

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

**FORM S-3/A
(Amendment No. 1)**
REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

LIGHTBRIDGE CORPORATION
(Exact name of Registrant as specified in its charter)

NEVADA
(State or other jurisdiction of incorporation or organization)

91-1975651
(I.R.S. Employer Identification No.)

1600 Tysons Boulevard, Suite 550
McLean, Virginia 22102
571.730.1200
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Seth Grae
CEO and President
1600 Tysons Boulevard, Suite 550
McLean, Virginia 22102
571.730.1200
(Names and addresses, including zip codes, and telephone numbers, including area codes, of agents for service)

With copies to:

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Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment for an offering pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, and 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

Non-accelerated filer

Smaller reporting company

CALCULATION OF REGISTRATION FEE

| <i>Title of each class of securities to be registered</i> | <i>Amount to be Registered (1)(2)(3)</i> | <i>Proposed Maximum Offering Price Per Unit</i> | <i>Proposed Maximum Aggregate Offering Price (1)(2)(3)</i> | <i>Amount of Registration Fee (4)</i> |
|---|--|---|--|---|
| Common Stock, par value \$0.001 par share | | | | |
| Preferred Stock, par value \$0.001 par share | | | | |
| Debt Securities | | | | |
| Warrants | | | | |
| Units | | | | |
| Total | | | \$ 50,000,000 | \$ 2,790(5) |

- (1) There are being registered hereunder such indeterminate number of shares of common stock and preferred stock, such indeterminate principal amount of debt securities, such indeterminate number of warrants to purchase common stock, preferred stock and/or debt securities, and such indeterminate number of units as may be sold by the registrant from time to time, which together shall have an aggregate initial offering price not to exceed \$50,000,000 or its equivalent in any other currency, currency units, or composite currency or currencies. If any debt securities are issued at an original issue discount, then the offering price of such debt securities shall be in such greater principal amount at maturity as shall result in an aggregate offering price not to exceed \$50,000,000, less the aggregate dollar amount of all securities previously issued hereunder. Any securities registered hereunder may be sold separately or as units with the other securities registered hereunder. The proposed maximum offering price per unit will be determined, from time to time, by the registrant in connection with the issuance by the registrant of the securities registered hereunder.
- (2) Not specified with respect to each class of securities to be registered pursuant to General Instruction II.D. of Form S-3 under the Securities Act.
- (3) Subject to footnote (1), there are also being registered hereunder an indeterminate principal amount or number of shares of debt securities, preferred stock or common stock that may be issued upon conversion of, or in exchange for, debt securities or preferred stock registered hereunder or upon exercise of warrants registered hereunder, as the case may be.
- (4) Calculated pursuant to Rule 457(o) under the Securities Act, which permits the registration fee to be calculated on the basis of the maximum aggregate offering price of all securities listed.
- (5) A fee of \$2,790 was previously paid in connection with the filing of the initial registration statement on Form S-3 on October 26, 2009 (Commission File No. 333-162671).

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 or until this registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell these 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 it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

PROSPECTUS

Subject to completion, dated November 19, 2009

\$50,000,000

LIGHTBRIDGE CORPORATION

**Common Stock
Preferred Stock
Debt Securities
Warrants
Units**

We may offer, issue and sell from time to time our common stock, preferred stock, debt securities, warrants or units up to \$50,000,000 or its equivalent in any other currency, currency units, or composite currency or currencies in one or more issuances. We may offer and sell the securities separately, together or as units, in separate classes or series, in amounts, at prices and on terms to be determined at the time of sale. This prospectus provides a general description of offerings of these securities that we may undertake.

Each time we sell our securities pursuant to this prospectus, we will provide the specific terms of such offering in a supplement to this prospectus. The prospectus supplement may also add, update, or change information contained in this prospectus. You should read this prospectus and the accompanying prospectus supplement, together with additional information described under the heading "Where You Can Find More Information" and "Information Incorporated by Reference," before you make your investment decision.

This prospectus may not be used to offer or sell our securities unless accompanied by a prospectus supplement. The information contained or incorporated in this prospectus or in any prospectus supplement is accurate only as of the date of this prospectus, or such prospectus supplement, as applicable, regardless of the time of delivery of this prospectus or any sale of our securities.

Our common stock is listed on the NASDAQ Capital Market under the symbol "LTBR". On November 18, 2009, the last reported per share sale price of our common stock was \$5.03.

We may offer securities through underwriting syndicates managed or co-managed by one or more underwriters, through agents, or directly to purchasers. The prospectus supplement for each offering of securities will describe the plan of distribution for that offering. For general information about the distribution of securities offered, please see "Plan of Distribution" in this prospectus.

See the "Risk Factors" section of our filings with the SEC and the applicable prospectus supplement for certain risks that you should consider before investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus or any prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2009

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, using a “shelf” registration process. Under this shelf registration process, we may sell our securities described in this prospectus in one or more offerings up to a total dollar amount of \$50,000,000. Each time we offer our securities, we will provide you with a supplement to this prospectus that will describe the specific amounts, prices and terms of the securities we offer. The prospectus supplement may also add, update or change information contained in this prospectus. This prospectus, together with applicable prospectus supplements and the documents incorporated by reference in this prospectus and any prospectus supplements, includes all material information relating to this offering. Please read carefully both this prospectus and any prospectus supplement together with additional information described below under “Where You Can Find More Information” and “Information Incorporated by Reference.”

You should rely only on the information contained in or incorporated by reference in this prospectus and any applicable prospectus supplement. We have not authorized anyone to provide you with different or additional information. If anyone provides you with different or inconsistent information, you should not rely on it. The information contained in this prospectus is accurate only as of the date of this prospectus, regardless of the time of delivery of this prospectus or any sale of securities described in this prospectus. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus or any prospectus supplement, as well as information we have previously filed with the SEC and incorporated by reference, is accurate as of the date on the front of those documents only. Our business, financial condition, results of operations and prospects may have changed since those dates. **This prospectus may not be used to consummate a sale of our securities unless it is accompanied by a prospectus supplement**

USE OF TERMS

Except as otherwise indicated by the context, all references in this prospectus to (i) “Lightbridge,” “we,” “us,” “our,” “our Company,” or “the Company” are to Lightbridge Corporation, a Nevada corporation, and its consolidated subsidiaries; (ii) “Securities Act” are to the Securities Act of 1933, as amended; and (iii) “Exchange Act” means the Securities Exchange Act of 1934, as amended.

LIGHTBRIDGE CORPORATION

We are a provider of nuclear energy consulting and strategic advisory services and a developer of proprietary nuclear fuel designs, each of which will be described in the following sections.

Consulting and Strategic Advisory Services Business Segment

We are primarily engaged in the business of assisting commercial and governmental entities with developing and expanding their nuclear industry capabilities and infrastructure. We provide integrated strategic advice across a range of expertise areas including, for example, nuclear reactor procurement and deployment, reactor and fuel technology, international relations and regulatory affairs.

Due to the relatively limited growth in the nuclear energy industry during the 1980’s and 1990’s, and corresponding limited recruitment into the industry, the cadre of engineers, managers and other nuclear energy industry experts is aging. In the nuclear renaissance, we believe that the industry will be challenged in acquiring and retaining sufficient qualified expertise. Moreover, in countries studying new nuclear energy programs, the number of qualified nuclear energy personnel is very limited, and we believe that those countries will need to rely on significant support from non-domestic service providers and experts to ensure success in those programs.

Our emergence in the field of nuclear energy consulting is in direct response to the need for independent assessments and highly qualified technical consulting services from countries looking to establish nuclear energy programs, by providing a blueprint for safe, clean, efficient and cost-effective non-proliferative nuclear power. We offer full-scope strategic planning and advisory services for new and growing existing markets. Furthermore, we only engage with commercial entities and governments that are dedicated to non-proliferative and transparent nuclear programs.

Our consulting services are expert and relationship based, with particular emphasis on top-of-mind issues of key decision makers in senior positions within governments or companies, as well as focus on overall management of nuclear energy programs. To date, substantially all of our revenues are derived from our business segment which provides nuclear consulting services to entities within the United Arab Emirates

Technology Business Segment

For most of the past decade we have been engaged in the development of proprietary nuclear fuel designs which we ultimately intend to introduce for sale into two markets: (1) nuclear fuel designs for use in commercial nuclear power plants and (2) nuclear fuel designs for reactor-grade plutonium disposition. In addition, we have a conceptual nuclear fuel design for weapons-grade plutonium disposition. These three types of fuel design are primarily for use in existing or future VVER-1000 light water reactors. We have also been conducting research and development related to a variant of these nuclear fuel designs for use in existing pressurized water reactors.

Our future customers may include nuclear fuel fabricators, nuclear power plants and/or the U.S. or international governments.

To date, our operations have been devoted primarily to the development and demonstration of our nuclear fuel designs, developing strategic relationships within and outside of the nuclear power industry, securing political and financial support from the U.S. and Russian governments, and the filing of patent applications (including related administrative functions).

On August 3, 2009, we entered into an Agreement for Consulting Services with Areva, pursuant to which we will conduct the first phase of an investigation of specific topics of thorium fuel cycles in Areva's light water reactors, or LWRs. This first phase will focus on providing initial general results relating to evolutionary approaches to the use of thorium in Areva's LWRs, specifically within Areva's Evolutionary Power Reactor. We will receive total fees of \$550,000 for services provided pursuant to the Consulting Agreement. The anticipated second phase and further phases of the collaboration, including a detailed study of evolutionary and longer-term thorium fuel concepts, will be conducted in accordance with additional collaborative agreements based upon the results of the first phase.

