Ascent Solar Technologies, Inc. Form 25 August 20, 2007

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

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FORM 25

NOTIFICATION OF REMOVAL FROM LISTING AND/OR REGISTRATION UNDER SECTION 12(b) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission File Number: 001-32919

Ascent Solar Technologies, Inc., listed on Boston Stock Exchange

(Exact name of Issuer as specified in its charter, and name of Exchange where security is listed and/or registered)

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

(Address, including zip code, and telephone number, including area code, of Issuer s principal executive offices)

Class B warrants, each to purchase one share of common stock

(Description of class of securities)

Please place an X in the box to designate the rule provision relied upon to strike the class of securities from listing and registration:

- o 17 CFR 240.12d2-2(a)(1)
- o 17 CFR 240.12d2-2(a)(2)
- o 17 CFR 240.12d2-2(a)(3)
- o 17 CFR 240.12d2-2(a)(4)

• Pursuant to 17 CFR 240.12d2-2(b), the Exchange has complied with its rules to strike the class of securities from listing and/or withdraw registration on the Exchange.(1)

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x Pursuant to 17 CFR 240.12d2-2(c), the Issuer has complied with the rules of the Exchange and the requirements of 17 CFR 240.12d2-2(c) governing the voluntary withdrawal of the class of securities from listing and registration on the Exchange.

Pursuant to the requirements of the Securities Exchange Act of 1934, Ascent Solar Technologies, Inc. (Name of Issuer or Exchange) certifies that it has reasonable grounds to believe that it meets all of the requirements for filing the Form 25 and has caused this notification to be signed on its behalf by the undersigned duly authorized person.

August 20, 2007 Date /s/ Matthew B. Foster Name Matthew B. Foster President Title

SEC 1654Persons who are to respond to the collection of information contained in this form are not required to respond
unless the form displays a currently valid OMB control number.

⁽¹⁾ Form 25 and attached Notice will be considered compliance with the provisions of 17 CFR 240.19d-1 as applicable. See General Instructions.