

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Termination of Security Interest in Patents

CONVEYING PARTY DATA

Name	Execution Date
Bank of America, N.A., as Administrative Agent	09/09/2010

RECEIVING PARTY DATA

Name:	GT Solar Incorporated
Street Address:	243 Daniel Webster Highway
City:	Merrimack
State/Country:	NEW HAMPSHIRE
Postal Code:	03054

PROPERTY NUMBERS Total: 19

Property Type	Number
Patent Number:	7175685
Patent Number:	6841728
Patent Number:	6651014
Patent Number:	6620645
Patent Number:	6581415
Patent Number:	6491971
Patent Number:	6479108
Patent Number:	6365225
Patent Number:	6284312
Patent Number:	6165425
Patent Number:	6019841
Application Number:	11413425
Application Number:	11668488
Application Number:	11394970
Application Number:	12130550

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Application Number:	61037956
Application Number:	61039758
Application Number:	61039756
Application Number:	61061826

CORRESPONDENCE DATA

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Total Attachments: 2
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TERMINATION OF SECURITY INTEREST IN PATENTS

This **TERMINATION OF SECURITY INTEREST IN PATENTS**, dated as of September 9, 2010, is made by Bank of America, N.A., as Administrative Agent (the "Secured Party").

WHEREAS, GT Solar Incorporated (the "Grantor") has granted a security interest in certain personal property to the Secured Party, including without limitation a security interest in certain patents, patent applications, and/or patent licenses ("Patents");

WHEREAS, the security interest granted to the Secured Party was recorded at the United States Patent and Trademark Office on July 30, 2008 at Reel 021311 and Frame 0953; and

WHEREAS, the Secured Party has agreed to terminate and release its security interest in all of such Patents, including, without limitation, the Patents identified on Schedule A attached hereto.

NOW, THEREFORE, for valuable consideration, the Secured Party hereby terminates and releases all mortgages, liens, and security interests granted to the Secured Party in the following Patents:

1. all of the Grantor's Patents to which the Grantor is a party including those referred to on Schedule A attached hereto;
2. all reissues, continuations or extensions of the foregoing; and
3. all products and proceeds of the foregoing, including, without limitation, any claim by the Grantor against third parties for past, present or future infringement of any Patent.

IN WITNESS WHEREOF, the Secured Party has caused this Termination of Security Interest in Patents to be duly executed as of the date first set forth above.

Secured Party:

Bank of America, N.A., as Administrative Agent

By: Liliana Claar
 Name: _____
 Title: Liliana Claar
Vice President

Schedule A

GT Solar Incorporated
(Delaware Corporation)

U.S. Patents

Issued Patents

Description	Patent No.	Issued
DRY CONVERSION OF HIGH PURITY ULTRAFINE SILICON POWDER	7175685	02/13/07
SOLAR CELL STRINGING MACHINE	6841728	01/11/05
APPARATUS FOR AUTOMATICALLY MEASURING THE RESISTIVITY	6651014	11/18/03
MAKING AND CONNECTING BUS BARS ON SOLAR CELLS	6620645	09/16/03
METHOD OF PRODUCING SHAPED BODIES OF SEMICONDUCTOR	6581415	06/24/03
RELEASE COATING SYSTEM FOR CRUCIBLES	6491971	12/10/02
PROTECTIVE LAYER FOR QUARTZ CRUCIBLES USED FOR SILICON	6479108	11/12/02
COLD WALL REACTOR AND METHOD FOR CHEMICAL VAPOR	6365225	04/02/02
METHOD AND APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF	6284312	09/04/01
MELTING POT WITH SILICON PROTECTIVE LAYERS, METHOD FOR	6165425	12/26/00
METHOD AND APPARATUS FOR SYNTHESIS AND GROWTH OF	6019841	02/01/00

Pending Applications

Description	Appl. No.	Filing Date
INCREASED POLYSILICON DEPOSITION IN A CVD REACTOR	11413425 20070251455	04/28/06
DRY CONVERSION OF HIGH PURITY ULTRAFINE SILICON POWDER	11668488 20070148034	01/30/07
SOLIDIFICATION OF CRYSTALLINE SILICON FROM REUSABLE	11394970 20060219162	03/31/06
PROCESSING OF FINE SILICON POWDER TO PRODUCE BULK SILICON	12130550	05/30/08
SYSTEM AND METHOD FOR ARRANGING HEATING ELEMENT	61037956	03/19/08
SYSTEMS AND METHODS FOR DISTRIBUTING GAS IN A CHEMICAL	61039758	03/26/08
GOLD-COATED POLYSILICON REACTOR SYSTEM AND METHOD	61039756	03/26/08
SYSTEM AND METHOD FOR GROWING MONOCRYSTALLINE SILICON	61061826	06/16/08