The first and second phases of the collaboration between us and Areva are being conducted with the intention of future cooperation agreements between the two parties in order to develop and set up new products and technologies related to thorium fuel concepts. Areva's use of Thorium Power's intellectual property for commercial purposes or any purpose other than as specified in the Agreement would be separately negotiated on a royalty basis. The initial term of the Agreement for Consulting Services is 12 months, with an additional 14 month term if the parties decide to perform a preliminary review of thermal hydraulic characteristics and fuel behavior for the selected concepts for an EPR 18-month equilibrium cycle.

The Agreement for Consulting Services replaces and supersedes the Initial Collaborative Agreement we entered into with Areva on July 23, 2009, which we reported on SEC Form 8-K filed on July 23, 2009.

On August 3, 2009, we entered into a Collaborative Framework Agreement with Areva, as the next step contemplated by the Initial Collaborative Agreement and the Agreement for Consulting Services, pursuant to which we will establish a joint steering committee with Areva, consisting of two employees from each party. The steering committee will be responsible for reviewing project proposals, will be empowered to make scientific and/or technical decisions and to allocate the resources required to implement future collaborative projects. All research and development activities carried out under a collaboration project will be governed by the general terms of the Collaboration Framework Agreement and the specific terms of project plan approved by the steering committee. The term of the Collaborative Framework Agreement is for a period of 5 years and may be extended upon written agreement of the parties.

To date, we have only had minimal direct revenues from our research and development activities regarding our proprietary nuclear fuel technology, and we do not expect that we will generate licensing revenues from this business for several years, until our fuel designs can be fully tested and demonstrated and we obtain the proper approvals to use our nuclear fuel designs in nuclear reactors. We believe we can leverage our general nuclear technology, business and regulatory expertise as well as industry relationships, to optimize our technology development plans and create integrated advisory services with the highest levels of expertise and experience in the nuclear power industry. Additionally, our knowledge of and credibility in addressing proliferation related issues that we have developed over many years, benefit our new consulting business. Our advisory services include a focus on non-proliferation, safety and operational transparency of nuclear power programs.

The address of our principal executive office is 1600 Tysons Boulevard, Suite 550, McLean, Virginia 22102 and our telephone number is 571.730.1200. We maintain a website at www.Ltbridge.com that contains information about our Company, though no information contained on our website is part of this prospectus.

RISK FACTORS

An investment in our securities involves a high degree of risk. Prior to making a decision about investing in our securities, you should carefully consider the specific risk factors discussed in the sections entitled "Risk Factors" contained in our most recent Annual Report on Form 10-K filed on March 26, 2009 and in any applicable prospectus supplement and our other filings with the SEC and incorporated by reference in this prospectus, together with all of the other information contained in this prospectus, or any applicable prospectus supplement. Additional risks and uncertainties not presently known to us, or that we currently view as immaterial, may also impair our business. If any of the risks or uncertainties described in our SEC filings or any prospectus supplement or any additional risks and uncertainties actually occur, our business, financial condition and results of operations could be materially and adversely affected. In that case, the trading price of our securities could decline and you might lose all or part of your investment.

FORWARD-LOOKING STATEMENTS

This prospectus contains or incorporates forward-looking statements within the meaning of section 27A of the Securities Act and section 21E of the Exchange Act. These forward-looking statements are management's beliefs and assumptions. In addition, other written or oral statements that constitute forward-looking statements are based on current expectations, estimates and projections about the industry and markets in which we operate and statements may be made by or on our behalf. Words such as "should," "could," "may," "expect," "anticipate," "intend," "plan," "believe," "seek," "estimate," variations of such words and similar expressions are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. There are a number of important factors that could cause our actual results to differ materially from those indicated by such forward-looking statements.

We describe material risks, uncertainties and assumptions that could affect our business, including our financial condition and results of operations, under "Risk Factors" and may update our descriptions of such risks, uncertainties and assumptions in any prospectus supplement. We base our forward-looking statements on our management's beliefs and assumptions based on information available to our management at the time the statements are made. We caution you that actual outcomes and results may differ materially from what is expressed, implied or forecast by our forward-looking statements. Accordingly, you should be careful about relying on any forward-looking statements. Reference is made in particular to forward-looking statements regarding growth strategies, financial results, product and service development, competitive strengths, intellectual property rights, litigation, mergers and acquisitions, market acceptance or continued acceptance of our products and services, accounting estimates, financing activities, ongoing contractual obligations and sales efforts. Except as required under the federal securities laws and the rules and regulations of the SEC, we do not have any intention or obligation to update publicly any forward-looking statements after the distribution of this prospectus, whether as a result of new information, future events, changes in assumptions, or otherwise.

USE OF PROCEEDS

Unless specified otherwise in the applicable prospectus supplement, we expect to use the net proceeds we receive from the sale of the securities offered by this prospectus and the accompanying prospectus supplement for general corporate purposes, which may include, among other things:

- acquisitions;
- working capital;
- capital expenditures;
- repayment of debt;
- research and development expenditures; and
- investments.

The precise amount and timing of the application of such proceeds will depend upon our funding requirements and the availability and cost of other capital. Pending any specific application, we may initially invest funds in short-term marketable securities or apply them to the reduction of short-term indebtedness. Additional information on the use of net proceeds from the sale of securities covered by this prospectus may be set forth in the prospectus supplement relating to the specific offering.

RATIOS OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratios of consolidated earnings to fixed charges for the periods indicated:

| | Nine Months Ended | Year Ended December 31, | | | | |
|---|-------------------|-------------------------|------|------|------|------|
| | September 30, | 2008 | 2007 | 2006 | 2005 | 2004 |
| | 2009 | | | | | |
| Ratio of earnings to fixed charges and preferred stock dividends: | (a) | (a) | (b) | (a) | (c) | (d) |

The ratio of earnings to fixed charges is computed by dividing (i) income (loss) before income taxes, discontinued operations and the cumulative effect of accounting changes less equity in the income (loss) of investments plus fixed charges less the preference securities dividend requirement of consolidated subsidiaries by (ii) fixed charges. Fixed charges include, as applicable, interest expense, amortization of debt issuance costs, the estimated interest component of rent expense (calculated as one-third of net rent expense) and the preference securities dividend requirement of consolidated subsidiaries.

- (a) We did not have any fixed charges for the nine months ended September 30, 2009 or for the years ended December 31, 2008 or 2006.
 (b) Earnings for the year ended December 31, 2007 were inadequate to cover fixed charges. The coverage deficiency to cover fixed charges was \$876.
 (c) Earnings for the year ended December 31, 2005 were inadequate to cover fixed charges. The coverage deficiency to cover fixed charges was \$411,693.
 (d) Earnings for the year ended December 31, 2004 were inadequate to cover fixed charges. The coverage deficiency to cover fixed charges was \$60,492.

DESCRIPTION OF CAPITAL STOCK

Our Articles of Incorporation authorizes us to issue 500,000,000 shares of common stock, \$0.001 par value per share, and 50,000,000 shares of preferred stock, \$0.001 par value per share. As of November 11, 2009, there were 10,965,566 shares of common stock, and no shares of preferred stock, outstanding.

The following description of our capital stock, and any description of our capital stock in a prospectus supplement may not be complete and is subject to Nevada law and the actual terms and provisions contained in our articles of incorporation and bylaws, each as amended from time to time.

Common Stock. All outstanding common stock is, and any stock issued under this prospectus will be, fully paid and non-assessable. Subject to the rights of the holders of our outstanding preferred stock, holders of common stock:

- are entitled to any dividends or other distributions when and if declared by our board of directors out of funds legally available for such purpose;
- will share ratably in our net assets in the event of a dissolution, winding-up or liquidation of our company; and

are entitled to one vote per share of record on all matters to be voted upon by shareholders and to vote together as a single class for the election of directors and in respect of other corporate matters.

The common stock has no conversion or redemption rights or features. Holders of common stock have no preemptive rights to purchase or subscribe for any stock or other securities of ours, or call rights related to those shares.

Preferred Stock. Our board of directors is authorized, without action by the shareholders, to issue preferred stock from time to time with dividend, liquidation, conversion, voting, and other rights and restrictions as it may determine. Shares of preferred stock may be issued in one or more classes or series within a class as may be determined by our board of directors, who may also establish the number of shares to be included in each class or series. Any preferred stock so issued by the board of directors may rank senior to the common stock with respect to the payment of dividends or amounts upon liquidation, dissolution or winding up of us, or both.

Unless provided in a supplement to this prospectus, the shares of our preferred stock to be issued will have no preemptive rights. If preferred stock is offered by us, the prospectus supplement will describe the terms of the preferred stock, including the following if applicable to the particular offering:

- number of shares of preferred stock to be issued and the offering price of the preferred stock;
- the title and stated value of the preferred stock;
- dividend rights, including dividend rates, periods, or payment dates, or methods of calculation of dividends applicable to the preferred stock;
- the date from which distributions on the preferred stock shall accumulate, if applicable;
- right to convert the preferred stock into a different type of security;
- voting rights attributable to the preferred stock;
- rights and preferences upon our liquidation or winding up of our affairs;
- terms of redemption;
- the procedures for any auction and remarketing, if any, for the preferred stock;
- the provisions for a sinking fund, if any, for the preferred stock;
- any listing of the preferred stock on any securities exchange;
- the terms and conditions, if applicable, upon which the preferred stock will be convertible into our common stock, including the conversion price (or manner of calculation thereof);
- a discussion of federal income tax considerations applicable to the preferred stock;
- the relative ranking and preferences of the preferred stock as to distribution rights (including whether any liquidation preference as to the preferred stock will be treated as a liability for purposes of determining the availability of assets for distributions to holders of stock ranking junior to the shares of preferred stock as to distribution rights);
- any limitations on issuance of any series of preferred stock ranking senior to or on a parity with the series of preferred stock being offered as to distribution rights and rights upon the liquidation, dissolution or winding up or our affairs; and
- any other specific terms, preferences, rights, limitations or restrictions of the preferred stock.

