

Ascent Solar Technologies, Inc.
Form S-8
July 30, 2008
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As filed with the Securities and Exchange Commission on July 30, 2008

Registration No. 333-

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

FORM S-8

**REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

ASCENT SOLAR TECHNOLOGIES, INC.
(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation or Organization)

20-3672603
(I.R.S. Employer Identification No.)

**8120 Shaffer Parkway
Littleton, Colorado 80127
(303) 285-9885**
(Address of Principal Executive Offices)

Second Amended and Restated

2005 Stock Option Plan
(Full Title of Plan)

Matthew Foster
8120 Shaffer Parkway
Littleton, Colorado 80127
(303) 285-9885

(Name and Address of Agent For Service)

Copies to:

Mark A. von Bergen, Esq.

Jason H. Barker, Esq.
Holland & Knight LLP
2300 U.S. Bancorp Tower
111 S.W. Fifth Avenue
Portland, Oregon 97204
(503) 243-2300

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definition of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if smaller reporting company)

Smaller reporting company

CALCULATION OF REGISTRATION FEE

| | | Proposed Maximum | Proposed Maximum | |
|----------------------------------|------------------------|--------------------|--------------------|------------------|
| Title of Securities to | Amount to be | Offering Price per | Aggregate Offering | Amount of |
| be Registered | Registered | Share (2) | Price (3) | Registration Fee |
| Common stock, \$0.0001 par value | 500,000 ⁽¹⁾ | \$ 8.53 | \$ 4,265,000.00 | \$ 167.61 |

(1) Represents additional shares of common stock issuable under the Registrant's Second Amended and Restated 2005 Stock Option Plan. Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the Securities Act), this registration statement is deemed to register an indeterminate amount of such additional number of shares of the Registrant's common stock as may be issuable pursuant to stock split, stock dividend or the like.

(2) Pursuant to Rules 457(c) and 457(h) of the Securities Act, the offering price and registration fee are computed on the basis of the average of the high and low prices of the Registrant's common stock on the NASDAQ Global Market on July 28, 2008.

(3) Estimated solely for the purpose of calculating the registration fee.

EXPLANATORY NOTE

On May 9, 2007, Ascent Solar Technologies, Inc. (the Company or Registrant) filed Registration Statement No. 333-142768 on Form S-8 (the Original Registration Statement) to register with the Securities and Exchange Commission 1,000,000 shares of the Company s common stock, par value \$0.0001 per share (the Common Stock) issuable under the Company s Amended and Restated 2005 Stock Option Plan (the Plan). The contents of the Original Registration Statement are incorporated herein by reference.

On May 2, 2008, 2008, the Company s Board of Directors (the Board) approved the Second Amended and Restated 2005 Stock Option Plan (the Second Amended Plan). The Second Amended Plan increased the maximum number of shares of Common Stock available for issuance under the Plan from 1,000,000 shares to 1,500,000 shares and was approved by the Company s stockholders on July 1, 2008. Pursuant to General Instruction E of Form S-8, this Registration Statement on Form S-8 is being filed in order to register the 500,000 additional shares of Common Stock approved by the Company s stockholders on July 1, 2008 and available for issuance under the Second Amended Plan.

This Registration Statement also includes a reoffer prospectus, which has been revised to update the reoffer prospectus that was filed with the Original Registration Statement (the Revised Reoffer Prospectus). The Revised Reoffer Prospectus has been prepared in accordance with General Instruction C of Form S-8 and the requirements of Part I of Form S-3, and may be used for reoffers of shares of common stock (acquired or to be acquired pursuant to the exercise of stock options granted under the Plan) that are defined as control securities or restricted securities under General Instruction C of Form S-8.

[Note: The Revised Reoffer Prospectus referred to in this Explanatory Note follows this page.]

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PROSPECTUS

ASCENT SOLAR TECHNOLOGIES, INC.

633,898 shares of common stock

This prospectus relates to the reoffer and resale by officers, directors, employees and other service providers of Ascent Solar Technologies, Inc. (the Company) of up to 633,898 shares of the Company's common stock, \$0.0001 par value, that are defined as control securities or restricted securities under Instruction C to Form S-8 (the Shares). These officers, directors, employees and other service providers (Selling Shareholders) acquired or may acquire the Shares by exercising stock options granted under the Company's 2005 Stock Option Plan, as amended (the Plan).

The Selling Shareholders will determine when they will sell their Shares, and may sell their Shares at the then-prevailing market price or at prices negotiated at the time of sale. We will not receive any proceeds from these sales. The brokers and dealers that the Selling Shareholders may utilize in selling their Shares may receive compensation in the form of underwriting discounts, concessions or commissions from the sellers or purchasers of the Shares.

Our common stock is traded on the NASDAQ Global Market under the symbols ASTI. On July 28, 2008, the last reported sale price of our common stock on the NASDAQ Global Market was \$8.39 per share.

Our principal executive officers are located at 8120 Shaffer Parkway, Littleton, Colorado 80127.

Investing in the Shares involves risks. See Risk Factors beginning on page 2.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ADEQUACY OR ACCURACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE .

The date of this prospectus July 30, 2008.

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You should rely only on the information contained in, or incorporated by reference into, this prospectus and in any prospectus supplement or amendment. We have not authorized any other person to provide you with different information. Information contained on our website does not constitute a part of this prospectus. The information in this prospectus may only be accurate as of the date appearing on the cover page of this prospectus, regardless of the time this prospectus is delivered or common stock is sold.

Trademarks, service marks or trade names of any other companies appearing in this prospectus are the property of their respective owners. Use or display by us of trademarks, service marks or trade names owned by others is not intended to and does not imply a relationship between us, and or endorsement or sponsorship by, the owners of the trademarks, service marks or trade names.

