

10-06-2000

U.S. Department of Commerce
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PATENT



101480809

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Conveyance Type

☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other
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☒ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached
Execution Date
Month Day Year
12 17 97

Name (line 1) TIDROW, STEVEN C.

Name (line 2)

Second Party

Name (line 1) TAUBER, ARTHUR

Name (line 2)

Execution Date
Month Day Year
12 10 97

Receiving Party

☐ Mark if additional names of receiving parties attached

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

Name (line 2) as represented by the Secretary of the Army, The

Address (line 1)

Address (line 2)

Address (line 3) Washington

DC

U.S.A.

20310

City

State/Country

Zip Code

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10/05/2000 MTHA11 00000133 192201 08978364

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PATENT

REEL: 011126 FRAME: 0054

Correspondent Name and Address

Area Code and Telephone Number (732) 532-9795

Name U.S. Army Communications-Electronics Command

Address (line 1) ATTN: AMSEL-LG-L (George B. Tereschuk, Esq.)

Address (line 2) Fort Monmouth, NJ 07703-5010

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

3

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)

08978364

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

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

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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:
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Enclosed ☐

Deposit Account ☒

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

Deposit Account Number:

19-2201

Authorization to charge additional fees:

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No

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Statement and Signature

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George B. Tereschuk

Name of Person Signing

Signature

Date

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CONTINUATION
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Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1) WILBER, WILLIAM D.

121097

Name (line 2)

Execution Date
Month Day Year

Name (line 1) FINNEGAN, ROBERT D.

121097

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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)

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-80; the proponent agency is OTJAG
YBCO EPITAXIAL FILMS DEPOSITED ON SUBSTRATE AND BUFFER LAYER COMPOUNDS
IN THE SYSTEM $\text{Ca}_2\text{MeSbO}_6$ WHERE Me = Al, Ga, Sc and In

Title of Invention:

Inventor(s): STEVEN C. TIDROW, ARTHUR TAUBER, WILLIAM D. WILBER, ROBERT D. FINNEGAN

*Application Serial No.: 08/978,364 Attorney Docket No.: CECOM 5287

*Date Oath Executed: 10&17 December 1997 *Filing Date: 25 November 1997

*[Data not known at execution may be added for better identification.]

I(We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States of America, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request all right, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: Steven C. Tidrow
(First name) (Middle Initial) (Last Name)

Duty Address: U.S. Army Research Laboratory, ATTN: AMSRL-SE-EP
2800 Powder Mill Road, Adelphi, Maryland 20783
(Locality) (County) (State)

Date: 12/17/97 Typed Name of Inventor: STEVEN C. TIDROW

State of Maryland)
County of Montgomery) ss.

On the above date STEVEN C. TIDROW known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he/she executed the same as his/her own free act and deed.

Carolyn L. Bourget
(Signature of notary public)

(SEAL)

My Commission expires on 1 MAR 1999

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-80; the proponent agency is OTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

- | | |
|---|--|
| 1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)
STEVEN C. TIDROW, ARTHUR TAUBER,
WILLIAM D. WILBER, ROBERT D. FINNEGAN | 2. APPLICATION SERIAL NUMBER
08/978,364 |
| | 3. FILING DATE
25 November 1997 |
| 4. TITLE OF INVENTION YBCO EPITAXIAL FILMS DEPOSITED ON SUBSTRATE AND BUFFER LAYER COMPOUNDS IN THE SYSTEM $\text{Ca}_2\text{MeSbO}_6$ WHERE Me = Al, Ga, Sc and In | |

SIGNATURE OF INVENTOR: Arthur Tauber
(First name) (Middle initial) (Last name)
U.S. Army Research Laboratory, Physical Sciences Directorate,
DUTY ADDRESS: Fort Monmouth, Monmouth County, New Jersey 07703

DATE SIGNED: Dec. 10, 1997 INVENTOR'S TYPED NAME: ARTHUR TAUBER

STATE OF NEW JERSEY)
COUNTY OF MONMOUTH) SS.

On the above date ARTHUR TAUBER known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

Ursula Buki
(Signature of notary public)

My Commission expires on

URSULA BUKI
Notary Public of New Jersey
My Commission Expires May 16, 2000

SIGNATURE OF INVENTOR: William D. Wilber
(First name) (Middle initial) (Last name)
U.S. Army Research Laboratory, Physical Sciences Directorate,
DUTY ADDRESS: Fort Monmouth, Monmouth County, New Jersey 07703

DATE SIGNED: 10 Dec 1997 INVENTOR'S TYPED NAME: WILLIAM D. WILBER

STATE OF NEW JERSEY)
COUNTY OF MONMOUTH) SS.

On the above date WILLIAM D. WILBER known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

Ursula Buki
(Signature of notary public)

My Commission expires on

URSULA BUKI
Notary Public of New Jersey
My Commission Expires May 16, 2000

SUPPLEMENTAL SIGNATURE SHEET

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Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)

STEVEN C, TIDROW, ARTHUR TAUBER,
WILLIAM D, WILBER, ROBERT D, FINNEGAN

2. APPLICATION SERIAL NUMBER

08/978,364

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4. TITLE OF INVENTION YBCO EPITAXIAL FILMS DEPOSITED ON SUBSTRATE AND BUFFER LAYER COMPOUNDS IN THE SYSTEM $\text{Ca}_2\text{MeSbO}_6$ WHERE Me = Al, Ga, Sc and In

SIGNATURE OF INVENTOR: Robert D. Finnegan

U.S. Army Research Laboratory, Physical Sciences Directorate,
DUTY ADDRESS: Fort Monmouth, Monmouth County, New Jersey 07703

DATE SIGNED: 10/97/12/10

INVENTOR'S TYPED NAME: ROBERT D, FINNEGAN

.....

STATE OF NEW JERSEY

COUNTY OF MONMOUTH

) SS.

On the above date ROBERT D, FINNEGAN known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

My Commission expires on

URSULA BUKI
Notary Public of New Jersey
My Commission Expires May 16, 2000

SIGNATURE OF INVENTOR: _____

(First name)

(Middle initial)

(Last name)

DUTY ADDRESS: _____

DATE SIGNED: _____

INVENTOR'S TYPED NAME: _____

.....

STATE OF _____

COUNTY OF _____

) SS.

On the above date known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

My Commission expires on _____

(Signature of notary public)