If our board of directors decides to issue any preferred stock, it may discourage or make more difficult a merger, tender offer, business combination or proxy contest, assumption of control by a holder of a large block of our securities or the removal of incumbent management, even if these events were favorable to the interests of shareholders. Our board of directors, without shareholder approval, may issue preferred stock with voting and conversion rights and dividend and liquidation preferences which may adversely affect the holders of common stock.

Limitation of Director Liability and Indemnification.

Our articles of incorporation and bylaws, each as amended, and Nevada law limit the liability of our directors and officers. Chapter 78 of the Nevada General Corporation Law (“NGCL”) provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that he is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding if he is not liable pursuant to NGCL Section 78.138 or acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. NGCL Chapter 78 further provides that a corporation similarly may indemnify any such person serving in any such capacity who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys’ fees) actually and reasonably incurred in connection with the defense or settlement of such action or suit if he is not liable pursuant to NGCL Section 78.138 or acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the court or other court of competent jurisdiction in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the court or other court of competent jurisdiction shall deem proper.

Additionally, under the terms of their respective independent director agreements, subject to certain limitations, Victor Alessi, Jack Ladd and Daniel Magraw are entitled to indemnification in their capacity as directors of our company to the fullest extent permitted by the NGCL.

Anti-takeover Effects of Our Articles of Incorporation and By-laws

Our articles of incorporation and by-laws contain certain provisions that may have the effect of entrenching our existing board members, delaying, deferring or preventing a future takeover or change in control of the company unless such takeover or change in control is approved by the board of directors.

These provisions include:

- *Limitation of Director Liability* — Our articles of incorporation limit the liability of our directors to us or our stockholders. Specifically, our directors will not be personally liable for breach of a director’s fiduciary duty as a director, except for (a) acts of omissions not in good faith, (b) acts or omissions which involve intentional misconduct, fraud or violation of law, (c) acts or omissions in breach of the director’s duty of loyalty to the company or its shareholders, (d) acts or omissions from which the director derived an improper personal benefit or (e) payment of dividends in violation of law.
- *Removal of Directors and Filling of Vacancies* — The number of votes required to remove a director from the board of directors and giving remaining directors the sole right to fill a vacancy on the board of directors may make it more difficult for, or prevent or deter a third party from acquiring control of our Company or changing our board of directors and management, as well as, inhibit fluctuations in the market price of our common stock that could result from actual or rumored takeover attempts.

· *Amendment of By-laws* — Our by-laws may be amended by our board of directors alone.

· *Authorized but Unissued Shares* — Our board of directors may cause us to issue our authorized but unissued shares of common stock in the future without stockholders' approval. These additional shares may be utilized for a variety of corporate purposes, including future public offerings to raise additional capital, corporate acquisitions and employee benefit plans. The existence of authorized but unissued shares of common stock could render more difficult or discourage an attempt to obtain control of a majority of our common stock by means of a proxy contest, tender offer, merger or otherwise.

Transfer Agent

The transfer agent and registrar for our common stock is Computershare Trust Company, located in Golden, Colorado. Their mailing address is 350 Indiana Street, Golden Colorado 80401. Their phone number is 303.262.0600.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock, preferred stock and/or debt securities in one or more series. We may issue warrants independently or together with common stock, preferred stock and/or debt securities, and the warrants may be attached to or traded separate and apart from these securities. Each series of warrants will be issued under a warrant agreement all as set forth in the prospectus supplement. A copy of the form of warrant agreement, including any form of warrant certificates representing the warrants, reflecting the provisions to be included in the warrant agreements and/or warrant certificates that will be entered into with respect to particular offerings of warrants, will be filed as an exhibit to a Form 8-K to be incorporated into the registration statement of which this prospectus constitutes a part prior to the issuance of any warrants.

The applicable prospectus supplement or term sheet will describe the terms of the warrants offered thereby, any warrant agreement relating to such warrants and the warrant certificates, including but not limited to the following:

- the offering price or prices;
- the aggregate amount of securities that may be purchased upon exercise of such warrants and minimum number of warrants that are exercisable;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the number of securities, if any, with which such warrants are being offered and the number of such warrants being offered with each security;
- the date on and after which such warrants and the related securities, if any, will be transferable separately;
- the amount of securities purchasable upon exercise of each warrant and the price at which the securities may be purchased upon such exercise, and events or conditions under which the amount of securities may be subject to adjustment;
- the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;
- the circumstances, if any, which will cause the warrants to be deemed to be automatically exercised;
- any material risk factors, if any, relating to such warrants;
- the identity of any warrant agent; and
- any other terms of such warrants (which shall not be inconsistent with the provisions of the warrant agreement).

Each warrant will entitle the holder to purchase a principal amount of common stock, preferred stock and/or debt securities at an exercise price as shall in each case be set forth in, or calculable from, the prospectus supplement relating to those warrants. Warrants may be exercised at the times set forth in the prospectus supplement relating to such warrants. After the close of business on the expiration date (or any later date to which the expiration date may be extended by us), unexercised warrants will become void. Subject to any restrictions and additional requirements that may be set forth in the prospectus supplement relating thereto, warrants may be exercised by delivery to the Company or its warrant agent of the certificate evidencing the warrants properly completed and duly executed and of payment as provided in the prospectus supplement of the amount required to purchase the debt securities or shares of common stock, shares of preferred stock, or depositary shares purchasable upon such exercise. The exercise price will be the price applicable on the date of payment in full, as set forth in the prospectus supplement relating to the warrants. Upon receipt of the payment and the certificate representing the warrants to be exercised properly completed, duly executed and properly delivered as indicated in the prospectus supplement, we will, as soon as practicable, issue and deliver the debt securities or shares of common stock, shares of preferred stock, or depositary shares purchasable upon such exercise. If fewer than all of the warrants represented by that certificate are exercised, a new certificate will be issued for the remaining amount of warrants.

Prior to the exercise of any warrants, holders of such warrants will not have any rights of holders of the securities purchasable upon such exercise, including the right to receive payments of dividends, if any, on the securities purchasable upon such exercise, statutory appraisal rights or the right to vote such underlying securities.

Prospective purchasers of warrants should be aware that material U.S. federal income tax, accounting and other considerations may be applicable to instruments such as warrants.

DESCRIPTION OF DEBT SECURITIES

The following is a summary of the general terms of the debt securities that we may issue. We will file a prospectus supplement that may contain additional terms when we issue debt securities. The terms presented here, together with the terms in a related prospectus supplement, will be a description of the material terms of the debt securities. You should also read the indenture under which the debt securities are to be issued. We have filed a form of indenture governing different types of debt securities with the SEC as an exhibit to the registration statement of which this prospectus is a part. All capitalized terms have the meanings specified in the indenture.

We may issue, from time to time, debt securities, in one or more series, that will consist of senior debt, senior subordinated debt or subordinated debt. We refer to the subordinated debt securities and the senior subordinated debt securities together as the subordinated securities. The debt securities that we may offer will be issued under an indenture between us and an entity, identified in the applicable prospectus supplement, as trustee. Debt securities, whether senior, senior subordinated or subordinated, may be issued as convertible debt securities or exchangeable debt securities. The following is a summary of the material provisions of the indenture filed as an exhibit to the registration statement of which this prospectus is a part.

As you read this section, please remember that for each series of debt securities, the specific terms of your debt security as described in the applicable prospectus supplement will supplement and, if applicable, may modify or replace the general terms described in the summary below. The statement we make in this section may not apply to your debt security.

General Terms of the Indenture

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit that we may designate. We may, without the consent of the holders of any series, increase the principal amount of securities in that series in the future, on the same terms and conditions and with the same CUSIP numbers as that series. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to give holders of any debt securities protection against changes in our operations, financial condition or transactions involving us.

We may issue the debt securities issued under the indenture as “discount securities,” which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may be issued with “original issue discount”, or OID, for U.S. federal income tax purposes because of interest payment and other characteristics. Material U.S. federal income tax considerations applicable to debt securities issued with original issue discount will be described in more detail in any applicable prospectus supplement.

The applicable prospectus supplement for a series of debt securities that we issue will describe, among other things, the following terms of the offered debt securities:

- the title and authorized denominations of the series of debt securities;
- any limit on the aggregate principal amount of the series of debt securities;
- whether such debt securities will be issued in fully registered form without coupons or in a form registered as to principal only with coupons or in bearer form with coupons;
- whether issued in the form of one or more global securities and whether all or a portion of the principal amount of the debt securities is represented thereby;
- the price or prices at which the debt securities will be issued;
- the date or dates on which principal is payable;
- the place or places where and the manner in which principal, premium or interest, if any, will be payable and the place or places where the debt securities may be presented for transfer and, if applicable, conversion or exchange;
- interest rates, and the dates from which interest, if any, will accrue, and the dates when interest is payable and the maturity;
- the right, if any, to extend the interest payment periods and the duration of the extensions;
- our rights or obligations to redeem or purchase the debt securities;
- any sinking fund or other provisions that would obligate us to repurchase or otherwise redeem some or all of the debt securities;
- conversion or exchange provisions, if any, including conversion or exchange prices or rates and adjustments thereto;
- the currency or currencies of payment of principal or interest;
- the terms applicable to any debt securities issued at a discount from their stated principal amount;
- the terms, if any, under which any debt securities will rank junior to any of our other debt;
- whether and upon what terms the debt securities may be defeased, if different from the provisions set forth in the indenture;
- if the amount of payments of principal or interest is to be determined by reference to an index or formula, or based on a coin or currency other than that in which the debt securities are stated to be payable, the manner in which these amounts are determined and the calculation agent, if any, with respect thereto;
- the provisions, if any, relating to any collateral provided for the debt securities;
- if other than the entire principal amount of the debt securities when issued, the portion of the principal amount payable upon acceleration of maturity as a result of a default on our obligations;
- the events of default and covenants relating to the debt securities that are in addition to, modify or delete those described in this prospectus;
- the nature and terms of any security for any secured debt securities; and
- any other specific terms of any debt securities.

