506402129 12/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6448885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL I. ESKENAZI	12/03/2020
MICHAEL E. MCEACHEN	12/03/2020
CHRISTOPHER PETERSON	12/10/2020

RECEIVING PARTY DATA

Name:	NORTHROP GRUMMAN INNOVATION SYSTEMS, INC.
Street Address:	4700 NATHAN LANE
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17121274

CORRESPONDENCE DATA

Fax Number: (801)531-9168

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-532-1922

Email: Bknielsen@traskbritt.com TRASKBRITT, P.C./ NGIS **Correspondent Name:**

Address Line 1: P.O. BOX 2550

SALT LAKE CITY, UTAH 84110 Address Line 4:

ATTORNEY DOCKET NUMBER:	2507-P15950US		
NAME OF SUBMITTER:	LOGAN J. FARNSWORTH		
SIGNATURE:	/Logan J. Farnsworth/		
DATE SIGNED:	12/14/2020		

Total Attachments: 4

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PATENT REEL: 054641 FRAME: 0888 506402129

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to NORTHROP GRUMMAN INNOVATION SYSTEMS, INC. ("ASSIGNEE"), a corporation of the State of Delaware, having a place of business at 4700 Nathan Lane, MN07-LW58, Plymouth, MN 55442, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements that are disclosed in the Application for United States Letters Patent that has been executed by each undersigned ASSIGNOR concurrently herewith, and titled SOLAR ARRAYS AND RELATED ASSEMBLIES AND METHODS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof that have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents that have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible that the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

PATENT REEL: 054641 FRAME: 0889 AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNOR:	
Michael I. Eskenazi Michael I. Eskenazi Residing at: 7202 Fordham Place, Goleta, CA 93117	Date: <u>/2/3/2020</u>
ASSIGNOR:	
Michael E. McEachen Residing at: 456 Toltec Way, Santa Barbara, CA 93111	Date:
ASSIGNOR:	
Christopher Peterson Residing at: 12 W Islay St. Santa Barbara, CA 03101	Date:

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ASSIGNOR:

Residing at: 7202 Fordham Place, Goleta, CA 93117

ASSIGNOR:

Michael I. Eskenazi

Michael E. McEachen

Residing at: 456 Toltec Way, Santa Barbara, CA 93111

ASSIGNOR:

Christopher Peterson

Residing at: 12 W Islay St., Santa Barbara, CA 93101

 $Date: \frac{12}{3}, \frac{3}{2}, 020$

Date:

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AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNOR:				
		Date:		
Michael I. Eskenazi	**	***		*
Residing at: 7202 Fordham	n Place, Goleta, CA 9311	7		
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ASSIGNOR:				
	······································	Date:		***************************************
Michael E. McEachen				
Residing at: 456 Toltec W	ay, Santa Barbara, CA 93	111		
ASSIGNOR:				
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<u> </u>	Clockman	Date:	17/1072	000
Christopher Peterson				

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Residing at: 12 W Islay St., Santa Barbara, CA 93101

RECORDED: 12/14/2020