to indemnification from the Registrant for any damages, liabilities, costs and expenses (including reasonable attorneys' fees and amounts reasonably paid in settlement) arising from the rendering of the investment adviser's services under the Investment Advisory Agreement or otherwise as an investment adviser of the Registrant.

The Administration Agreement provides that, absent willful misfeasance, bad faith or gross negligence in the performance of its duties or by reason of the reckless disregard of its duties and obligations, GSV Capital Service Company, LLC and its officers, managers, agents, employees, controlling persons, members and any other person or entity affiliated with it are entitled to indemnification from the Registrant for any damages, liabilities, costs and expenses (including reasonable attorneys' fees and amounts reasonably paid in settlement) arising from the rendering of GSV Capital Service Company, LLC's services under the Administration Agreement or otherwise as administrator for the Registrant.

The law also provides for comparable indemnification for corporate officers and agents. Insofar as indemnification for liability arising under the Securities Act of 1933, as amended (the "Securities Act") may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the

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successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

The Registrant has entered into indemnification agreements with its directors. The indemnification agreements are intended to provide the Registrant's directors the maximum indemnification permitted under Maryland law and the 1940 Act. Each indemnification agreement provides that the Registrant shall indemnify the director who is a party to the agreement (an "Indemnitee"), including the advancement of legal expenses, if, by reason of his or her corporate status, the Indemnitee is, or is threatened to be, made a party to or a witness in any threatened, pending, or completed proceeding, other than a proceeding by or in the right of the Registrant.

ITEM 31. BUSINESS AND OTHER CONNECTIONS OF INVESTMENT ADVISER

A description of any other business, profession, vocation, or employment of a substantial nature in which the investment adviser, and each managing director, director or executive officer of the investment adviser, is or has been during the past two fiscal years, engaged in for his or her own account or in the capacity of director, officer, employee, partner or trustee, is set forth in Part A of this Registration Statement in the sections entitled "Management — Board of Directors," "Investment Advisory Agreement" and "Portfolio Management — Investment Personnel." Additional information regarding the investment adviser and its officers and directors will be set forth in its Form ADV, as filed with the Securities and Exchange Commission (SEC File No. 801-71749), under the Investment Advisers Act of 1940, as amended, and is incorporated herein by reference.

ITEM 32. LOCATION OF ACCOUNTS AND RECORDS

All accounts, books, and other documents required to be maintained by Section 31(a) of the 1940 Act, and the rules thereunder are maintained at the offices of:

- (1) the Registrant, GSV Capital Corp., 2965 Woodside Road, Woodside, CA 94062;
- (2) the Transfer Agent, American Stock Transfer & Trust Company, 59 Maiden Lane, New York, NY 10038;
- (3) the Custodian, U.S. Bank National Association, One Federal Street, Boston, MA, 02110; and
- (4) the investment adviser, GSV Asset Management, LLC, 2965 Woodside Road, Woodside, CA 94062.

ITEM 33. MANAGEMENT SERVICES

Not applicable.

ITEM 34. UNDERTAKINGS

- (1) Registrant undertakes to suspend the offering of the shares of common stock covered hereby until it amends its prospectus contained herein if (a) subsequent to the effective date of this Registration Statement, its net asset value per share of common stock declines more than 10% from its net asset value per share of common stock as of the effective date of this Registration Statement, or (b) its net asset value increases to an amount greater than its net proceeds as stated in the prospectus contained herein.
- (2) Not applicable.
- (3) Not applicable.
- (4) Not applicable.



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(5) Registrant undertakes that:

- (a) For purposes of determining any liability under the Securities Act of 1933, as amended, the information omitted from the form of prospectus filed as part of the Registration Statement in reliance upon Rule 430A and contained in the form of prospectus filed by the Registrant pursuant to Rule 497(h) under the Securities Act of 1933, as amended, shall be deemed to be part of this Registration Statement as of the time it was declared effective.
- (b) For purposes of determining any liability under the Securities Act of 1933, as amended, each post-effective amendment that contains a form of prospectus shall be deemed to a new registration statement relating to the securities offered therein, and the offering of the securities at that time shall be deemed to be the initial bona fide offering thereof.
- (6) Not applicable.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant has duly caused Pre-Effective Amendment No. 4 to this Registration Statement on Form N-2 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Woodside, in the State of California, on the 20th day of September, 2011.

GSV CAPITAL CORP.

By:/s/ Michael T. Moe Michael T. Moe President, Chief Executive Officer and Chairman of the Board of Directors

Pursuant to the requirements of the Securities Act of 1933, as amended, Pre-Effective Amendment No. 4 to this Registration Statement on Form N-2 has been signed by the following persons on behalf of the Registrant, and in the capacities indicated, on the soft has a final statement of the soft has been signed by the following persons on behalf of the Registrant, and in the capacities indicated, on the

20 ^{ui} day	of Septem	ber, 2011.
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Title
President, Chief Executive Officer and Chairman of the
Board of Directors (Principal Executive Officer)
Chief Financial Officer, Chief Compliance Officer,
Treasurer and Corporate Secretary (Principal Financial
and Accounting Officer)
Director

* Signed by Michael T. Moe pursuant to a power of attorney signed by each individual and filed with this Registration Statement on July 19, 2011.