The applicable prospectus supplement will present material U.S. federal income tax considerations for holders of any debt securities and the securities exchange or quotation system on which any debt securities are to be listed or quoted.

Senior Debt Securities

Payment of the principal of, premium and interest, if any, on senior debt securities will rank on a parity with all of our other secured/unsecured and unsubordinated debt.

Senior Subordinated Debt Securities

Payment of the principal of, premium and interest, if any, on senior subordinated debt securities will be junior in right of payment to the prior payment in full of all of our unsubordinated debt, including senior debt securities and any credit facility. We will state in the applicable prospectus supplement relating to any senior subordinated debt securities the subordination terms of the securities as well as the aggregate amount of outstanding debt, as of the most recent practicable date, that by its terms would be senior to the senior subordinated debt securities. We will also state in such prospectus supplement limitations, if any, on issuance of additional senior debt.

Subordinated Debt Securities

Payment of the principal of, premium and interest, if any, on subordinated debt securities will be subordinated and junior in right of payment to the prior payment in full of all of our senior debt, including our senior debt securities and senior subordinated debt securities. We will state in the applicable prospectus supplement relating to any subordinated debt securities the subordination terms of the securities as well as the aggregate amount of outstanding indebtedness, as of the most recent practicable date, that by its terms would be senior to the subordinated debt securities. We will also state in such prospectus supplement limitations, if any, on issuance of additional senior indebtedness.

Conversion or Exchange Rights

Debt securities may be convertible into or exchangeable for other securities, including, for example, shares of our equity securities. The terms and conditions of conversion or exchange will be stated in the applicable prospectus supplement. The terms will include, among others, the following:

- the conversion or exchange price;
- the conversion or exchange period;
- provisions regarding the ability of us or the holder to convert or exchange the debt securities;
- events requiring adjustment to the conversion or exchange price; and
- provisions affecting conversion or exchange in the event of our redemption of the debt securities.

Consolidation, Merger or Sale

We cannot consolidate or merge with or into, or transfer or lease all or substantially all of our assets to, any person, and we cannot permit any other person to consolidate with or merge into us, unless (1) we will be the continuing corporation or (2) the successor corporation or person to which our assets are transferred or leased is a corporation organized under the laws of the United States, any state of the United States or the District of Columbia and it expressly assumes our obligations under the debt securities and the indenture. In addition, we cannot complete such a transaction unless immediately after completing the transaction, no event of default under the indenture, and no event which, after notice or lapse of time or both, would become an event of default under the indenture, shall have occurred and be continuing. When the person to whom our assets are transferred or leased has assumed our obligations under the debt securities and the indenture, we shall be discharged from all our obligations under the debt securities and the indenture except in limited circumstances.

This covenant would not apply to any recapitalization transaction, a change of control of us or a highly leveraged transaction, unless the transaction or change of control were structured to include a merger or consolidation or transfer or lease of all or substantially all of our assets.

Events of Default

The term "Event of Default," when used in the indenture, unless otherwise indicated, means any of the following:

- failure to pay interest for 30 days after the date payment is due and payable;

- failure to pay principal or premium, if any, on any debt security when due, either at maturity, upon any redemption, by declaration or otherwise;
- failure to make sinking fund payments when due;
- failure to perform other covenants for 60 days after notice that performance was required;
- events in bankruptcy, insolvency or reorganization relating to us; or
- any other Event of Default provided in the applicable officer's certificate, resolution of our board of directors or the supplemental indenture under which we issue a series of debt securities.

An Event of Default for a particular series of debt securities does not necessarily constitute an Event of Default for any other series of debt securities issued under the indenture.

If an Event of Default with respect to any series of senior debt securities occurs and is continuing, then either the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of such series, by notice in writing, may declare the principal amount of and interest on all of the debt securities of such series to be due and payable immediately; provided, however, unless otherwise provided in the applicable prospectus supplement, if such an Event of Default occurs and is continuing with respect to more than one series of senior debt securities under the indenture, the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of all such series of senior debt securities of equal ranking (or, if any of such senior debt securities are discount securities, such portion of the principal amount as may be specified in the terms of that series), voting as one class, may make such declaration of acceleration as to all series of such equal ranking and not the holders of the debt securities of any one of such series of senior debt securities.

If an Event of Default with respect to any series of subordinated securities occurs and is continuing, then either the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of such series, by notice in writing, may declare the principal amount of and interest on all of the debt securities of such series to be due and payable immediately; provided, however, unless otherwise provided in the applicable prospectus supplement, if such an Event of Default occurs and is continuing with respect to more than one series of subordinated securities under the indenture, the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of all such series of subordinated securities of equal ranking (or, if any of such subordinated securities are discount securities, such portion of the principal amount as may be specified in the terms of that series), voting as one class, may make such declaration of acceleration as to all series of equal ranking and not the holders of the debt securities of any one of such series of subordinated securities.

The holders of not less than a majority in aggregate principal amount of the debt securities of all affected series of equal ranking may, after satisfying certain conditions, rescind and annul any of the above-described declarations and consequences involving such series.

If an Event of Default relating to events in bankruptcy, insolvency or reorganization of us occurs and is continuing, then the principal amount of all of the debt securities outstanding, and any accrued interest, will automatically become due and payable immediately, without any declaration or other act by the trustee or any holder.

The indenture imposes limitations on suits brought by holders of debt securities against us. Except for actions for payment of overdue principal or interest, no holder of debt securities of any series may institute any action against us under the indenture unless:

- the holder has previously given to the trustee written notice of default and continuance of such default;
- the holders of not less than a majority in principal amount of the outstanding debt securities of the affected series of equal ranking have requested that the trustee institute the action;
- the requesting holders have offered the trustee reasonable indemnity for expenses and liabilities that may be incurred by bringing the action;
- the trustee has not instituted the action within 60 days of the request; and
- the trustee has not received inconsistent direction by the holders of a majority in principal amount of the outstanding debt securities of the affected series of equal ranking.

We will be required to file annually with the trustee a certificate, signed by one of our officers, stating whether or not the officer knows of any default by us in the performance, observance or fulfillment of any condition or covenant of the indenture.

Registered Global Securities and Book Entry System

The debt securities of a series may be issued in whole or in part in book-entry form and may be represented by one or more fully registered global securities or in unregistered form with or without coupons. We will deposit any registered global securities with a depository or with a nominee for a depository identified in the applicable prospectus supplement and registered in the name of such depository or nominee. In such case, we will issue one or more registered global securities denominated in an amount equal to the aggregate principal amount of all of the debt securities of the series to be issued and represented by such registered global security or securities. This means that we will not issue certificates to each holder.

Unless and until it is exchanged in whole or in part for debt securities in definitive registered form, a registered global security may not be transferred except as a whole:

- by the depository for such registered global security to its nominee;
- by a nominee of the depository to the depository or another nominee of the depository; or
- by the depository or its nominee to a successor of the depository or a nominee of the successor.

The prospectus supplement relating to a series of debt securities will describe the specific terms of the depository arrangement involving any portion of the series represented by a registered global security. We anticipate that the following provisions will apply to all depository arrangements for registered debt securities:

- ownership of beneficial interests in a registered global security will be limited to persons that have accounts with the depository for such registered global security, these persons being referred to as “participants,” or persons that may hold interests through participants;
- upon the issuance of a registered global security, the depository for the registered global security will credit, on its book-entry registration and transfer system, the participants’ accounts with the respective principal amounts of the debt securities represented by the registered global security beneficially owned by the participants;
- any dealers, underwriters, or agents participating in the distribution of the debt securities represented by a registered global security will designate the accounts to be credited; and
- ownership of beneficial interest in such registered global security will be shown on, and the transfer of such ownership interest will be effected only through, records maintained by the depository for such registered global security for interests of participants, and on the records of participants for interests of persons holding through participants.

The laws of some states may require that specified purchasers of securities take physical delivery of the securities in definitive form. These laws may limit the ability of those persons to own, transfer or pledge beneficial interests in registered global securities.

So long as the depository for a registered global security, or its nominee, is the registered owner of such registered global security, the depository or such nominee, as the case may be, will be considered the sole owner or holder of the debt securities represented by the registered global security for all purposes under the indenture. Except as stated below, owners of beneficial interests in a registered global security:

- will not be entitled to have the debt securities represented by a registered global security registered in their names;
- will not receive or be entitled to receive physical delivery of the debt securities in the definitive form; and
- will not be considered the owners or holders of the debt securities under the relevant indenture.

Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depository for the registered global security and, if the person is not a participant, on the procedures of a participant through which the person owns its interest, to exercise any rights of a holder under the indenture.

We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the indenture, the depository for the registered global security would authorize the participants holding the relevant beneficial interests to give or take the action, and the participants would authorize beneficial owners owning through the participants to give or take the action or would otherwise act upon the instructions of beneficial owners holding through them.