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PROSPECTUS SUMMARY

This summary highlights information contained in this prospectus. While we believe that this summary highlights some of the most important information about Ascent Solar Technologies, Inc. and this offering, you should read this entire prospectus and the documents incorporated by reference carefully, including Risk Factors, before deciding to invest in our common stock. References to we, us, our, Ascent, Ascent Solar or the Company in this prospectus mean Ascent Solar Technologies, Inc.

Business Overview

We are a development stage company formed in October 2005 to commercialize flexible photovoltaic (PV) modules using proprietary technology. Our technology was initially developed at ITN Energy Systems, Inc. (ITN) by our founder and core scientific team beginning in 1994 and subsequently assigned and licensed to us. Our proprietary manufacturing process deposits multiple layers of materials, including a thin film of highly efficient copper-indium-gallium-diselenide (CIGS) semiconductor material, on a flexible, lightweight, plastic substrate and then laser patterns the layers to create interconnected PV cells, or PV modules, in a process known as monolithic integration. We believe that our technology and manufacturing process provides us with significant advantages over both the crystalline silicon (c-Si) based PV manufacturers that currently dominate the PV market, as well as other thin-film PV manufacturers that use rigid and/or heavier substrate materials such as glass, stainless steel or other metals.

Our target markets include the building integrated PV (BIPV) market, in which solar modules are incorporated directly into building and construction materials, the electronic integrated PV (EIPV) market, in which solar modules are incorporated directly into portable electronic devices, and the commodity solar panel market. In the BIPV and EIPV markets, we intend to be the supplier of choice by offering high-performance, flexible PV modules that can be integrated directly into products such as roofing shingles, siding and facades, metal and composite panels and roofing membranes in the BIPV market, and electronic packages, casings, battery packs and portable power systems in the EIPV market. In the commodity solar panel market, we intend to leverage our low-cost manufacturing process to compete primarily on the basis of price.

We are incorporated under the laws of Delaware, our principal business office is located at 8120 Shaffer Parkway, Littleton, Colorado, and our telephone number is (303) 285-9885. Our website address is www.ascentsolar.com. Information contained on our website or any other website does not constitute part of this prospectus.

This Offering

Shares of common stock offered by Selling Shareholders 633,898

Offering price The Selling Shareholders and any of their pledgees, assignees and successors-in-interest may sell any or all of their Shares on any stock exchange, market or trading facility on which the securities are traded or in private transactions. The sales may be at fixed or negotiated prices.

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NASDAQ Global Market Symbol

ASTI

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RISK FACTORS

An investment in our securities involves a high degree of risk and many uncertainties discussed in the section entitled "Risk Factors" in our annual report on Form 10-K for the year ended December 31, 2007, which is incorporated by reference into this prospectus. You should carefully consider the risk factors before purchasing our securities. If one or more of the possibilities described as risks actually occurs, our operating results and financial condition would likely suffer and the trading price of our securities could fall, causing you to lose some or all of your investment in the securities we are offering.

FORWARD-LOOKING STATEMENTS

This prospectus includes forward-looking statements that involve risks and uncertainties. Forward-looking statements include statements concerning our plans, objectives, goals, strategies, future events, future net sales or performance, capital expenditures, financing needs, plans or intentions relating to acquisitions, business trends and other information that is not historical information and, in particular, appear under headings including Prospectus Summary. When used in this prospectus, the words estimates, expects, anticipates, projects, plans, intends, believes, forecasts, foresees, likely, may, should, goal, target and variations of such words or similar expressions are intended to identify forward-looking statements. All forward-looking statements are based upon information available to us on the date of this prospectus.

These forward-looking statements are subject to risks, uncertainties and other factors, many of which are outside of our control, that could cause actual results to differ materially from the results discussed in the forward-looking statements, including, among other things, the matters discussed in this prospectus in the section captioned "Risk Factors." Factors you should consider that could cause these differences are:

- Our limited operating history and lack of profitability;
- Our ability to meet the cost and performance metrics that we have forecasted;
- Our ability to develop demand for, and sales of, our PV modules and establish strategic relationships with key partners, including original equipment manufacturers (OEMs), system integrators and distributors;
- Our ability to obtain necessary or desired certifications for our PV modules;
- Whether we receive timely delivery of production tools from our equipment suppliers;

- Our ability to design, purchase, install, qualify and operate production tools pursuant to our business plan and within budgeted amounts;
- The extent to which we are able to reduce the per watt manufacturing costs of our PV modules, and the extent to which our competitors are able to do the same with their PV modules;
- Global demand for electricity and the market for renewable energy, including solar energy;
- The cost-effectiveness of PV-generated energy relative not only to that generated from conventional sources such as fossil fuels, but also to that generated from other renewable sources such as wind, geothermal and tidal power;
- The availability of, or changes to, government policies, subsidies and incentives that affect the use or cost of renewable energy;
- The emergence of disruptive or competing technologies in the energy industry;
- Our competitive position and that of our PV modules relative to others in the PV and thin-film markets;
- The extent to which our interests align with or deviate from that of Norsk Hydro Produksjon AS, our largest stockholder;
- Foreign currency exchange fluctuations, political instability in certain foreign markets or the general state of geopolitical affairs;
- The supply and price of equipment, components and raw materials;

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- The status of our relationship with ITN;

- Our ability to attract and retain key executives and employees;

- Our continued investment in research and development, and our ability to remain competitive through development of new technologies;

- The extent to which we are able to manage the expansion of our operations effectively, both domestically and abroad;

- Commencement of legal proceedings against us or by us, including proceedings relating to environmental matters or intellectual property rights;

- Our ability to expand and protect the intellectual property portfolio that relates to our PV modules and processes;

- The extent to which we qualify to perform research and development under the federal government's SBIR program; and

- General economic and business conditions.

