

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Christopher M. Fetzer		03/09/2009
RECEIVING PARTY DATA		
Name:	Boeing Company, The	
Street Address:	100 N. Riverside	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606-1596	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12404795	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	08-1155	
NAME OF SUBMITTER:	Douglas J. Gordon	
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REEL: 022411 FRAME: 0487

ASSIGNMENT

WHEREAS, Christopher M. Fetzer, residing at 28017 Daydream Way, Valencia, California 91354; ("Assignor") has invented certain new and useful inventions and improvements (the "Invention") described in the United States patent application entitled **HIGHLY DOPED LAYER FOR TUNNEL JUNCTIONS IN SOLAR CELLS** (Docket No. 08-1155) for which Assignor is making application for letters patent of the United States, which application has been duly executed by Assignor concurrently herewith;

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, United States of America ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign letters patent that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has assigned, sold and transferred to the Assignee, its successors and assigns, and Assignor does hereby assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the 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 that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or letters patent identified herein, including all applications claiming the priority of said applications for patent or letters patent identified herein, 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 Assignors 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 the United States letters patent to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights 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 the letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner for Patents of the United States Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective letters patent in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignors has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and 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 Invention, and for maintaining and perfecting the Assignee's right to the Invention and letters patent particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, we have signed this assignment on the date specified below:



Christopher M. Fetzer

3/9/09

Date