We will make payments of principal and premium, if any, and interest, if any, on debt securities represented by a registered global security registered in the name of a depository or its nominee to the depository or its nominee, as the case may be, as the registered owners of the registered global security. None of us, the trustee or any other agent of ours or the trustee will be responsible or liable for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

We expect that the depository for any debt securities represented by a registered global security, upon receipt of any payments of principal and premium, if any, and interest, if any, in respect of the registered global security, will immediately credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the registered global security as shown on the records of the depository. We also expect that standing customer instructions and customary practices will govern payments by participants to owners of beneficial interests in the registered global security held through the participants, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name." We also expect that any of these payments will be the responsibility of the participants.

If the depository for any debt securities represented by a registered global security is at any time unwilling or unable to continue as depository or stops being a clearing agency registered under the Exchange Act, we will appoint an eligible successor depository. If we fail to appoint an eligible successor depository within 90 days, we will issue the debt securities in definitive form in exchange for the registered global security. In addition, we may at any time and in our sole discretion decide not to have any of the debt securities of a series represented by one or more registered global securities. In that event, we will issue debt securities of the series in a definitive form in exchange for all of the registered global securities representing the debt securities. The trustee will register any debt securities issued in definitive form in exchange for a registered global security in the name or names as the depository, based upon instructions from its participants, shall instruct the trustee.

We may also issue bearer debt securities of a series in the form of one or more global securities, referred to as "bearer global securities." The prospectus supplement relating to a series of debt securities represented by a bearer global security will describe the applicable terms and procedures. These will include the specific terms of the depository arrangement and any specific procedures for the issuance of debt securities in definitive form in exchange for a bearer global security, in proportion to the series represented by a bearer global security.

Discharge, Defeasance and Covenant Defeasance

We can discharge or decrease our obligations under the indenture as stated below.

We may discharge obligations to holders of any series of debt securities that have not already been delivered to the trustee for cancellation and that have either become due and payable or are by their terms to become due and payable, or are scheduled for redemption, within sixty (60) days. We may effect a discharge by irrevocably depositing with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be enough to pay when due, whether at maturity, upon redemption or otherwise, the principal of, premium and interest, if any, on the debt securities and any mandatory sinking fund payments.

Unless otherwise provided in the applicable prospectus supplement, we may also discharge any and all of our obligations to holders of any series of debt securities at any time, which we refer to as defeasance. We may also be released from the obligations imposed by any covenants of any outstanding series of debt securities and provisions of the indenture, and we may omit to comply with those covenants without creating an event of default under the trust declaration, which we refer to as covenant defeasance. We may effect defeasance and covenant defeasance only if, among other things:

- we irrevocably deposit with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be enough to pay at maturity, or upon redemption, the principal, premium and interest, if any, on all outstanding debt securities of the series;

- we deliver to the trustee an opinion of counsel from a nationally recognized law firm to the effect that the holders of the series of debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the defeasance or covenant defeasance and that defeasance or covenant defeasance will not otherwise alter the holders' U.S. federal income tax treatment of principal, premium and interest, if any, payments on the series of debt securities; and
- in the case of subordinated debt securities, no event or condition shall exist that, based on the subordination provisions applicable to the series, would prevent us from making payments of principal of, premium and interest, if any, on any of the applicable subordinated debt securities at the date of the irrevocable deposit referred to above or at any time during the period ending on the 91st day after the deposit date.

In the case of a defeasance by us, the opinion we deliver must be based on a ruling of the Internal Revenue Service issued, or a change in U.S. federal income tax law occurring, after the date of the indenture, since such a result would not occur under the U.S. federal income tax laws in effect on such date.

Although we may discharge or decrease our obligations under the indenture as described in the two preceding paragraphs, we may not avoid, among other things, our duty to register the transfer or exchange of any series of debt securities, to replace any temporary, mutilated, destroyed, lost or stolen series of debt securities or to maintain an office or agency in respect of any series of debt securities.

Modification of the Indenture

The indenture provides that we and the trustee may enter into supplemental indentures without the consent of the holders of debt securities to:

- secure any debt securities and provide the terms and conditions for the release or substitution of the security;
- evidence the assumption by a successor corporation of our obligations;
- add covenants for the protection of the holders of debt securities;
- add any additional events of default;
- cure any ambiguity or correct any inconsistency or defect in the indenture;
- add to, change or eliminate any of the provisions of the indenture in a manner that will become effective only when there is no outstanding debt security which is entitled to the benefit of the provision as to which the modification would apply;
- establish the forms or terms of debt securities of any series;
- eliminate any conflict between the terms of the indenture and the Trust Indenture Act of 1939;
- evidence and provide for the acceptance of appointment by a successor trustee and add to or change any of the provisions of the indenture as is necessary for the administration of the trusts by more than one trustee; and
- make any other provisions with respect to matters or questions arising under the indenture that will not be inconsistent with any provision of the indenture as long as the new provisions do not adversely affect the interests of the holders of any outstanding debt securities of any series created prior to the modification.

The indenture also provides that we and the trustee may, with the consent of the holders of not less than a majority in aggregate principal amount of debt securities of all series of senior debt securities or of Subordinated Securities of equal ranking, as the case may be, then outstanding and affected, voting as one class, add any provisions to, or change in any manner, eliminate or modify in any way the provisions of, the indenture or modify in any manner the rights of the holders of the debt securities. We and the trustee may not, however, without the consent of the holder of each outstanding debt security affected thereby:

- extend the final maturity of any debt security;
- reduce the principal amount or premium, if any;
- reduce the rate or extend the time of payment of interest;

- reduce any amount payable on redemption or impair or affect any right of redemption at the option of the holder of the debt security;
- change the currency in which the principal, premium or interest, if any, is payable;
- reduce the amount of the principal of any debt security issued with an original issue discount that is payable upon acceleration or provable in bankruptcy;
- alter provisions of the relevant indenture relating to the debt securities not denominated in U.S. dollars;
- impair the right to institute suit for the enforcement of any payment on any debt security when due;
- if applicable, adversely affect the right of a holder to convert or exchange a debt security; or
- reduce the percentage of holders of debt securities of any series whose consent is required for any modification of the indenture.

The indenture provides that the holders of not less than a majority in aggregate principal amount of the then outstanding debt securities of any and all affected series of equal ranking, by notice to the relevant trustee, may on behalf of the holders of the debt securities of any and all such series of equal ranking waive any default and its consequences under the indenture except:

- a continuing default in the payment of interest on, premium, if any, or principal of, any such debt security held by a non-consenting holder; or
- a default in respect of a covenant or provision of the indenture that cannot be modified or amended without the consent of the holder of each outstanding debt security of each series affected.

Concerning the Trustee

The indenture provides that there may be more than one trustee under the indenture, each for one or more series of debt securities. If there are different trustees for different series of debt securities, each trustee will be a trustee of a trust under the indenture separate and apart from the trust administered by any other trustee under that indenture.

Except as otherwise indicated in this prospectus or any prospectus supplement, any action permitted to be taken by a trustee may be taken by such trustee only on the one or more series of debt securities for which it is the trustee under the indenture. Any trustee under the indenture may resign or be removed from one or more series of debt securities. All payments of principal of, premium and interest, if any, on, and all registration, transfer, exchange, authentication and delivery of, the debt securities of a series will be effected by the trustee for that series at an office designated by the trustee.

If the trustee becomes a creditor of ours, the indenture places limitations on the right of the trustee to obtain payment of claims or to realize on property received in respect of any such claim as security or otherwise. The trustee may engage in other transactions. If it acquires any conflicting interest relating to any duties concerning the debt securities, however, it must eliminate the conflict or resign as trustee.

The holders of a majority in aggregate principal amount of any and all affected series of debt securities of equal ranking then outstanding will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee concerning the applicable series of debt securities, provided that the direction:

- would not conflict with any rule of law or with the relevant indenture;
- would not be unduly prejudicial to the rights of another holder of the debt securities;
- and would not involve any trustee in personal liability.

The indenture provides that in case an Event of Default shall occur, not be cured and be known to any trustee, the trustee must use the same degree of care as a prudent person would use in the conduct of his or her own affairs in the exercise of the trustee's power. The trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any of the holders of the debt securities, unless they shall have offered to the trustee security and indemnity satisfactory to the trustee.

No Individual Liability of Incorporators, Stockholders, Officers or Directors

The indenture provides that no incorporator and no past, present or future stockholder, officer or director of ours or any successor corporation in their capacity as such shall have any individual liability for any of our obligations, covenants or agreements under the debt securities or the indenture.

Governing Law

The indenture and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other securities described in this prospectus in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date.

The applicable prospectus supplement may describe:

- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and
- any additional terms of the governing unit agreement.

The applicable prospectus supplement will describe the terms of any units. The preceding description and any description of units in the applicable prospectus supplement does not purport to be complete and is subject to and is qualified in its entirety by reference to the unit agreement and, if applicable, collateral arrangements and depositary arrangements relating to such units.

PLAN OF DISTRIBUTION

We may sell the securities offered by this prospectus in any one or more of the following ways from time to time:

- directly to investors, including through a specific bidding, auction or other process;
- to investors through agents;
- directly to agents;
- to or through brokers or dealers;
- to the public through underwriting syndicates led by one or more managing underwriters;
- to one or more underwriters acting alone for resale to investors or to the public; and
- through a combination of any such methods of sale.

We may also sell and distribute the securities offered by this prospectus from time to time in one or more transactions, including in “at the market offerings” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise. We may sell our securities through a rights offering, forward contracts or similar arrangements.

The accompanying prospectus supplement will set forth the terms of the offering and the method of distribution and will identify any firms acting as underwriters, dealers or agents in connection with the offering, including:

- the name or names of any underwriters, dealers or agents;
- the purchase price of the securities and the proceeds to us from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any underwriting discounts and other items constituting compensation to underwriters, dealers or agents;
- any public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchange or market on which the securities offered in the prospectus supplement may be listed.