There may be other factors that could cause our actual results to differ materially from the results referred to in the forward-looking statements. We undertake no obligation to publicly update or revise forward-looking statements to reflect subsequent events or circumstances after the date made or to reflect the occurrence of unanticipated events, except as required by law.

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This prospectus relates to Shares that are being registered for reoffers and resale by the Selling Shareholders. The Selling Shareholders are either holders of restricted securities acquired under the Plan or directors, officers or others who may be deemed to be affiliates who acquired or may acquire Shares under the Plan. The Selling Shareholders may resell any or all of the Shares at any time while this prospectus is current.

Executive officers, directors or others who are considered to be affiliates of the Company who acquire common stock under the Plan may be added to the list of Selling Shareholders and the Shares to be sold may be increased or decreased by the use of a prospectus supplement filed with the Securities and Exchange Commission (the SEC). Furthermore, certain unnamed non-affiliates, each of whom holds less than the lesser of 1,000 shares or one percent of the Shares issuable under the Plan, may use this prospectus for reoffers and resales of Shares up to that amount.

The following table sets forth certain information with respect to the beneficial ownership of the Shares by each Selling Shareholder as of the date of this prospectus, and as adjusted to reflect the sale of all the Shares offered by the Selling Shareholders. The inclusion of Shares in the table below does not constitute a commitment to sell any of the Shares.

| Name | Position | Number of Shares Beneficially Owned Prior to the Offering(1) | Number of Shares Eligible to be Offered by the Selling Shareholders(2) | Number of Shares Beneficially Owned After Completion of the Offering(3) | Percentage of the Class Owned After Completion of the Offering(3) |
|-----------------------------|--|---|---|--|--|
| Matthew Foster | President and Chief Executive Officer | 162,090 | 114,000 | 95,230 | * |
| Mohan S. Misra, Ph.D. | Chief Strategy Officer and Chairman of the Board | 405,000(4) | 80,000 | 350,000(4) | 1.8% |
| Stanley A. Gallery | Director | 113,011 | 32,000 | 89,011 | * |
| Ashutosh Misra | Senior VP of Operations and Corporate Affairs | 60,000 | 44,000 | 30,000 | * |
| T. W. Fraser Russell, Ph.D. | Director | 20,608 | 24,000 | 4,608 | * |
| Richard J. Swanson | Director | 13,811 | 16,000 | 5,811 | * |
| Amit Kumar | Director | 13,310 | 8,000 | 5,310 | * |
| Joel S. Porter | Director | 8,006 | 5,000 | 3,006 | * |
| Joseph Armstrong, Ph.D. | VP and Chief Technology Officer | 60,691 | 48,000 | 33,333 | * |
| Prem Nath, Ph.D. | Senior VP of Manufacturing | | 78,667 | | * |

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| | | | | | |
|------------------|--|--------|-----------|--------|---|
| Joseph C. McCabe | VP of Business Development | 14,200 | 37,500 | 4,200 | * |
| Janet Casteel | Chief Accounting Officer and Treasurer | 31,002 | 41,644 | 10,000 | * |
| Yvonne Reopelle | Employee | | 3,750(5) | | * |
| Venu Basava | Employee | | 11,250(5) | | * |
| Deb Koll | Employee | 1,250 | 5,000(5) | | * |
| Jeffrey Schaefer | Employee | 1,000 | 5,584(5) | | * |
| Rajeewa Arya | Consultant | 10,000 | 10,000(5) | | * |
| Jeff Summers | Consultant | 3,750 | 15,000(5) | | * |

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|-------------------|------------|--------|----------|--------|---|
| Pat Swanson | Employee | 3,332 | 5,000(5) | | * |
| Peter Scheveck | Employee | 3,333 | 5,000(5) | | * |
| Brad Crume | Employee | 1,666 | 3,334(5) | | * |
| Wendi Batchelor | Employee | 1,000 | 2,000(5) | | * |
| Rosine Ribelin | Employee | 3,000 | 5,334(5) | | * |
| Danny Fisher | Employee | 1,667 | 3,334(5) | | * |
| R. Scot Burrows | Consultant | 5,000 | 5,000(5) | 5,000 | * |
| Nicholas B. Gomez | Consultant | 7,000 | 7,000(5) | | * |
| D. Garth Jensen | Employee | 10,000 | 3,334(5) | 10,000 | * |
| Ajay K. Kalla | Employee | 4,333 | 3500(5) | 2,500 | * |
| Bruce Lanning | Consultant | | 5,000(5) | | * |
| Lawrence M. Woods | Employee | 13,333 | 6,667(5) | 10,000 | * |

* Represents less than 1%.

- (1) Includes shares of common stock beneficially owned or that may be acquired upon exercise of options or warrants exercisable within sixty (60) days of the date of July 18, 2008.
- (2) Represents the number of Shares underlying options granted under the Plan, whether currently vested or unvested.
- (3) Assumes the exercise and resale of all Shares acquired by the Selling Shareholder pursuant to the Plan and that a total of 18,993,281 shares of common stock will be issued and outstanding after the Offering.
- (4) Does not include Dr. Misra's indirect ownership of 806,000 shares of common stock held by ITN Energy Systems, Inc., which is wholly owned by Inica, Inc., a Colorado corporation that is owned by Dr. Misra and an immediate family member.
- (5) Represents the number of Shares underlying options granted under the Plan that are deemed restricted securities.

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USE OF PROCEEDS

The Selling Shareholders will receive all of the proceeds from the sale of the Shares offered by this prospectus. We will not receive any of the proceeds from the sale of the Shares, but we have agreed to pay the expenses of preparing this prospectus and the related registration statement.

PLAN OF DISTRIBUTION

The Selling Shareholders and any of their pledgees, assignees and successors-in-interest may, from time to time, sell any or all of their Shares on any stock exchange, market or trading facility on which the securities are traded or in private transactions. These sales may be at market or negotiated prices. It is possible that the increase in securities available on the market will have a negative effect on the resale price of our securities and may make it difficult for purchasers to resell the securities at a profit or at all.