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September 20, 2011

GSV Capital Corp. 2965 Woodside Road Woodside, CA 94062

> Re: GSV Capital Corp. Registration Statement on Form N-2

Ladies and Gentlemen:

We have acted as counsel to GSV Capital Corp., a Maryland corporation (the "*Company*"), in connection with the preparation and filing by the Company with the Securities and Exchange Commission (the "*Commission*") of a registration statement on Form N-2 on July 19, 2011 (SEC File No. 333-175655) (as amended from time to time, the "*Registration Statement*") under the Securities Act of 1933, as amended (the "*Securities Act*"), with respect to the offer, issuance and sale of up to 7,820,000 shares (the "*Shares*") of the Company's common stock, par value \$0.01 per share (the "*Common Stock*").

As counsel to the Company, we have participated in the preparation of the Registration Statement and have examined the originals or copies, certified or otherwise identified to our satisfaction as being true copies, of such records, documents or other instruments as we in our judgment deem necessary or appropriate for us to render the opinions set forth in this opinion letter including, without limitation, the following:

- (i) The Articles of Amendment and Restatement of the Company, as amended by the Articles of Amendment thereto, both certified as of a recent date by the State Department of Assessments and Taxation of the State of Maryland (the "*Charter*");
- (ii) The Bylaws of the Company, certified as of the date hereof by an officer of the Company (the *"Bylaws"*);
- (iii) A Certificate of Good Standing with respect to the Company issued by the State Department of Assessments and Taxation of the State of Maryland as of a recent date (the "Certificate of Good Standing"); and
- (iv) The resolutions of the board of directors of the Company (the "Board") relating to, among other things, (a) the authorization and approval of the preparation and filing of the Registration Statement, and (b) the authorization, issuance, offer and sale of the Shares pursuant to the Registration Statement, certified as of the date hereof by an officer of the Company (collectively, the "Resolutions").

GSV Capital Corp. September 20, 2011 Page 2

With respect to such examination and our opinion expressed herein, we have assumed, without any independent investigation or verification, (i) the genuineness of all signatures on all documents submitted to us for examination, (ii) the legal capacity of all natural persons, (iii) the authenticity of all documents submitted to us as originals, (iv) the conformity to original documents of all documents submitted to us as conformed or reproduced copies and the authenticity of the originals of such copied documents, and (v) that all certificates issued by public officials have been properly issued. We also have assumed without independent investigation or verification the accuracy and completeness of all corporate records made available to us by the Company.

Where factual matters material to this opinion letter were not independently established, we have relied upon certificates of public officials (which we have assumed remain accurate as of the date of this opinion), upon certificates and/or representations of officers and employees of the Company, upon such other certificates as we deemed appropriate, and upon such other data as we have deemed to be appropriate under the circumstances. Except as otherwise stated herein, we have undertaken no independent investigation or verification of factual matters.

The opinions set forth below are limited to the effect of the Maryland General Corporation Law, as in effect on the date hereof, and reported judicial decisions interpreting the foregoing, and we express no opinion as to the applicability or effect of any other laws of such jurisdiction or the laws of any other jurisdictions. Without limiting the preceding sentence, we express no opinion as to any state securities or broker-dealer laws or regulations thereunder relating to the offer, issuance and sale of the Shares pursuant to the Registration Statement.

On the basis of and subject to the foregoing, and in reliance thereon, and subject to the limitations and qualifications set forth in this opinion letter, and assuming that (i) the final price and amount of the Shares to be issued, offered and sold have been determined in accordance with the Resolutions by proper action of the pricing committee of the Board established by the Resolutions, (ii) the Shares have been delivered to, and the agreed consideration has been fully paid at the time of such delivery by, the purchasers thereof; and (iii) the Registration Statement has become effective under the Securities Act and remains effective at the time of the issuance, offer and sale of the Shares, we are of the opinion that the Shares have been duly authorized and, when issued and paid for in accordance with the Registration Statement, will be validly issued, fully paid and nonassessable.

The opinions expressed in this opinion letter (i) are strictly limited to the matters stated in this opinion letter, and without limiting the foregoing, no other opinions are to be implied and (ii) are only as of the date of this opinion letter, and we are under no obligation, and do not undertake, to advise the addressee of this opinion letter or any other person or entity either of any change of law or fact that occurs, or of any fact that comes to our attention, after the date of this opinion letter, even though such change or such fact may affect the legal analysis or a legal conclusion in this opinion letter.

We hereby consent to the filing of this opinion letter as an exhibit to the Registration Statement. We do not admit by giving this consent that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Respectfully submitted,

/s/ SUTHERLAND ASBILL & BRENNAN LLP SUTHERLAND ASBILL & BRENNAN LLP