Only those underwriters identified in such prospectus supplement are deemed to be underwriters in connection with the securities offered in the prospectus supplement. Any underwritten offering may be on a best efforts or a firm commitment basis.

The distribution of the securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at varying prices determined at the time of sale, or at prices determined as the applicable prospectus supplement specifies. The securities may be sold through a rights offering, forward contracts or similar arrangements. In any distribution of subscription rights to stockholders, if all of the underlying securities are not subscribed for, we may then sell the unsubscribed securities directly to third parties or may engage the services of one or more underwriters, dealers or agents, including standby underwriters, to sell the unsubscribed securities to third parties.

In connection with the sale of the securities, underwriters, dealers or agents may be deemed to have received compensation from us in the form of underwriting discounts or commissions and also may receive commissions from securities purchasers for whom they may act as agent. Underwriters may sell the securities to or through dealers, and the dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agent.

We will provide in the applicable prospectus supplement information regarding any underwriting discounts or other compensation that we pay to underwriters or agents in connection with the securities offering, and any discounts, concessions or commissions which underwriters allow to dealers. Underwriters, dealers and agents participating in the securities distribution may be deemed to be underwriters, and any discounts and commissions they receive and any profit they realize on the resale of the securities may be deemed to be underwriting discounts and commissions under the Securities Act. Underwriters and their controlling persons, dealers and agents may be entitled, under agreements entered into with us, to indemnification against and contribution toward specific civil liabilities, including liabilities under the Securities Act.

Unless otherwise specified in the related prospectus supplement, each series of securities will be a new issue with no established trading market, other than shares of common stock, which are listed on the Nasdaq Capital Market. Any common stock sold pursuant to a prospectus supplement will be listed on the Nasdaq Capital Market, subject to official notice of issuance. We may elect to list any series of debt securities or preferred stock, on an exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given as to the liquidity of, or the trading market for, any offered securities.

In connection with an offering, the underwriters may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in an offering. Stabilizing transactions consist of bids or purchases made for the purpose of preventing or retarding a decline in the market price of the securities while an offering is in progress. The underwriters also may impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the underwriters have repurchased securities sold by or for the account of that underwriter in stabilizing or short-covering transactions. These activities by the underwriters may stabilize, maintain or otherwise affect the market price of the securities. As a result, the price of the securities may be higher than the price that otherwise might exist in the open market. If these activities are commenced, they may be discontinued by the underwriters at any time. Underwriters may engage in over-allotment. If any underwriters create a short position in the securities in an offering in which they sell more securities than are set forth on the cover page of the applicable prospectus supplement, the underwriters may reduce that short position by purchasing the securities in the open market.

Underwriters, dealers or agents that participate in the offer of securities, or their affiliates or associates, may have engaged or engage in transactions with and perform services for, us or our affiliates in the ordinary course of business for which they may have received or receive customary fees and reimbursement of expenses.

LEGAL MATTERS

The validity of the securities offered by this prospectus will be passed upon for us by Holland & Hart LLP, except for the enforceability of the Company's obligations pursuant to the Debt Securities, which will be passed upon for us by Pillsbury Winthrop Shaw Pittman LLP.

EXPERTS

The consolidated financial statements of the Company as of December 31, 2008 and 2007 and for the years ended December 31, 2008 and 2007 incorporated in this prospectus by reference have been audited by the accounting firm of Child, Van Wagoner & Bradshaw, PLLC, an independent registered public accounting firm, and are incorporated in reliance upon their report dated March 19, 2009, given upon such firm's authority as experts in auditing and accounting.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities offered in this offering. This prospectus does not contain all of the information set forth in the registration statement. For further information with respect to us and the securities offered in this offering, we refer you to the registration statement and to the attached exhibits. With respect to each such document filed as an exhibit to the registration statement, we refer you to the exhibit for a more complete description of the matters involved.

You may inspect our registration statement and the attached exhibits and schedules without charge at the public reference facilities maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549. You may obtain copies of all or any part of our registration statement from the SEC upon payment of prescribed fees. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330.

Our SEC filings, including the registration statement and the exhibits filed with the registration statement, are also available from the SEC's website at www.sec.gov, which contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" in this prospectus certain of the information we file with the SEC. This means we can disclose important information to you by referring you to another document that has been filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, and will modify and supersede the information included in this prospectus to the extent that the information included as incorporated by reference modifies or supersedes the existing information. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus. We incorporate by reference the documents listed below and all additional documents that we file with the SEC under the terms of Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, that are made after the initial filing date of the registration statement of which this prospectus is a part, prior to effectiveness of the registration statement and before the termination of any offering of securities offered by this prospectus.

- Our Annual Report on Form 10-K for the fiscal year ended December 31, 2008, filed March 26, 2009, as amended on November 19, 2009;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2009, filed on May 12, 2009, as amended on November 19, 2009;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2009, filed on August 10, 2009, as amended on November 19, 2009;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended September 31, 2009, as amended on November 19, 2009;

- Our definitive proxy statement related to our 2009 annual meeting of stockholders held on June 29, 2009, filed April 30, 2009;
- The description of our common stock, \$0.001 par value per share, contained in our Registration Statement on Form 8-A, filed on July 18, 2006 pursuant to Section 12(b) of the Exchange Act, as amended; and
- Our Current Reports on Form 8-K, as follows:

| <u>Form</u> | <u>Filed On</u> |
|-------------|--------------------|
| 8-K | July 20, 2009 |
| 8-K/A | July 22, 2009 |
| 8-K | July 23, 2009 |
| 8-K | August 4, 2009 |
| 8-K | August 6, 2009 |
| 8-K | August 25, 2009 |
| 8-K | September 25, 2009 |
| 8-K | September 29, 2009 |

Any statement made in this prospectus concerning the contents of any contract, agreement or other document is only a summary of the actual document. You may obtain a copy of any document summarized in this prospectus and any or all of the information that has been incorporated by reference in this prospectus at no cost by writing or calling us at our mailing address and telephone number: Seth Grae, Lightbridge Corporation, 1600 Tysons Boulevard, Suite 550, McLean, Virginia 22102, telephone: 571.730.1200. Each statement regarding a contract, agreement or other document is qualified in its entirety by reference to the actual document.

You may read and copy all materials that we have filed with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. Additionally, all reports and documents that we have filed with the SEC can be obtained from the SEC's Internet Site at <http://www.sec.gov>, or by visiting our website at www.Ltbridge.com.

\$50,000,000

LIGHTBRIDGE CORPORATION

**Common Stock
Preferred Stock
Debt Securities
Warrants
Units**

PROSPECTUS

, 2009

PART II
INFORMATION NOT REQUIRED IN THE PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following is a statement of estimated expenses, to be paid solely by us, in connection with the issuance and distribution of the securities being registered hereby:

| | Amount to be Paid* |
|------------------------------|-------------------------------|
| SEC Registration Fee (1) | \$ 2,790 |
| Printing Fees and Expenses | 2,000 |
| Legal Fees and Expenses | 30,000 |
| Accounting Fees and Expenses | 5,000 |
| Miscellaneous | 500 |
| Total | <u>\$ 40,290</u> |

* All amount shown herein, except the SEC registration fee, are estimated and may vary based upon, among other things, the number of issuances and amount of securities offered. We will pay all of these expenses.

Item 15. Indemnification of Directors and Officers.

Our bylaws provide for the indemnification of our present and prior directors and officers or any person who may have served at our request as a director or officer of another corporation in which we own shares of capital stock or of which we are a creditor, against expenses actually and necessarily incurred by them in connection with the defense of any actions, suits or proceedings in which they, or any of them, are made parties, or a party, by reason of being or having been director(s) or officer(s) of us or of such other corporation, in the absence of negligence or misconduct in the performance of their duties. This indemnification policy could result in substantial expenditure by us, which we may be unable to recoup.

Insofar as indemnification by us for liabilities arising under the Exchange Act may be permitted to our directors, officers and controlling persons pursuant to provisions of the Articles of Incorporation and Bylaws, or otherwise, we have been advised that in the opinion of the SEC, such indemnification is against public policy and is, therefore, unenforceable. In the event that a claim for indemnification by such director, officer or controlling person of us in the successful defense of any action, suit or proceeding is asserted by such director, officer or controlling person in connection with the securities being offered, we will, unless in the opinion of our counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by us is against public policy as expressed in the Exchange Act and will be governed by the final adjudication of such issue.

At the present time, there is no pending litigation or proceeding involving a director, officer, employee or other agent of ours in which indemnification would be required or permitted. We are not aware of any threatened litigation or proceeding which may result in a claim for such indemnification.

Item 16. Exhibits.

The list of exhibits in the Exhibit Index to this prospectus is incorporated herein by reference.

Item 17. Undertakings.

The undersigned registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement,

provided, however, that subsections (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those subsections is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b) (1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.
- (5) That, for the purpose of determining any liability under the Securities Act of 1933, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (6) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.
- (7) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
 - (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
 - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
 - (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (8) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (9) To file, if applicable, an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act of 1939 in accordance with the rules and regulations prescribed by the SEC under Section 305(b)(2) of the Trust Indenture Act of 1939.
- (10) Insofar as indemnification for liabilities arising under the Securities Act of 1933 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 of 1933 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 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 of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements of filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of McLean, Virginia on November 19, 2009.

