

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dr. Leanne Joan Henry</td> <td>05/24/2011</td> </tr> <tr> <td>Dr. Thomas M. Shay</td> <td>05/18/2011</td> </tr> <tr> <td>Jacob Robert Grosek</td> <td>07/12/2011</td> </tr> <tr> <td>Dr. Gerald T. Moore</td> <td>08/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Dr. Leanne Joan Henry	05/24/2011	Dr. Thomas M. Shay	05/18/2011	Jacob Robert Grosek	07/12/2011	Dr. Gerald T. Moore	08/16/2011		
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Government of the United States as Represented by the Secretary of the Air Force</td> </tr> <tr> <td>Street Address:</td> <td>1500 Wilson Avenue, Suite 304</td> </tr> <tr> <td>Internal Address:</td> <td>SAF/GCQ</td> </tr> <tr> <td>City:</td> <td>Arlington</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22209</td> </tr> </table>		Name:	The Government of the United States as Represented by the Secretary of the Air Force	Street Address:	1500 Wilson Avenue, Suite 304	Internal Address:	SAF/GCQ	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22209
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CORRESPONDENCE DATA													
<p>Fax Number: (505)846-0279</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5058461542</p> <p>Email: kenneth.callahan@kirtland.af.mil</p> <p>Correspondent Name: KENNTH E CALLAHAN</p> <p>Address Line 1: AFNWC/JAN</p> <p>Address Line 2: 2251 MAXWELL SE</p> <p>Address Line 4: KIRTLAND AFB, NEW MEXICO 87117</p>													
ATTORNEY DOCKET NUMBER:	PRS-201												
NAME OF SUBMITTER:	Kenneth E. Callahan												

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PATENT
REEL: 026762 FRAME: 0232

Total Attachments: 5

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PATENT

REEL: 026762 FRAME: 0233

ASSIGNMENT

WHEREAS, I, **Thomas M. Shay, Leanne J. Henry, and Jacob R. Grosek**, while employed by the Government of the United States made an invention entitled **Seeded Raman Amplifier for applications in the 1100-1500 NM Spectral Region**, and described in application for Letters Patent of the United States executed by us on the 18 day of May, 2011, on the 24 day of May, 2011, and on the 12 day of July, 2011;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph I(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the promises and other valuable considerations, we, **Thomas M. Shay, Leanne J. Henry, and Jacob R. Grosek**, the inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries 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 us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us 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 foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and we 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 for the preparation and filing of such applications, or for the Government to exercise its option granted hereunder,

except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.

Inventor: Thomas M. Shay
Thomas M. Shay

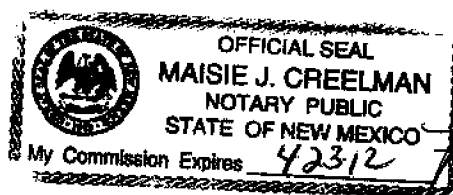
STATE OF: New Mexico

SS:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 18th day of May, 2011, personally appeared Thomas M. Shay to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)



My Commission Expires:

4-23-12

Notary Public

Inventor: Leanne J. Henry
Leanne J. Henry

STATE OF: New Mexico

SS:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 24th day of May, 2011, personally appeared Leanne J. Henry to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Libby B. Waits
Notary Public

My Commission Expires:
31 May 2013

Inventor: Jacob R. Grosek
Jacob R. Grosek

STATE OF: New Mexico

ss:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 12th day of July, 2011, personally appeared Jacob R. Grosek to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Livby N. Waits
Notary Public

My Commission Expires:
31 May 2013

ASSIGNMENT

WHEREAS, I, **Gerald T. Moore**, while employed by the Government of the United States made an invention entitled **Seeded Raman Amplifier for applications in the 1100-1500 nm Spectral Region**, and described in application for Letters Patent of the United States executed by us on the 16 day of AUGUST, 2011;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph I(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the promises and other valuable considerations, I, **Gerald T. Moore**, an inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries 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 us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us 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 foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and we 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 for the preparation and filing of such applications, or for the Government to exercise its option granted hereunder,

except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.

Inventor: Gerald T. Moore
Gerald T. Moore

STATE OF: New Mexico

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 16th day of August, 2011, personally appeared Gerald T. Moore to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Libby H. Waits
Notary Public

My Commission Expires:

31 May 2013