The Selling Shareholders also may sell Shares under Rule 144 of the Securities Act if available, rather than under this prospectus. The Selling Shareholders may engage in short sales against the box, puts and calls and other transactions in our securities or derivatives of our securities, and may sell or deliver shares or warrants in connection with these trades. Unless prohibited by Company policy or applicable rules or regulations, the Selling Shareholders may pledge their Shares to their brokers under the margin provisions of customer agreements. If a Selling Stockholder defaults on a margin loan, the broker may, from time to time, offer and sell the pledged shares or warrants.

Broker-dealers engaged by the Selling Shareholders may arrange for other broker-dealers to participate in sales. Broker-dealers may receive commissions or discounts from either the Selling Shareholders or, if any broker-dealer acts as agent for the purchaser, from the purchaser, in amounts to be negotiated. It is not expected that these commissions and discounts would exceed what is customary in the types of transactions involved.

The Selling Shareholders and any broker-dealers or agents that are involved in selling the Shares may be deemed to be underwriters within the meaning of the Securities Act in connection with those sales. In that event, any commissions received by such broker-dealers or agents and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act.

We have elected to pay all fees and expenses incident to the registration of the Shares being registered herein. We are not required to pay commissions and other selling expenses.

DESCRIPTION OF SECURITIES

Our authorized capital stock consists of 75,000,000 shares of common stock, \$0.0001 par value, and 25,000,000 shares of preferred stock, \$0.0001 par value. As of July 18, 2008, we had 18,494,948 shares of common stock and no shares of preferred stock outstanding.

The following is a summary of the rights of our common stock, preferred stock and certain outstanding rights to obtain our common stock. For more detailed information about our capital stock, please see our certificate of incorporation and bylaws, both as amended (our Certificate of Incorporation and Bylaws, respectively).

Common Stock

Holders of our common stock are entitled to one vote for each share on all matters submitted to a stockholder vote and may not cumulate their votes. Holders of common stock are entitled to share in all dividends that our Board of Directors, in its discretion, declares from legally available funds. In the event of our liquidation, dissolution or winding up, each outstanding share entitles its holder to participate pro rata in all assets that remain after payment of liabilities and after providing for each class of stock, if any, having preference over the common stock.

Except for Norsk Hydro Produksjon AS (Norsk Hydro), which holds pre-emptive rights with respect to certain equity issuances by us (on terms no less favorable than any such issuance) in order to maintain its percentage ownership in our common stock, holders of our common stock have no conversion, preemptive or other subscription rights, and there are no redemption provisions applicable to our common stock. The rights of the holders of common stock are subject to any rights that may be fixed for holders of preferred stock.

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Preferred Stock

Our Board is authorized by our Certificate of Incorporation to establish classes or series of preferred stock and fix the designation, powers, preferences and rights of the shares of each such class or series and the qualifications, limitations or restrictions thereof without any further vote or action by our stockholders. Any shares of preferred stock so issued could have priority over our common stock with respect to dividend or liquidation rights. Any future issuance of preferred stock may have the effect of delaying, deferring or preventing a change in our control without further action by our stockholders and may adversely affect the voting and other rights of the holders of our common stock. At present we have no plans to issue any shares of preferred stock or to adopt any new series, preferences or other classification of preferred stock.

The issuance of shares of preferred stock, or the issuance of rights to purchase such shares, could be used to discourage an unsolicited acquisition proposal. For instance, the issuance of a series of preferred stock might impede a business combination by including class voting rights that would enable a holder to block such a transaction. In addition, under certain circumstances, the issuance of preferred stock could adversely affect the voting power of holders of our common stock. Although our Board is required to make any determination to issue preferred stock based on its judgment as to the best interests of our stockholders, our Board could act in a manner that would discourage an acquisition attempt or other transaction that some, or a majority, of our stockholders might believe to be in their best interests or in which such stockholders might receive a premium for their stock over the then market price of such stock. Our Board presently does not intend to seek stockholder approval prior to the issuance of currently authorized stock, unless otherwise required by law or applicable stock exchange rules.

Class A Warrants

General. In May 2007, we called all of our outstanding Class A warrants for redemption; consequently, there are no Class A warrants outstanding. However, upon exercise of 112,500 outstanding warrants held by the representative of the underwriters of our initial public offering (IPO), we may issue up to 112,500 Class A warrants to the representative. Because those Class A warrants will be immediately subject to a call for redemption at \$0.25 per warrant, the representative will then have to decide whether to exercise its Class A warrants or hold them for redemption. Each Class A warrant entitles the holder to purchase one share of common stock at an exercise price of \$6.60 per share.

Redemption. We have the right to redeem the Class A warrants at a price of \$0.25 per warrant, after providing 30 days prior written notice to the Class A warrant holders. In May 2007, we called our outstanding Class A public warrants for redemption, and all such Class A public warrants that remained unexercised as of June 25, 2007, the announced redemption date, are now expired. Consequently, as of July 18, 2008, there were no Class A warrants outstanding, although as of July 18, 2008, 9,090 Class A warrants had not yet been surrendered to our transfer agent for redemption at \$0.25 per warrant. However, the representative of the underwriters in our IPO is entitled to receive Class A warrants upon exercise of certain warrants it received in connection with our IPO. Such Class A warrants will not be freely tradeable and will be immediately subject to a call for redemption at \$0.25 per warrant. The representative will then have to decide whether to exercise its Class A warrants or hold them for redemption.