Lightbridge Corporation

By: /s/ Seth Grae
Seth Grae
Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed below by the following persons in the capacities indicated on November 19, 2009.

| SIGNATURE | TITLE |
|---|--|
| <u>/s/ Seth Grae</u> Seth Grae | Chief Executive Officer and Director (Principal Executive Officer) |
| <u>/s/ James Guerra</u> James Guerra | Chief Operating Officer and Interim Chief Financial Officer (Principal Financial and Accounting Officer) |
| <u>/s/ *</u> Thomas Graham, Jr. | Chairman and Director |
| <u>/s/ *</u> Victor E. Alessi | Director |
| <u>/s/ *</u> Jack D. Ladd | Director |
| <u>/s/ *</u> Daniel B. Magraw | Director |

* By: /s/ Seth Grae
Seth Grae
Attorney-in-Fact

EXHIBIT INDEX

| Exhibit Number | Description |
|-----------------------|---|
| 1.1 | Underwriting Agreement.+ |
| 3.1 | Articles of Incorporation of the registrant as filed with the Secretary of State of Nevada. (Incorporated by reference to Exhibit 3.1 to the Registrant's registration statement on Form SB-2 filed on December 11, 2001 in commission file number 333-74914) |
| 3.2 | Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's current report on 8-K filed on February 13, 2006) |
| 3.3 | Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to appendix A to the Registrant's definitive information statement on Schedule 14C filed on July 31, 2006) |
| 3.4 | Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's current report on 8-K filed on September 25, 2009) |
| 3.5 | Amended and Restated Bylaws of the Registrant. (Incorporated by reference to Exhibit 3.2 to the Registrant's current report on 8-K filed on July 9, 2007) |
| 4.1 | Specimen Certificate for Registrant's Common Stock. ++ |
| 4.2 | Certificate of Designation for Preferred Stock. + |
| 4.3 | Form of Preferred Stock Certificate. + |
| 4.4 | Form of Indenture relating to debt securities. ++ |
| 4.5 | Form of supplemental indenture or other instrument establishing the issuance of one or more series of senior debt securities or subordinated debt securities (including the form of such debt security). + |
| 4.6 | Form of Warrant Agreement (including form of Warrant) + |
| 4.7 | Form of Unit Agreement (including form of Unit Certificate) + |
| 5.1 | Opinion of Holland & Hart LLP.* |
| 5.2 | Opinion of Pillsbury Winthrop Shaw Pittman LLP.* |
| 12.1 | Statement re: Computation of Ratios.* |
| 23.1 | Consent of Child Van Wagoner & Bradshaw PLLC.* |
| 23.2 | Consent of Holland & Hart LLP (included in Exhibit 5.1).* |
| 23.3 | Consent of Pillsbury Winthrop Shaw Pittman LLP (included in Exhibit 5.2).* |
| 24 | Power of Attorney (included on signature page hereof). |
| 25 | Form T-1 Statement of Eligibility of the trustee for the debt securities. ** |

* Filed herewith.

+ To be filed by amendment or pursuant to a report to be filed pursuant to Section 13 or 15(d) of the Exchange Act, if applicable, and incorporated herein by reference.

** To be filed separately pursuant to Section 305(b)(2) of the Trust Indenture Act of 1939, if applicable.

++ Previously filed

OPINION OF HOLLAND & HART LLP



November 19, 2009

Lightbridge Corporation
1600 Tyson's Blvd., Suite 550
McLean, Virginia 22102

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We are acting as special Nevada counsel for Lightbridge Corporation, a Nevada corporation (the "**Company**"), in connection with the Registration Statement on Form S-3 (the "**Registration Statement**") filed by the Company with the Securities and Exchange Commission (the "**Commission**") under the Securities Act of 1933 (the "**Act**"), including the prospectus included therein (the "**Prospectus**"), relating to the registration of the following securities of the Company having an aggregate initial public offering price of up to U.S. \$50,000,000 or the equivalent thereof in one or more foreign currencies, foreign currency units or composite currencies: (a) shares of Common Stock par value \$0.001 per share (the "**Common Stock**"), (b) shares of Preferred Stock, par value \$0.001 per share (the "**Preferred Stock**"), in one or more series, (c) debt securities, in one or more series (the "**Debt Securities**"), (d) warrants to purchase Common Stock, Preferred Stock, Debt Securities, or any combination thereof, in one or more series (the "**Warrants**") and (e) units consisting of Common Stock, Preferred Stock, Debt Securities or Warrants, or any combination thereof, in one or more series (the "**Units**"). The Common Stock, the Preferred Stock, the Debt Securities, the Warrants and the Units are collectively referred to herein as the "**Securities**."

We have been advised by the Company that:

- A. The Debt Securities may be either senior or subordinated, and if issued, will be issued pursuant to an Indenture in substantially the form of Exhibit 4.4 to the Registration Statement (the "**Indenture**") to be entered into between the Company and a trustee to be identified in the Indenture (the "**Trustee**"). The form of the Debt Securities will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective and the particular terms of any Debt Securities will be set forth in a supplement to the Prospectus; and
-

- B. Warrants may be issued pursuant to a warrant agreement to be entered into between the Company and a Warrant agent selected by the Company (the “**Warrant Agreement**”). The Warrant Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective and the particular terms of any series of Warrants will be set forth in a supplement to the Prospectus; and
- C. Units may be issued pursuant to a unit agreement to be entered into between the Company and a Unit agent selected by the Company (the “**Unit Agreement**”). The Unit Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective and the particular terms of any series of Units will be set forth in a supplement to the Prospectus.

We have reviewed and are familiar with such corporate proceedings and other matters as we have deemed necessary for this opinion.

In rendering the opinions set forth below, we have assumed that (i) all information contained in all documents reviewed by us is true and correct; (ii) all signatures on all documents examined by us are genuine; (iii) all documents submitted to us as originals are authentic and all documents submitted to us as copies conform to the originals of those documents; (iv) each natural person signing any document reviewed by us had the legal capacity to do so; (v) the Registration Statement, and any amendments thereto (including post-effective amendments) will have become effective and comply with all applicable laws; (vi) a prospectus supplement will have been prepared and filed with the Commission describing the Securities offered thereby; (vii) all Securities will be issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement and the applicable prospectus supplement; (viii) a definitive purchase, underwriting or similar agreement with respect to any Securities offered will have been duly authorized and validly executed and delivered by the Company and the other parties thereto; (ix) there will not have occurred any change in law affecting the validity or enforceability of such Securities; (x) at the time of the sale, issuance or delivery of the Securities, the authorization of such Securities by the Company’s Board of Directors or applicable committee thereof will not have been modified or rescinded; (xi) with respect to the Common Stock and Preferred Stock, the Company will have a sufficient number of authorized but unissued shares thereof under its Articles of Incorporation, as amended, and will have reserved from such authorized but unissued and unreserved shares, sufficient shares for the issuance thereof; (xii) the certificates representing the Securities will be duly authorized, executed and delivered; and (xiii) where applicable, the Securities will be properly authenticated by the manual signature of an authorized representative of the Trustee, warrant agent, unit agent or transfer agent.

Based upon the foregoing, we are of the opinion that:

1. The Common Stock will be validly issued, fully paid and nonassessable, *provided that* (i) the Company's Board of Directors or an authorized committee thereof has specifically authorized the issuance of such Common Stock in exchange for a consideration that the Board of Directors or such committee determines as adequate ("**Authorizing Resolutions**"), (ii) the offer and sale of the Common Stock and the issuance and delivery thereof are in conformity with the Company's Articles of Incorporation and Bylaws, and do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company and (iii) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

2. The Preferred Stock will be validly issued, fully paid and nonassessable, *provided that* (i) such Preferred Stock is specifically authorized for issuance by Authorizing Resolutions which include the terms on and consideration for which the Preferred Stock is to be issued, (ii) the offer and sale of the Common Stock and the issuance and delivery thereof are in conformity with the Company's Articles of Incorporation and Bylaws, and do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company and (iii) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

3. The Debt Securities will constitute valid and legally binding obligations of the Company, *provided that* (i) such Debt Securities are specifically authorized for issuance by Authorizing Resolutions which include the terms upon which the Debt Securities are to be issued, the form and content of the Debt Securities and, if applicable, any conversion, exchange or exercise features of the Debt Securities, (ii) the Indenture conforms with applicable law and is enforceable in accordance with its terms, and a Trustee has been selected by the Company, (iii) the terms of the Debt Securities and of their issuance and sale have been duly established in conformity with the applicable Indenture, the Articles of Incorporation, Bylaws and Authorizing Resolutions, and such terms and the Company's compliance therewith do not violate any applicable law or the Articles of Incorporation or Bylaws, or result in a default under or breach of any agreement or instrument binding on the Company and comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (iv) the Debt Securities have been duly executed and authenticated in accordance with the Indenture and offered, issued and sold as contemplated in the Registration Statement, the Authorizing Resolutions and the Indenture, and (v) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

4. The Warrants will constitute valid and legally binding obligations of the Company, *provided that* (i) such Warrants are specifically authorized for issuance by Authorizing Resolutions which include the terms upon which the Warrants are to be issued, their form and content and the consideration for which shares are to be issued upon exercise of the Warrants, (ii) the Warrant Agreement relating to the Warrants has been duly authorized, executed and delivered and is enforceable in accordance with its terms, and a Warrant agent has been selected by the Company, (iii) the terms of the offer, issuance and sale of such Warrants have been duly established in conformity with the Warrant Agreement, (iv) the Warrant Agreement, and the offer, issuance and sale of the Warrants, and the Company's compliance with the terms of the Warrant Agreement or the Warrants, do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company, (v) such Warrants have been duly executed and countersigned in accordance with the Warrant Agreement and offered, issued and sold as contemplated in the Registration Statement, the applicable Authorizing Resolutions and the Warrant Agreement, and (vi) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

5. The Units will constitute valid and legally binding obligations of the Company, *provided that* (i) such Units are specifically authorized for issuance by Authorizing Resolutions which include the terms upon which the Units are to be issued, their form and content and the consideration for such Units, (ii) the Unit Agreement relating to the Units has been duly authorized, executed and delivered and is enforceable in accordance with its terms, and a Unit agent has been selected by the Company, (iii) the terms of the offer, issuance and sale of such Units have been duly established in conformity with the Unit Agreement, (iv) the Unit Agreement and the offer, issuance and sale of the Units, and the Company's compliance with the terms of the Warrant Agreement or the Warrants, do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company, (v) such Units have been duly executed and countersigned in accordance with the Unit Agreement and offered, issued and sold as contemplated in the Registration Statement, the applicable Authorizing Resolutions and the Unit Agreement, and (vi) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

The foregoing opinions are qualified to the extent that the enforceability of any document, instrument or Securities may be limited by or subject to bankruptcy, insolvency, fraudulent transfer or conveyance, reorganization, moratorium or other similar laws relating to or affecting creditors' rights generally, and general equitable or public policy principles.

