

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
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1. Name of conveying party(ies)Mark Y. Luk
Cynthia Yu Kuo
Adrian Perrig
Evan Davis GaustadAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 15 May; 3 June; 10 June; 17 June, 2008

- ☒ 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: Carnegie Mellon University

Internal Address: _____

Street Address: 5000 Forbes AvenueCity: PittsburghState: PACountry: U.S. Zip: 15213Additional 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)

12/070,718Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Edward L. PencoskeInternal Address: Jones DayStreet Address: 222 East 41st StreetCity: New YorkState: NY Zip: 10017-6702

Phone Number: _____

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

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

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-3013Authorized User Name Edward L. Pencoske**9. Signature:**

Signature

24 June 2008

Date

Edward L. Pencoske

Name of Person Signing

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

7

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PATENT
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PATENT

ATTORNEY'S DOCKET NO. PAT001256-000
012102-0068-999

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 ☐ U.S. Provisional Application
 ☐ U.S. Patent
 For: ☒ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNOR:

Inventor(s) or person(s) or
 entity(ies) who own the
 invention

Mark Y. Luk

(type or print name(s) of ASSIGNOR(S))

40895 Marty Terrace

Fremont, CA 94539

Address

USA

Citizenship

Inventor(s) or person(s) or
 entity(ies) who own the
 invention

Cynthia Yu Kuo

(type or print name(s) of ASSIGNOR(S))

1717 Murray Avenue, PMB 123

Pittsburgh, PA 15217

Address

USA

Citizenship

Inventor(s) or person(s) or
 entity(ies) who own the
 invention

Adrian Perrig

(type or print name(s) of ASSIGNOR(S))

1439 Walnut Street

Pittsburgh, PA 15218

Address

USA

Citizenship

Inventor(s) or person(s) or
entity(ies) who own the
invention

Evan Davis Gaustad

(type or print name(s) of ASSIGNOR(S))

722 S. Broadway, Apartment 17

Redondo Beach, CA 90277

Address

USA

Citizenship

hereby sells, assigns, and transfers to

ASSIGNEE:

Carnegie Mellon University

(type or print name(s) of ASSIGNOR(S))

5000 Forbes Avenue

Pittsburgh, PA 15213

Address

USA

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE



the entire right, title and interest



an undivided _____ percent (_____%) interest for the United States and its

territorial possession

(check the following box, if foreign rights are also to be assigned)



and in all foreign countries, including all rights to claim priority, in and to
any and all improvements which are disclosed in the invention entitled:

Apparatus and method for secure, user-friendly deployment of information

Name of inventor(s) **Mark Y. Luk, Cynthia Yu Kuo, Adrian Perrig, Evan Davis Gaustad**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐

U.S. patent application executed on even date herewith

(b) ☐

U.S. patent application executed on _____

(c) ☐

U.S. provisional application naming the above inventor(s) for the
above entitled invention.



Express mail label no. _____

Mailed:

- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, and ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) ☒ U.S. Application No. 12/070,718
filed on 20 February 2008
- ☐ International application no. PCT/ /
- (c) ☐ U.S. Patent No. _____ issued _____
- (f) ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letter Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal as of the date set forth below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 5/15/2008


Signature of Assignor Mark Y. Luk

Date: _____

Signature of Assignor Cynthia Yu Kuo

Mailed:

- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, and ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
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Date: _____

Date: 3 June 2008

Signature of Assignor Mark Y. Luk


 Signature of Assignor Cynthia Yu Kuo

Date: 6/10/08

A. Perrig
Signature of Assignor Adrian Perrig

Date: _____

Signature of Assignor Evan Davis Gaustad

(if ASSIGNOR is a legal entity, complete the following information)

*(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)*

Title

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

Date: _____

Signature of Assignor Adrian Perrig

Adrian Perrig

Date: June 17, 2008

Signature of Assignor Evan Davis Gaustad

(if ASSIGNOR is a legal entity, complete the following information)

*(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)*

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☐ Notarization or Legalization Page Added.



Facsimile Transmission

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elpencoske@jonesday.com

June 24, 2008

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12/070,718

Additional numbers attached? ☐ Yes ☒ No

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

Name: Edward L. Pencoske

Internal Address: Jones Day

Street Address: 222 East 41st Street

City: New York

State: NY Zip: 10017-6702

Phone Number: _____

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

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b. Deposit Account Number 50-3013

Authorized User Name Edward L. Pencoske

9. Signature:



Signature

24 June 2008

Date

Edward L. Pencoske
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