

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Douglas R. Jungwirth</td> <td>06/09/2011</td> </tr> <tr> <td>Emilio Quezada</td> <td>06/09/2011</td> </tr> <tr> <td>Gregory A. Campbell</td> <td>06/09/2011</td> </tr> <tr> <td>James H. Ermer</td> <td>06/09/2011</td> </tr> <tr> <td>Russell K. Jones</td> <td>06/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Douglas R. Jungwirth	06/09/2011	Emilio Quezada	06/09/2011	Gregory A. Campbell	06/09/2011	James H. Ermer	06/09/2011	Russell K. Jones	06/09/2011
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RECEIVING PARTY DATA													
Name:	THE BOEING COMPANY												
Street Address:	100 N. RIVERSIDE PLAZA												
City:	CHICAGO												
State/Country:	ILLINOIS												
Postal Code:	60606-1596												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13157826												
CORRESPONDENCE DATA													
Fax Number:	(919)416-8353												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(919) 286-8000												
Email:	preddiel@mvalaw.com												
Correspondent Name:	Charles L. Moore												
Address Line 1:	Moore & Van Allen PLLC												
Address Line 2:	430 Davis Drive, Suite 500												
Address Line 4:	Morrisville, NORTH CAROLINA 27560-6832												
ATTORNEY DOCKET NUMBER:	10-1333-US-NP-140												
NAME OF SUBMITTER:	Charles L. Moore												
Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif													

OP \$40.00 13157826

ASSIGNMENT

WHEREAS, Douglas R. Jungwirth, residing at 19620 Gifford St., Reseda, California 91335, Emilio Quezada, residing at 16718 Nicklaus Dr., Unit 57, Sylmar, California 91342, Gregory A. Campbell, residing at 12460 Jessica Pl., Granada Hills, California 91344, James H. Ermer, residing at 931 E. Walnut Ave., Burbank, California 91501 and Russell K. Jones, residing at 1410 9th St., Manhattan Beach, California 90266 (hereinafter "Assignor") have invented certain new and useful improvements in an **SOLAR CELL TESTING APPARATUS AND METHOD**, (hereinafter "invention") for which Assignor is making or has made application for **LETTERS PATENT OF THE UNITED STATES**, which application has been duly executed by Assignor on date(s) listed below.

AND WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of P.O. Box 2515, MC 110-SD54, Seal Beach, California 90740-1515, US (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign **LETTERS PATENT** that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any **LETTERS PATENT** of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for **LETTERS PATENT** in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of said United States **LETTERS PATENT** to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said **LETTERS PATENT** may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, US and its foreign counterparts to issue said **LETTERS PATENT** when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign **LETTERS PATENT** or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and **LETTERS PATENT** particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, we have hereunto set our hands on the date specified below.

Douglas R Jungwirth 6/9/2011
Douglas R. Jungwirth (date)

Emilio Quezada 6/9/11
Emilio Quezada (date)

Gregory A. Campbell 6/9/11
Gregory A. Campbell (date)

James H. Ermer 6/9/11
James H. Ermer (date)

Russell K. Jones 6/9/11
Russell K. Jones (date)