In providing this opinion, we have relied as to certain matters on information obtained from public officials and officers or agents of the Company.

We express no opinions concerning: (i) the validity or enforceability of any provisions contained in Debt Securities, Warrant Agreements or the Rights Agreements that purport to waive or not give effect to rights to notices, defenses, subrogation or other rights or benefits that cannot be effectively waived under applicable law; and (ii) any securities into which the Debt Securities, Warrants and Units may be convertible or exercisable, except as opined to herein. Furthermore, the opinions expressed herein as to the Indenture and the Debt Securities do not include any opinion with respect to the creation, validity, perfection or priority of any security interest or lien or any opinion with respect to compliance with laws relating to the permissible rates of interest.

It is understood that this opinion is to be used only in connection with the offer and sale of Common Stock, Preferred Stock, Debt Securities, Warrants and Units while the Registration Statement is in effect.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters. This opinion is limited to matters governed by the Nevada Revised Statutes (including the statutory provisions and reported judicial decisions interpreting such law) and the laws of the State of Nevada. We disclaim any obligation to update this opinion or otherwise advise you of any change in any of these sources of law or subsequent legal or factual developments which might affect any matters or opinions set forth herein, nor do we deliver any opinion as to the extent to which any laws other than the laws of the State of Nevada apply or the effect of any such other laws should they apply.



We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement and to the use of our name under the caption "Legal Matters" in the Registration Statement and in the Prospectus and any supplement thereto. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission promulgated thereunder.

Sincerely,

/s/ Holland & Hart LLP

OPINION OF PILLSBURY WINTHROP SHAW PITTMAN



November 19, 2009

Lightbridge Corporation
1600 Tysons Boulevard
Suite 550
McLean, VA 22102

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We are acting as counsel for Lightbridge Corporation, a Nevada corporation (the "**Company**"), in connection with the Registration Statement on Form S-3 (the "**Registration Statement**") filed by the Company with the Securities and Exchange Commission (the "**Commission**") under the Securities Act of 1933 (the "**Act**"), including the prospectus included therein (the "**Prospectus**"), relating to the registration of the following securities of the Company having an aggregate initial public offering price of up to U.S. \$50,000,000 or the equivalent thereof in one or more foreign currencies, foreign currency units or composite currencies: (a) shares of Common Stock par value \$0.001 per share (the "**Common Stock**"), (b) shares of Preferred Stock, par value \$0.001 per share (the "**Preferred Stock**"), in one or more series, (c) debt securities, in one or more series (the "**Debt Securities**"), (d) warrants to purchase Common Stock, Preferred Stock, Debt Securities, or any combination thereof (the "**Warrants**") and (e) units consisting of Common Stock, Preferred Stock, or Warrants, or any combination thereof, in one or more series (the "**Units**"). The Debt Securities will be issued pursuant to an Indenture in substantially the form of Exhibit 4.4 to the Registration Statement (the "**Indenture**") to be entered into between the Company and a trustee to be identified in the Indenture.

We are furnishing this opinion to you, solely with respect to the enforceability of the Company's obligations pursuant to the Debt Securities and the Indenture, in accordance with Item 601(b)(5) of Regulation S-K promulgated under the Securities Act for filing as Exhibit 5 to the Registration Statement.

We have examined originals or copies, certified or otherwise identified to our satisfaction, of (i) the Registration Statement, (ii) the form of Indenture, and (iii) such other certificates, statutes and other instruments and documents as we considered appropriate for purposes of the opinions hereafter expressed. In addition, we reviewed such questions of law as we considered appropriate.

In rendering the opinions set forth below, we have assumed that (i) all information contained in all documents reviewed by us is true and correct; (ii) all signatures on all documents examined by us are genuine; (iii) all documents submitted to us as originals are authentic and all documents submitted to us as copies conform to the originals of those documents; (iv) the Registration Statement, and any amendments thereto (including post-effective amendments), will have become effective and comply with all applicable laws; (v) one or more prospectus supplements to the Prospectus contained in the Registration Statement will have been prepared and filed with the Commission describing the Debt Securities offered thereby; (vi) all Debt Securities will be issued and sold in compliance with applicable federal and state securities laws and in the manner specified in the Registration Statement and the applicable supplements to the Prospectus; (vii) the Indenture will have been duly qualified under the Trust Indenture Act of 1939, as amended (the "**Trust Indenture Act**"); (viii) the Indenture, and any supplemental indenture relating to a particular series of Debt Securities to be issued under such Indenture, will be duly authorized, executed and delivered by the parties thereto in substantially the form reviewed by us; (x) a definitive purchase, underwriting or similar agreement with respect to any securities offered will have been duly authorized and validly executed and delivered by the Company and the other parties thereto and (xi) any securities issuable upon conversion, exchange or exercise of any Debt Security being offered will have been duly authorized, created and, if appropriate, reserved for issuance upon such conversion, exchange or exercise.



Based upon the foregoing, we are of the opinion that, with respect to any of the Debt Securities, when (a) the Indenture has been duly authorized, executed and delivered by the Company and duly qualified under the Trust Indenture Act, (b) the Board has taken all necessary corporate action to approve the issuance and establish the terms of such Debt Securities, the terms of the offering and related matters, (c) such Debt Securities have been duly executed and authenticated in accordance with the terms of the Indenture and (d) such Debt Securities have been issued and sold in the manner contemplated by the Registration Statement and in accordance with the Indenture, such Debt Securities (including any Debt Securities duly issued upon conversion, exchange or exercise of any other Security in accordance with the terms of such Security or the instrument governing such Security providing for such conversion, exchange or exercise as approved by the Board) will legally binding obligations of the Company, enforceable against the Company in accordance with their terms, except as may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, fraudulent transfer and similar laws affecting or relating to the rights of creditors generally, by general principles of equity (regardless of whether considered in a proceeding in equity or at law) and by requirements of reasonableness, good faith and fair dealing.

This opinion is expressly limited to matters under and governed by the internal laws of the State of New York and applicable Federal laws of the United States of America as each is in effect and in force as of the date of this opinion.

We hereby consent to the filing of this opinion as Exhibit 5 to the Registration Statement and to the use of our name under the caption "Legal Matters" in the Registration Statement and in the Prospectus and any supplement thereto. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/S/ PILLSBURY WINTHROP
SHAW PITTMAN LLP

RATIOS OF EARNINGS TO COMBINED FIXED CHARGES AND PREFERRED DIVIDENDS
Detail Calculation in accordance with Reg S-K Item 503(d)

| | Six- Months ended June 30, 2009 | Year Ended December 31, | | | | |
|---|--|-------------------------|--------------|--------------|-----------|----------|
| | | 2008 | 2007 | 2006 | 2005 | 2004 |
| Earnings | | | | | | |
| Income (loss) before income taxes and non-controlling interests | (2,869,411) | (2,849,376) | (11,452,583) | (11,708,328) | (760,504) | (72,391) |
| Fixed Charges | - | - | 876 | - | 411,693 | 60,492 |
| Interest Capitalized | - | - | - | - | - | - |
| Total earnings for computation of ratio | (2,869,411) | (2,849,376) | (11,451,707) | (11,708,328) | (348,811) | (11,899) |
| Fixed Charges | | | | | | |
| Interest expenses | - | - | 876 | - | 411,693 | 60,492 |
| Interest capitalized | - | - | - | - | - | - |
| Financing charge from early retirement benefits costs | - | - | - | - | - | - |
| Bills discounting charges | - | - | - | - | - | - |
| Total fixed charges | - | - | 876 | - | 411,693 | 60,492 |
| Earnings to Fixed Charges | - | - | (13,073) | - | (0.85) | (0.20) |



**Child,
Van Wagoner &
Bradshaw, PLLC**
CERTIFIED PUBLIC ACCOUNTANTS

Douglas W. Child, CPA
Marty D. Van Wagoner, CPA
J. Russ Bradshaw, CPA
William R. Denney, CPA
Russell E. Anderson, CPA
Scott L. Farnes

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors
Lightbridge Corporation

We hereby consent to the incorporation by reference of our report dated March 19, 2009, with respect to the financial statements of Lightbridge Corporation (formerly known as Thorium Power, Ltd.) appearing in the Annual Report on Form 10-K of Lightbridge Corporation for the years ended December 31, 2008 and 2007, in the Registration Statement of Lightbridge Corporation on Form S-3/A to be filed on or about November 19, 2009. We also consent to the use of our name and the references to us included in the Registration Statement.

/s/ Child, Van Wagoner & Bradshaw, PLLC
CHILD, VAN WAGONER & BRADSHAW, PLLC
Salt Lake City, Utah
November 19, 2009

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