

Form PTO-1595 (Rev. 07/05)  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Horn-Bond Lin  
Steven Clyde Hill

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 2/23/07 and 2/22/07

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: United States of America as Represented by the

Internal Address: Secretary of the Army

Street Address: \_\_\_\_\_

City: Washington

State: District of Columbia

Country: U.S.A. Zip: 20810

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.  
A. Patent Application No.(s)  
10/816,579  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Office of Chief Counsel

Internal Address: U.S. Army Research Laboratory

ATTN: AMSRD-O-CC-IP (Tina Buchanan)

Street Address: 2800 Powder Mill Road

City: Adelphi

State: Maryland Zip: 20783-1197

Phone Number: 301-394-1071

Fax Number: 301-394-3972

Email Address: tbuchanan@arl.army.mil

**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 19-2201

Authorized User Name U.S. Army Research Lab

**9. Signature:**

Tina H. Buchanan  
Signature

2/23/07  
Date

Tina H. Buchanan  
Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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PATENT

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office of chief counsel

10:17:43 a.m.

02-23-2007

2 / 2

**ASSIGNMENT OF INVENTION**

For use of this form, see AR 27-60; the proponent agency is OTJAG

Title of Invention: Aerosol Particle Analyzer for Measuring an Analyte in Airborne ParticlesInventor(s) Horn-Bond Lin and Steven Clyde Hill\* Application Serial No.: 10/816,579\* Date Data Executed: 02/23/2007 \* Filing Date: 03/26/2004

(\*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, as represented by the Secretary of the Army, all 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, 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 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:

Horn-Bond Lin Hill  
 (First name) (Middle initial) (Last name)

Duty Address: Naval Research Laboratory, Code 5612, 4555 Overlook Ave., SW Washington, DC 20375-5338  
 (Locality) (County) (State)

Date: 2/23/07 Typed Name of Inventor: Horn-Bond Lin

State of: Maryland } SS  
 County of: Prince George's

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

[Signature]  
 (Signature of notary public)

My Commission expires on

11/28/09

DA FORM 2874-R, APR 83

REPLACES DA FORM 2874-R, MAR 74, WHICH IS OBSOLETE.

Page 1 of 2 Pages

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PATENT

REEL: 018935 FRAME: 0615

**SUPPLEMENTAL SIGNATURE SHEET**

For use of this form, see AR 27-60; 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 Clyde Hill2. APPLICATION SERIAL NUMBER  
10/816,5793. FILING DATE  
03/26/20044. TITLE OF INVENTION  
Aerosol Particle Analyzer for Measuring an Analyte in Airborne ParticlesSIGNATURE OF INVENTOR: *Steven* *C.* *Hill*  
(First name) (Middle initial) (Last name)

DUTY ADDRESS: U.S. Army Research Laboratory, 2800 Powder Mill Road, Adelphi, MD 20783

DATE SIGNED: *Feb. 22, 2007* INVENTOR'S TYPED NAME: Steven Clyde Hill  
\*\*\*\*\*STATE OF Maryland )  
COUNTY OF Montgomery ) SS.On the above date *Steven C. Hill* 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)

*Twin Hawks Buchanan*  
(Signature of notary public)My Commission expires on *1/9/10*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)

(Signature of notary public)

My Commission expires on