Class B Warrants

General. As of July 18, 2008, we had 10,502,583 Class B warrants outstanding. Our Class B warrants may be exercised until their expiration date, which is July 10, 2011. Each Class B warrant entitles the holder to purchase one share of our common stock at an exercise price of \$11.00

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per share. This exercise price will be adjusted if specific events, summarized below, occur. A holder of Class B warrants will not be deemed a holder of the underlying stock for any purpose until the warrant is exercised. If, at their expiration date, the Class B warrants are not currently exercisable, the expiration date will be extended for 30 days following notice to the holders of the warrants that the warrants are again exercisable. If we cannot honor the exercise of Class B warrants and the securities underlying the Class B warrants are listed on a securities exchange or if there are three independent market makers for the underlying securities, we may, but are not required to, settle the warrants for a price equal to the difference between the closing price of the underlying securities and the exercise price of the warrants.

No Redemption. The Class B warrants are non-redeemable.

Provisions Applicable to the Class A and Class B Warrants

Exercise. The holders of the warrants may exercise them only if a current registration statement is then in effect. Fractional shares of common stock will not be issued upon exercise of the warrants.

Adjustments in Certain Events. The warrants provide for adjustment of the number of shares for which each warrant is exercisable if certain events occur. If we distribute to our stockholders additional shares of common stock through a dividend or distribution, or if we effect a stock split of our common stock, the total number of shares of common stock purchasable on exercise of a warrant will be adjusted so that the holder of a warrant thereafter exercised will be entitled to receive the number of shares of common stock the holder would have owned or received after such event if the warrant holder had exercised the warrant before the

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event causing the adjustment and held the securities received on such exercise through the record date for the event. The aggregate exercise price of the warrant will remain the same in that circumstance, but the effective purchase price per share of common stock purchasable upon exercise of the warrant will be proportionately reduced because a greater number of common stock shares will then be purchasable upon exercise of the adjusted warrant. We will make equivalent changes in the warrants if we effect a reverse stock split.

In the event of a capital reorganization or reclassification of our common stock, the warrants will be adjusted so that thereafter each warrant holder will be entitled to receive upon exercise the same number and kind of securities that such holder would have received if the warrant had been exercised before the capital reorganization or reclassification of our common stock and the securities received on such exercise had been held through the record date of the recapitalization.

If we merge or consolidate with another corporation, or if we sell our assets as an entirety or substantially as an entirety to another corporation, we will make provisions so that warrant holders will be entitled to receive upon exercise of a warrant the kind and number of securities, cash or other property that would have been received as a result of the transaction by a person who was our stockholder immediately before the transaction and who owned the same number of shares of common stock for which the warrant was exercisable immediately before the transaction. No adjustment to the warrants will be made, however, if a merger or consolidation does not result in any reclassification or change in our outstanding common stock.

2005 Stock Option Plan

Our 2005 Stock Option Plan, as amended (the Option Plan), currently authorizes the grant of up to 1,500,000 shares of common stock (subject to adjustment for stock splits and similar capital changes) in connection with incentive stock option grants and non-qualified stock option grants. Employees and, in the case of nonqualified stock options, directors, consultants or other service providers are eligible to receive grants under our plans. According to the terms of the Option Plan, no employee may be granted, in any fiscal year, options to purchase more than 100,000 shares. As of July 18, 2008, there were outstanding and unexercised options to purchase 581,333 shares under our Option Plan.

2008 Restricted Stock Plan

Our 2008 Restricted Stock Plan currently authorizes the grant of up to 750,000 shares of restricted common stock (subject to adjustment for stock splits and similar capital changes) to employees, directors, consultants or other service providers. According to the terms of the Option Plan, no individual may be granted, in any fiscal year, more than 200,000 shares. Vesting of shares of restricted stock granted under the Stock Plan may occur over a specified period of time or based upon performance metrics announced at the time of grant. As of July 18, 2008, 24,846 shares had been granted and were outstanding under our Stock Plan.

Norsk Hydro Options

In March 2007, we sold 1,600,000 shares of our restricted common stock to Norsk Hydro in a private placement pursuant to Rule 506 of Regulation D and Section 4(2) of the Securities Act. We also granted two options to Norsk Hydro:

- The Initial Warrants Option to purchase restricted Class A warrants (or if the Class A warrants are redeemed, common stock) and restricted Class B warrants that are otherwise identical to the Class A warrants formerly traded, and Class B warrants currently traded, on NASDAQ under the symbols ASTIW and ASTIZ, respectively. Norsk Hydro exercised this option in August 2007 to purchase 934,462 additional shares of common stock and 1,965,690 Class B warrants.

- The Tranche 2 Option to purchase additional shares of restricted common stock, Class A warrants (or if the Class A warrants are redeemed, common stock) and Class B warrants that would result in Norsk Hydro owning up to 35% of our issued and outstanding common stock, Class A warrants and Class B warrants. In March 2008, Norsk Hydro acquired an additional 2,341,897 restricted shares of our common stock and 1,689,905 Class B warrants upon exercise of the second option we had granted to Norsk Hydro on March 13, 2007. Gross proceeds to us from this exercise were approximately \$28.4 million, and reflected per share and per warrant purchase prices equal to the average of the closing bids of each security, as reported by NASDAQ, for the five consecutive trading days preceding exercise. Immediately after this exercise, Norsk Hydro held approximately 35% of our outstanding common stock and Class B warrants. Until June 15, 2009, the second option entitles Norsk Hydro to purchase from us additional restricted shares of common stock and Class B warrants to maintain its ownership of up to 35% of our issued and outstanding common stock and Class B warrants. The purchase price of each security obtained will be equal to the average of the closing bids of the security in the five consecutive trading days ending on and including the trading day that is one day prior to the date of exercise, as reported by NASDAQ.

In connection with the sale of these securities, Norsk Hydro received: piggyback registration rights that enable them to require us to register for resale the shares held by them if we engage in a registered public offering; and demand registration rights that

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became effective in March 2008. Norsk Hydro also holds pre-emptive rights with respect to certain equity issuances by us (on terms no less favorable than any such issuance) in order to maintain its percentage ownership in our common stock, but the pre-emptive rights do not apply to bona fide underwritten public offerings by us.

