

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VLADIMIR TASSEV	11/26/2018
RECEIVING PARTY DATA	
Name:	GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE
Street Address:	2240 B STREET
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State/Country:	OHIO
Postal Code:	45434-7109
PROPERTY NUMBERS Total: 7	
Property Type	Number
Application Number:	18046529
Application Number:	18046943
Application Number:	18046944
Application Number:	18046945
Application Number:	18046946
Application Number:	18046950
Application Number:	18046953
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	AFD 1740CIP1-7
NAME OF SUBMITTER:	TIMOTHY M. BARLOW

SIGNATURE:	/ Timothy M Barlow /
DATE SIGNED:	10/17/2022
Total Attachments: 1 source=AFD-1740 Assignment signed1#page1.tif	

ASSIGNMENT
(Government Inventor)

WHEREAS, I, **VLADIMIR TASSEV**, while employed by the Government of the United States, made or contributed to an invention described in invention disclosure **AFD-1740** entitled "**OPTIMIZED HETEROEPITAXIAL GROWTH OF SEMICONDUCTORS**," to be filed as an application for Letters Patent of the United States (Application Serial Number **16/201446**), filed **27 November 2018**), and I hereby authorize and request Air Force Patent Counsel to insert here in the above parentheses (Application Serial Number, filed) the filing date and application number of said application when known; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States as represented by the Secretary of the Air Force, under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights;

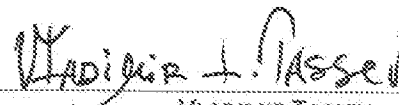
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, **VLADIMIR TASSEV**:

HEREBY HAVE SOLD, ASSIGNED, AND TRANSFERRED, and by these presents do sell, assign, and transfer unto the Government of the United States as represented by the Secretary of the Air Force, my entire right, title, and interest, in and to the aforesaid invention described in the invention disclosure, all subsequent information to support that aforesaid invention, and the resulting application for Letters Patent of the United States including all Letters Patent issuing thereon, and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States;

HEREBY AUTHORIZE AND REQUEST any official whose duty it is to issue patents, to issue any patent thereon to the Government of the United States, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made;

HEREBY ALSO GRANT to the Government of the United States, as represented by the Secretary of the Air Force, the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the first filing date of any application for United States Letters Patent covering the invention or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any country or jurisdiction foreign to the United States, including the power to issue sublicenses for use on behalf of the Government of the United States and/or in furtherance of the foreign policies of the United States of America; and

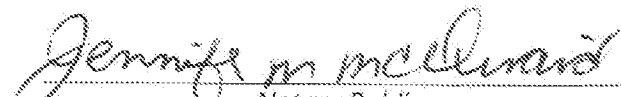
HEREBY AGREE to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.


VLADIMIR TASSEV

SUBSCRIBED AND ACKNOWLEDGED before me by **VLADIMIR TASSEV** this 26 day of November, 2018, at the city of Fairborn in the County of Greene State of Ohio.



Jennifer M. McQuaid
Notary Public, State of Ohio
My Commission Expires 07-29-2022


Notary Public