



Form O-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

8/17/09

09-09-2009



103573373

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

To the Director of the U.S. Patent :

ments or the new address(es) below.

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

Gilbert H. Lovell III  
Eric Chi-Kai Hui  
Merrill Keith Umbreit

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

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

Execution Date(s) August 13, 2009

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Correction-Assignee name. 022896/0115

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

Name: Advanced Technology & Research Corp.

Internal Address:

Street Address: 6650 Eli Whitney Drive, Suite 400

City: Columbia

State: MD

Country: U.S.A. Zip: 21046

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)

B. Patent No.(s)

12455323

Additional numbers attached? ☐ Yes ☒ No

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

Name: Advanced Technology & Research Corp.

Internal Address: Attn: David Lupi

Street Address: 6650 Eli Whitney Drive, Suite 400

City: Columbia

State: MD Zip: 21046

Phone Number: 443-766-7862

Fax Number: 443-766-7964

Email Address: dlupi@atrcorp.com

**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 to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number: 00000018-12455323

Authorized User Name: 40.00 OP

**9. Signature:**

*David E. Lupi*  
Signature

8/13/09  
Date

David E. Lupi

Name of Person Signing

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

5

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

06-30-2009

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

103565497  
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)

Gilbert H. Lovell III  
Eric Chi-Kai Hui  
Merrill Keith Umbreit

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

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

Execution Date(s) June 25, 2009

- ☒ 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: David Lupi- ATR

Internal Address:

Street Address: 6650 Eli Whitney Drive, Suite 400

City: Columbia

State: MD

Country: USA

Zip: 21046

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

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

A. Patent Application No.(s)

12455323

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

JUN 29

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

Name: David Lupi

Internal Address:

Street Address: 6650 Eli Whitney Drive, Suite 400

City: Columbia

State: MD

Zip: 21046

Phone Number: 443-766-7862

Fax Number: 443-766-7864

Email Address: dlupi@atrcorp.com

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00

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

## 8. Payment Information

Deposit Account Number

Authorized User Name: 00000052 12455323

01 FC:0021

## 9. Signature:

*David E. Lupi*  
Signature

David E. Lupi

Name of Person Signing

6/25/09  
Date

Total number of pages including cover sheet, attachments, and documents: 5

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: 023209 FRAME: 0590

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We, Gilbert H. Lovell III of ATR, hereafter

referred to as applicant, have invented certain new and useful improvements in

Stabilized UAV Recovery System

☐ for which an application for a United States Patent was filed on \_\_\_\_\_

Application Number \_\_\_\_\_

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, Jackson Yang of ATR here referred

to "assignee" whose mailing address is 6650 Eli Whitney Dr, Suite 400 is

Columbia, MD 21046 desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 28 day of May, 2009  
at Advanced Technology & Research Corp  
6650 Eli Whitney Drive, Suite 400  
Columbia, MD 21046

DOUGLAS CHIN  
NOTARY PUBLIC  
HOWARD COUNTY  
MARYLAND  
MY COMMISSION EXPIRES MARCH 23, 2011

Signature Gilbert H. Lovell III

State of MARYLAND SS: 114-52-5532 Gilbert H. Lovell III

County of Howard Rich Chi Printed Name/Registration No., if applicable

Before me personally appeared said Gilbert H. Lovell III

and acknowledged the foregoing instrument to be his free act and deed this 28th

day of May, 2009 able consideration, I/We, the applicant(s), by these

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☐ Total of \_\_\_\_\_ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/15) (08-03)

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We, Eric Chik-Kai Hui of ATR, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

Stabilized UAV Recovery System☐ for which an application for a United States Patent was filed on \_\_\_\_\_

Application Number \_\_\_\_\_

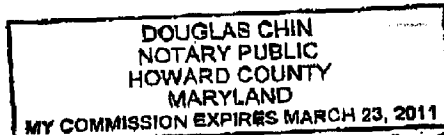
☐ for which an application for a United States Patent was executed on \_\_\_\_\_, andWhereas, Jackson Yang of ATR here referredto "assignee" whose mailing address is 6650 Eli Whitney Dr., Ste. 400, Columbia, MD 21046 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 28 day of May, 20 09

at Advanced Technology & Research Corp.  
6650 Eli Whitney Drive, Suite 400  
Columbia, MD 21046



Signature

E. C. HuiState of Maryland215-62-5312Eric C. Hui

Printed Name/Registration No., if applicable

County of HowardSS: [Signature]Before me personally appeared said Eric Chik-Kai Huiand acknowledged the foregoing instrument to be his free act and deed this 28thday of May, 20 09

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☐ Total of \_\_\_\_\_ forms are submitted.

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PATENT

REEL: 023209 FRAME: 0592

Sample Form (former PTO/SR/16) (06-03)

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We, Merrill Keith Umbreit, hereafter

referred to as applicant, have invented certain new and useful improvements in

Stabilized UAV Recovery System☐ for which an application for a United States Patent was filed on \_\_\_\_\_

Application Number \_\_\_\_\_

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, andWhereas, Jackson Yang of ATR here referredto "assignee" whose mailing address is 6650 Eli Whitney Dr., Suite 400Columbia, MD 21046

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 23rd day of May, 2009
 at SOLENDERGERS MESSENGER SERV.  
520 LINCOLN WAY E.  
CHAMBERSBURG, PA 17201


Signature

State of PENNSYLVANIA of ACounty of USA (Franklin) SS: 389 480 987 Printed Name/Registration No., if applicable MERRILL KEITH UMBREITBefore me personally appeared said Merrill Keith Umbreitand acknowledged the foregoing instrument to be his free act and deed this 23rdday of May, 2009

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Seal JOHN R. CLEVER, Notary Public  
Boro of Chambersburg, Franklin County

Note: Signatures of all persons who are required to sign this document, or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☐ Total of \_\_\_\_\_ forms are submitted.

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PATENT

RECORDED: 08/17/2009

REEL: 023209 FRAME: 0593