IPO Warrants

In connection with our IPO, we issued warrants (IPO Warrants) to purchase 300,000 units (each unit consisting of one share of common stock, one Class A warrant and two Class B warrants) to the representative of the underwriters of our IPO. The IPO Warrants may be exercised until July 10, 2011. As of July 18, 2008, IPO Warrants to purchase 112,500 units remain unexercised. To the extent that holders of the IPO Warrants are entitled to receive Class A warrants upon exercise of the IPO Warrants, those Class A warrants will be immediately subject to a call for redemption at \$0.25 per warrant. The holders will then have to decide whether to exercise their Class A warrants or hold them for redemption. We have agreed to keep a registration statement covering the issuance and resale of the securities underlying the IPO Warrants effective until the earlier of July 10, 2011 and the time that all of the IPO Warrants have been exercised. If we cannot honor the exercise of the IPO Warrants and the securities underlying the IPO Warrants are listed on a securities exchange or if there are three independent market makers for the underlying securities, we may, but are not required to, settle the IPO Warrants for a price equal to the difference between the closing price of the underlying securities and the exercise price of the IPO Warrants. Because we are not required to settle the IPO Warrants by payment of cash, it is possible that the IPO Warrants will never be settled in shares or payment of cash.

Authorized but Unissued Shares

The authorized but unissued shares of common and preferred stock are available for future issuance without stockholder approval, unless otherwise required by law or applicable stock exchange rules. These additional shares may be used 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 could hinder or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

Anti-Takeover Effects of Certain Provisions of Delaware Law and Our Certificate of Incorporation and Bylaws

Our Certificate of Incorporation and Bylaws contain a number of provisions that could make our acquisition by means of a tender or exchange offer, a proxy contest or otherwise more difficult. These provisions are summarized below.

Removal of Directors. Our Bylaws provide that our directors may only be removed by the affirmative vote of the shares entitled to vote at an election of directors, or for cause by a majority of the Board. Although our Bylaws do not give the Board the power to approve or disapprove stockholder nominations for the election of directors or of any other business stockholders desire to conduct at an annual or any other meeting, the Bylaws may have the effect of precluding a nomination for the election of directors or precluding the conduct of business at a particular annual meeting if the proper procedures are not followed, or discouraging or deterring a third party from conducting a solicitation of proxies to elect its own slate of directors or otherwise attempting to obtain control, even if the conduct of that solicitation or attempt might be beneficial to our stockholders.

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Staggered Board. Staggered terms tend to protect against sudden changes in management and may have the effect of delaying, deferring or preventing a change in our control without further action by our stockholders. Our Board is divided into three classes, with one class of directors elected at each year's annual stockholder meeting.

Special Meetings. Our Bylaws provide that special meetings of stockholders can be called by the President, at the request of a majority of the Board or at the written request of holders of at least 50% of the shares outstanding and entitled to vote.

Undesignated Preferred Stock. The ability to authorize undesignated preferred stock makes it possible for our Board of Directors to issue preferred stock with voting or other rights or preferences that could impede the success of any attempt to acquire us. These and other provisions may have the effect of deferring hostile takeovers or delaying changes in control or management of our Company.

Delaware Anti-Takeover Statute. We are subject to the provisions of Section 203 of the Delaware General Corporation Law regulating corporate takeovers. In general, Section 203 prohibits a publicly held Delaware corporation from engaging under certain circumstances in a business combination with an interested stockholder for a period of three years following the date the person became an interested stockholder unless:

- Prior to the date of the transaction that resulted in the stockholder becoming an interested stockholder, the board of directors of the corporation approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder.

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- Upon completion of the transaction that resulted in the stockholder becoming an interested stockholder, the stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding for purposes of determining the number of shares outstanding (1) shares owned by persons who are directors and also officers and (2) shares owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer.

- On or subsequent to the date of the transaction that resulted in the stockholder becoming an interested stockholder, the business combination is approved by the board and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least 66²/₃% of the outstanding voting stock which is not owned by the interested stockholder.

Generally, a business combination includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. An interested stockholder is a person who, together with affiliates and associates, owns or, within three years prior to the determination of interested stockholder status, did own 15% or more of a corporation's outstanding voting securities. We expect the existence of this provision to have an anti-takeover effect with respect to transactions our Board does not approve in advance. We also anticipate that Section 203 may also discourage attempts that might result in a premium over the market price for the shares of common stock held by stockholders.

The provisions of Delaware law, our Certificate of Incorporation and our Bylaws could have the effect of discouraging others from attempting hostile takeovers and, as a consequence, they may also inhibit temporary fluctuations in the market price of our common stock that often result from actual or rumored hostile takeover attempts. These provisions may also have the effect of preventing changes in our management. It is possible that these provisions could make it more difficult to accomplish transactions that stockholders may otherwise deem to be in their best interests.

Listing

Our common stock is listed on the NASDAQ Global Market under the trading symbol ASTI.

Transfer Agent and Registrar

The transfer agent and registrar of our common stock is Computershare Investor Services.

INDEMNIFICATION

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Our Certificate of Incorporation contains provisions that limit the liability of our directors for monetary damages to the fullest extent permitted by Delaware law. Consequently, our directors will not be personally liable to us or our shareholders for monetary damages for any breach of fiduciary duties as directors, except liability for the following:

- Any breach of their duty of loyalty to our company or our stockholders.
- Acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law.
- Unlawful payments of dividends or unlawful stock repurchases or redemptions as provided in Section 174 of the Delaware General Corporation Law.
- Any transaction from which the director derived an improper personal benefit.

