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COVER SHEET  
JULY 12/448950

To the Director of the L

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attached documents or the new address(es) below.

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

Alan Matthew Finn  
Pei-Yuan Peng  
Ziyou Xiong

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

Name: UTC Fire & Security Corporation

Street Address: 9 Farm Springs Road

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

City: Farmington

State: Connecticut

Country: USA Zip: 06034

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

Execution Date(s)

January 12, 2007 Alan Matthew Finn

January 10, 2007 Pei-Yuan Peng

January 10, 2007 Ziyou Xiong

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

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

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

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Michael A. Collins

Internal Address: Kinney & Lange, P.A.

Street Address: 312 South Third Street

City: Minneapolis

State: MN Zip: 55415

Phone Number: 612-339-1863

Fax Number: 612-339-6580

Email Address: macollins@kinney.com

**6. Total number of applications and patents involved: one**

**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 07/20/2009 to 07/20/2010 Number 00000007 12448950

Expiration Date 01 FC:8021 40-00-00

b. Deposit Account Number 11-0982

Authorized User Name Michael A. Collins

**9. Signature:**

*Michael A. Collins*

Signature

July 16, 2009

Date

Michael A. Collins  
Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 022991 FRAME: 0075

12/448950

<b>ASSIGNMENT</b> <b>(International Patent Application)</b>	<b>Attorney Docket No.</b> <u>U71.13-15</u>
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WHEREAS, I, Alan Matthew Finn of Hebron, Connecticut 06248 US, Pei-Yuan Peng of Ellington, Connecticut 06029 US, and Ziyou Xiong of Wethersfield, Connecticut 06109 US have invented certain new and useful improvements as described in an international application entitled **SYSTEM AND METHOD FOR VIDEO DETECTION OF SMOKE AND FLAME**, for Letters Patent filed pursuant to the Patent Cooperation Treaty, the application filed with the United States Receiving Office under International Application No. PCT/US2007/001009, having an International Filing Date of January 16, 2007; and

WHEREAS, UTC Fire & Security Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at 9 Farm Springs, Farmington, Connecticut 06034 US, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I hereby authorize the Assignee, its successors and assigns, to insert in this instrument the application number when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries foreign to the United States.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Signed at East Hartford, CT, USA  
 (City) (State)  
 this 12<sup>th</sup> day of January, 2007

  
 Alan Matthew Finn

**DECLARATION AND SIGNATURE OF WITNESS**

I, ANN SKREYNIARZ  
 (Printed or typed name)  
 whose full post office address is 18 DIBBLE HOLLOW WINDSOR LOCKS, CT  
 (Printed or typed address)

hereby declare that I was personally present and did see Alan Matthew Finn, Assignor in the above ASSIGNMENT duly sign and execute the same.

Declared at EAST HARTFORD CT, USA  
(city and state)

this 12<sup>th</sup> day of JANUARY, 2007

Ann Skrzyniarz  
Signature of Witness

Signed at East Hartford CT, USA  
(City) (State)

this 10<sup>th</sup> day of January, 2007.

Pei-Yuan Peng  
Pei-Yuan Peng

**DECLARATION AND SIGNATURE OF WITNESS**

I, ANN SKRZYNIARZ  
(Printed or typed name)  
whose full post office address is 18 DIBBLE HOLLOW, WINDSOR LOCKS, CT  
(Printed or typed address)

hereby declare that I was personally present and did see Pei-Yuan Peng, Assignor in the above ASSIGNMENT duly sign and execute the same.

Declared at EAST HARTFORD CT, USA  
(city and state)

this 10 day of JANUARY, 2007

Ann Skrzyniarz  
Signature of Witness

Signed at East Hartford CT, USA  
(City) (State)

this 10<sup>th</sup> day of January, 2007.

Ziyou Xiong  
Ziyou Xiong

**DECLARATION AND SIGNATURE OF WITNESS**

I, ANN SKRZYNIARZ  
(Printed or typed name)  
whose full post office address is 18 DIBBLE HOLLOW, WINDSOR LOCKS, CT  
(Printed or typed address)

hereby declare that I was personally present and did see Ziyou Xiong, Assignor in the above ASSIGNMENT duly sign and execute the same.

Declared at EAST HARTFORD CT, USA  
(city and state)

this 10 day of JANUARY, 2007

*Ann Skrzyniarz*  
Signature of Witness