

Ascent Solar Technologies, Inc.  
Form 3  
August 22, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
TFG Radiant Investment Group Ltd

(Last) (First) (Middle)

BLOCK B, FOURTH FLOOR,  
BUILDING B, NO. 1  
BINLANG ROAD, FUITAN  
FTZ

(Street)

SHENZHEN, F4 518038

(City) (State) (Zip)

2. Date of Event Requiring Statement  
(Month/Day/Year)  
08/12/2011

3. Issuer Name and Ticker or Trading Symbol  
Ascent Solar Technologies, Inc. [ASTI]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer  Other  
(give title below) (specify below)

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	7,965,452	D	À

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who 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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial
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(Month/Day/Year)	Derivative Security (Instr. 4)	or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	Ownership (Instr. 5)
Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Options (Right to buy)	02/12/2014	Common Stock	9,500,000	\$ 1.55
Â (1)				D
				Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
TFG Radiant Investment Group Ltd BLOCK B, FOURTH FLOOR, BUILDING B NO. 1 BINLANG ROAD, FUITAN FTZ SHENZHEN,Â F4Â 518038	Â	Â X	Â	Â

## Signatures

/s/ Lee Kong  
Hian 08/22/2011

\*\*Signature of  
Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

The optionee may not exercise the option unless and until (a) the stockholders of Ascent Solar Technologies, Inc. approve the issuance of the shares subject to the option and (b) optionee meets a specified milestone relating to the construction of facilities in an agreed-upon territory in East Asia. If a change-of-control transaction occurs after such stockholder approval and prior to the option's expiration date (February 12, 2014), then the option will become immediately exercisable and will terminate unless exercised in connection with such change-of-control transaction.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons 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 number.