Our Bylaws provide that we are required to indemnify our directors and officers and may indemnify our employees and other agents to the fullest extent permitted by Delaware law. Our Bylaws also provide that we shall advance expenses incurred by a director or officer before the final disposition of any action or proceeding upon receipt of an undertaking from or on behalf of that director or officer to repay the advance if it is ultimately determined that he or she is not entitled to be indemnified. We have entered and expect to continue to enter into agreements to indemnify our directors, executive officers and other employees as determined by the Board of Directors. These agreements provide for indemnification for related expenses including attorneys' fees, judgments, fines and settlement amounts incurred by any of these individuals in any action or proceeding. We believe that these provisions and indemnification agreements are necessary to attract and retain qualified persons as directors and officers. We also maintain directors' and officers' liability insurance.

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The limitation of liability and indemnification provisions in our Certificate of Incorporation and Bylaws may discourage shareholders from bringing a lawsuit against our directors for breach of their fiduciary duty. They may also reduce the likelihood of derivative litigation against our directors and officers, even though an action, if successful, might benefit us and other stockholders. Furthermore, a stockholder's investment may be adversely affected to the extent that we pay the costs of settlement and damage awards against directors and officers as required by these indemnification provisions. At present, there is no pending litigation or proceeding involving any of our directors, officers or employees regarding breach of fiduciary duty for which indemnification is sought, and we are not aware of any threatened litigation that may result in claims for indemnification.

Insofar as we may permit indemnification for liabilities arising under the Securities Act to directors, officers, and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy, as expressed in the Securities Act and is, therefore, unenforceable.

INCORPORATION OF DOCUMENTS BY REFERENCE

This prospectus is part of a registration statement on Form S-8. The prospectus is prepared in accordance with the requirements of Part I of Form S-3 and General Instruction C of the instructions to Form S-8. The SEC allows this filing to incorporate by reference information that the Company previously has filed with the SEC. This means the Company can disclose important information to you by referring you to other documents that it has filed with the SEC. The information that is incorporated by reference is considered part of this prospectus, and information that the Company files later will automatically update and may supersede this information. For further information about the Company and the securities being offered, you should refer to the registration statement and the following documents that are incorporated by reference:

- Our annual report on Form 10-K filed on March 14, 2008, which contains audited financial statements for the fiscal year ended December 31, 2007;
- Our definitive proxy statement on Schedule 14A filed on May 15, 2008;
- Our quarterly report on Form 10-Q filed on April 29, 2008;
- Our current reports on Forms 8-K filed on January 11, 2008, February 12, 2008, February 28, 2008, March 20, 2008, March 27, 2008, March 31, 2008, May 16, 2008, May 20, 2008, May 21, 2008 and July 2, 2008;
- All other reports filed by us pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the annual report referred to above; and

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- The description of our common stock contained in Forms 8-A filed on June 19, 2006 and August 8, 2006 and any amendments or reports filed for the purpose of updating such description.

All documents filed by the Company subsequent to those listed above with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the termination of the offering, shall be deemed to be incorporated by reference into this prospectus and to be a part hereof from the date of filing of such documents. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may request a copy of all documents that are incorporated by reference in this prospectus by writing or telephoning us at the following address and number: Ascent Solar Technologies, Inc., Attention: Corporate Secretary, 8120 Shaffer Parkway, Littleton, Colorado 80127, telephone (303) 285-9885. We will provide copies of all documents requested (not including exhibits to those documents, unless the exhibits are specifically incorporated by reference into those documents or this prospectus) without charge.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement (which term includes all amendments, exhibits, and schedules thereto) on Form S-8 under the Securities Act with respect to the Shares offered by this prospectus. This prospectus does not contain all the information set forth in the registration statements because certain information has been incorporated into the registration statements by reference in accordance with the rules and regulations of the SEC. Please review the documents incorporated by reference for a more complete description of the matters to which such documents relate.

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We are subject to the informational reporting requirements of the Exchange Act. In accordance with the Exchange Act, we file reports, proxy statements, and other information with the SEC. You can inspect and copy these reports, proxy statements, and other information at the Public Reference Room of the SEC, 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference rooms. Our SEC filings are also available on the SEC's web site. The address of this site is www.sec.gov.

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PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference

The following documents filed by us with the SEC are incorporated herein by reference as of their respective dates of filing and shall be deemed to be a part hereof:

- Our annual report on Form 10-K filed on March 14, 2008, which contains audited financial statements for the fiscal year ended December 31, 2007;

- Our definitive proxy statement on Schedule 14A filed on May 15, 2008;

- Our quarterly report on Form 10-Q filed on April 29, 2008;

- Our current reports on Forms 8-K filed on January 11, 2008, February 12, 2008, February 28, 2008, March 20, 2008, March 27, 2008, March 31, 2008, May 16, 2008, May 20, 2008, May 21, 2008 and July 2, 2008;

- All other reports filed by us pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the annual report referred to above; and

- The description of our common stock contained in Forms 8-A filed on June 19, 2006 and August 8, 2006 and any amendments or reports filed for the purpose of updating such description.

All other documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment to this registration statement, which indicates that all securities offered have been sold or which deregisters all such securities then remaining unsold, shall be deemed to be incorporated by reference in this registration statement and to be a part hereof from the date of filing of such documents. The Company specifically excludes from incorporation any information that has been furnished and not filed pursuant to Item 2.02 or Item 7.01 of the Company's Current Reports on Form 8-K. Any statement contained herein or in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this registration

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statement to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such earlier statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

Item 4. Description of Securities

Not applicable.

Item 5. Interests of Named Experts and Counsel

Not applicable.

