

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kramadhathi V. Ravi	01/16/2013
RECEIVING PARTY DATA	
Name:	Crystal Solar, Incorporated
Street Address:	3050 Coronado Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13740980
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ATTORNEY DOCKET NUMBER:	016265-0420057/CRY-015
NAME OF SUBMITTER:	David H. Jaffer
Total Attachments: 1 source=CRY015_Assignment#page1.tif	

CH \$40.00 13740980

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PATENT
REEL: 029945 FRAME: 0544

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged

ASSIGNOR:

Kramadhathi V. Ravi
89 Fairmont Lane
Atherton, CA 94027
Citizenship: USA

hereby sell, assign and transfer to

ASSIGNEE:

Crystal Solar, Incorporated
3050 Coronado Drive
Santa Clara, CA 95054
A Delaware corporation

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

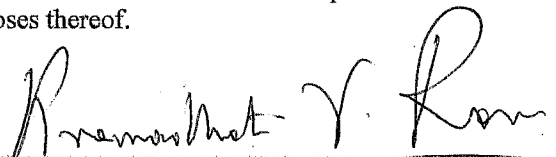
SILICON HETEROJUNCTION SOLAR CELLS

and which is found in U.S. Application Serial No. 13/740,980 filed on January 14, 2013, which claims priority to U.S. Provisional Patent Application Serial No. 61/586,701 filed January 13, 2012, and U.S. Provisional Patent Application Serial No. 61/656,957 filed June 7, 2012, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: Jan. 16., 2013


Kramadhathi V. Ravi