

06-22-1999

U.S. Department of Commerce  
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**PATENT**



101071954

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☐ Merger ☐ Other   
**U.S. Government**  
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☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Name (line 1) HERUP, ERIC

Execution Date  
Month Day Year  
02 17 1999

Name (line 2)

**Second Party**

Name (line 1) HUYBRECHTS, STEVEN

Execution Date  
Month Day Year  
02 17 1999

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Government of the United States of America, as

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Name (line 2) The Secretary of the Air Force, The

Address (line 1) SAF/GCQ

Address (line 2) 1500 Wilson BLVD Suite 304

Address (line 3) ARLINGTON VA 22209

City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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**PATENT**  
**REEL: 010030 FRAME: 0266**

**Correspondent Name and Address**Area Code and Telephone Number **505 846-1542**Name **Callahan, Kenneth E.**Address (line 1) **377 ABW/JAN**Address (line 2) **2251 Maxwell SE**Address (line 3) **Kirtland AFB, NM 87117**

Address (line 4)

**Pages**Enter the total number of pages of the attached conveyance document  
including any attachments.# **2****Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)****Patent Number(s)**



If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.Month Day Year  
**02 17 1999****Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
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PCT		PCT		PCT	
PCT		PCT		PCT	

**Number of Properties**

Enter the total number of properties involved.

# **1****Fee Amount**Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**Method of Payment:  
Deposit AccountEnclosed ☐Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **01-0465**

Authorization to charge additional fees:

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☐**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any  
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indicated herein.*

Kenneth E. Callahan

*Kenneth E. Callahan**4 June 1999*

Name of Person Signing

Signature

Date

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CONTINUATION  
PATENTS ONLYU.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) GRIFFIN, STEVEN

02 17 1999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**☐ Mark if additional names of receiving parties attached

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)****Patent Number(s)**



# ASSIGNMENT

WHEREAS, WE, Eric Herup, Steven Huybrechts, and Steven Griffin, while employed by the Government of the United States, made an invention jointly with Stephen Tsai entitled Composite ChamberCore Sandwich-type Structure with Inherent Acoustic Attenuation, and described in application for Letters Patent of the United States executed by us on the 17 day of Feb, 1999; on the 17 day of Feb 1999; and on the 17 day of Feb 1999; respectively;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1 (a) of Executive Order 10096, to the entire right, title and interest in Government employees inventions, 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, Eric Herup, Steven Huybrechts, and Steven Griffin, joint inventors with Stephen Tsai 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 undivided right, title and interest throughout the United States of America, its territories and dependencies, 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 undivided 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, the option to take our undivided 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 of an option to take foreign rights in the joint invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries within six months of the filing date of any application for United States Letters Patent covering said joint invention, or within six months from the declassification of said invention, whichever is later, and that all foreign rights in said undivided interest not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in our undivided interest 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 any papers which may be necessary for the preparation of filing of such domestic 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

Erie Herup  
Erie Herup

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 17th day of February, 1999, personally appeared ERIC HERUP, who being duly sworn did say that he is the inventor who signed the above Assignment and acknowledged said Assignment to be his free act and deed.

(Seal)

Libby D. Waits  
Notary Public

My Commission Expires:  
31 May 2001

Inventor

Steven Huybrechts  
Steven Huybrechts

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 17th day of February, 1999, personally appeared STEVEN HUYBRECHTS, who being duly sworn did say that he is the inventor who signed the above Assignment and acknowledged said Assignment to be his free act and deed.

(Seal)

Libby D. Waits  
Notary Public

My Commission Expires:  
31 May 2001

Inventor

Steven Griffin  
Steven Griffin

STATE OF: NEW MEXICO

ss:

COUNTY OF: BERNALILLO

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WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1 (a) of Executive Order 10096, to the entire right, title and interest in Government employees inventions, 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, Eric Herup, Steven Huybrechts, and Steven Griffin, joint inventors with Stephen Tsai 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 undivided right, title and interest throughout the United States of America, its territories and dependencies, 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 undivided 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, the option to take our undivided 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 of an option to take foreign rights in the joint invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries within six months of the filing date of any application for United States Letters Patent covering said joint invention, or within six months from the declassification of said invention, whichever is later, and that all foreign rights in said undivided interest not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in our undivided interest 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 any papers which may be necessary for the preparation of filing of such domestic 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   
Eric Herup

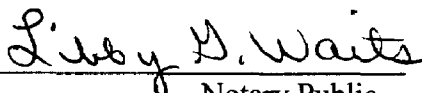
STATE OF: NEW MEXICO

ss:

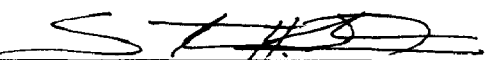
COUNTY OF: BERNALILLO

Before me, a Notary Public in and for the county of BERNALILLO and state of NEW MEXICO, on this 17th day of February, 1999, personally appeared ERIC HERUP, who being duly sworn did say that he is the inventor who signed the above Assignment and acknowledged said Assignment to be his free act and deed.

(Seal)

  
Notary Public

My Commission Expires:  
31 May 2001

Inventor   
Steven Huybrechts

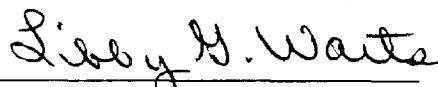
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(Seal)

  
Notary Public

My Commission Expires:  
31 May 2001

Inventor   
Steven Griffin

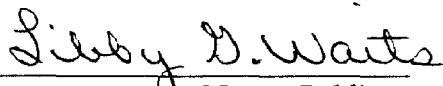
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Notary Public

My Commission Expires:  
31 May 2001