Item 6. Indemnification of Directors and Officers

Our Certificate of Incorporation contains provisions that limit the liability of our directors for monetary damages to the fullest extent permitted by Delaware law. Consequently, our directors will not be personally liable to us or our shareholders for monetary damages for any breach of fiduciary duties as directors, except liability for the following:

- Any breach of their duty of loyalty to our company or our stockholders.
- Acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law.
- Unlawful payments of dividends or unlawful stock repurchases or redemptions as provided in Section 174 of the Delaware General Corporation Law.
- Any transaction from which the director derived an improper personal benefit.

Our Bylaws provide that we are required to indemnify our directors and officers and may indemnify our employees and other agents to the fullest extent permitted by Delaware law. Our Bylaws also provide that we shall advance expenses incurred by a director or officer before the final disposition of any action or proceeding upon receipt of an undertaking from or on behalf of that director or officer to repay the advance if it is ultimately determined that he or she is not entitled to be indemnified. We have entered and expect

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to continue to enter into agreements to indemnify our directors, executive officers and other employees as determined by the Board of Directors. These agreements provide for indemnification for related expenses including attorneys' fees, judgments, fines and settlement amounts incurred by any of these individuals in any action or proceeding. We also maintain directors' and officers' liability insurance.

The limitation of liability and indemnification provisions in our Certificate of Incorporation and Bylaws may discourage shareholders from bringing a lawsuit against our directors for breach of their fiduciary duty. They may also reduce the likelihood of derivative litigation against our directors and officers, even though an action, if successful, might benefit us and other stockholders. Furthermore, a stockholder's investment may be adversely affected to the extent that we pay the costs of settlement and damage awards against directors and officers as required by these indemnification provisions. At present, there is no pending litigation or proceeding involving any of our directors, officers or employees regarding breach of fiduciary duty for which indemnification is sought, and we are not aware of any threatened litigation that may result in claims for indemnification.

Item 7. Exemption from Registration Claimed

The Company issued the restricted stock to directors, officers, employees and/or consultants in reliance on the exemption under Rule 701 promulgated under the Securities Act, as transactions by an issuer not involving a public offering and under a written compensatory benefit plan.

Item 8. Exhibits

The exhibits listed in the accompanying Exhibit Index are filed or incorporated by reference as part of this registration statement.

Item 9. 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;

(ii) To reflect in the prospectus any facts or events arising after the effective date of this 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 this registration statement;

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

provided, however, that paragraphs (1)(i) and (1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Registrant pursuant to the Exchange Act that are incorporated by reference in this registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, 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) For determining liability of the Registrant under the Securities Act to any purchaser in the initial distribution of the securities, in a primary offering of securities of the 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, to be a seller to the purchaser and to be considered to offer or sell such securities to such purchaser: (a) any preliminary prospectus or prospectus of the Registrant relating to the offering required to be filed pursuant to Rule 424; (b) any free writing prospectus relating to the offering prepared by or on behalf of the Registrant or used or referred to by the Registrant; (c) the portion of any other free writing prospectus relating to the offering containing material information about the Registrant or its securities provided by or on its behalf; and (d) any other communication that is an offer in the offering made by the Registrant to the purchaser.

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(5) For purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to section 13(a) or section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement 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.

Insofar as we may permit indemnification for liabilities arising under the Securities Act to directors, officers, and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy, as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the 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 Act and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Littleton, Colorado on July 30, 2008.

Ascent Solar Technologies, Inc.

By: /s/ Matthew Foster
Matthew Foster, President and Chief Executive Officer

POWER OF ATTORNEY

We, the undersigned directors and officers of Ascent Solar Technologies, Inc., do hereby constitute and appoint Matthew Foster and Gary Gatchell or either of them, our true and lawful attorneys and agents, to do any and all acts and things in our name and behalf in our capacities as directors and officers and to execute any and all instruments for us and in our names in the capacities indicated below, which said attorneys and agents, or either of them, may deem necessary or advisable to enable said corporation to comply with the Securities Act, and any rules, regulations, and requirements of the SEC, in connection with this registration statement, including specifically, but without limitation, power and authority to sign for us or any of us in our names and in the capacities indicated below, any and all amendments (including post-effective amendments) to this registration statement, or any related registration statement that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act; and we do hereby ratify and confirm all that the said attorneys and agents, or either of them, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

| Signature | Title | Date |
|--|---|---------------|
| /s/ Matthew Foster Matthew Foster | President and Chief Executive Officer (Principal Executive Officer) | July 30, 2008 |
| /s/ Gary Gatchell Gary Gatchell | Chief Financial Officer (Principal Accounting and Financial Officer) | July 30, 2008 |
| /s/ Mohan S. Misra Mohan S. Misra | Chairman of the Board | July 30, 2008 |
| /s/ Stanley A. Gallery Stanley A. Gallery | Director | July 30, 2008 |

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| | | |
|--|----------|---------------|
| /s/ Einar Glomnes Einar Glomnes | Director | July 30, 2008 |
| /s/ Amit Kumar Amit Kumar | Director | July 30, 2008 |
| /s/ Joel S. Porter Joel S. Porter | Director | July 30, 2008 |
| /s/ T.W. Fraser Russell T.W. Fraser Russell | Director | July 30, 2008 |
| /s/ Richard J. Swanson Richard J. Swanson | Director | July 30, 2008 |

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EXHIBIT INDEX

| Exhibit No. | Description |
|--------------------|--|
| 3.1 | Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.2 to our Registration Statement on Form SB-2 filed January 23, 2006 (Reg. No. 333-131216), as amended) |
| 3.2 | Amended and Restated Bylaws (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed April 17, 2007) |
| 4.1 | Second Amended and Restated 2005 Stock Option Plan* |
| 5.1 | Opinion of Holland & Knight LLP* |
| 23.1 | Consent of Hein & Associates LLP* |
| 23.2 | Consent of Holland & Knight LLP (included in Exhibit 5.1)* |
| 24.1 | Power of Attorney (included in signature page)* |

*Filed herewith