

12-18-2006

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

12.11.06

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

Dirk BALFANZ

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

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

Name: Palo Alto Resarch Center Incorporated

Internal Address: \_\_\_\_\_

Street Address: 3333 Coyote Hill Rd.

City: Palo Alto

State: CA

Country: USA Zip: 94304

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

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

Execution Date(s) 12/11/2006

- 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):**

This document is being filed together with a new application.

A. Patent Application No.(s)

New U.S. Patent Application  
Docket #20051887-US-NP-311321

B. Patent No.(s)

12/15/2006 DBYRNE 00000084 240037 11637293

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Additional numbers attached?  Yes  No

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

Name: USPTO Customer Number 52725

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Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 24-0037

Authorized User Name Xerox Corporation

**9. Signature:**

*Christian Austin-Hollands*  
Signature

December 11, 2006  
Date

Christian Austin-Hollands  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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113264 U.S. PTO  
11/637293

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**ASSIGNMENT**

**Attorney Docket No.: 20051887-US-NP-311121**

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **SYSTEMS AND METHODS FOR LIGHTWEIGHT AUTHENTICATION** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)").

which Application:

- is being executed concurrently herewith,
- was first executed on \_\_\_\_\_
- was filed on \_\_\_\_\_ as Application Number \_\_\_\_\_
- claims the benefit of U.S. Provisional Application(s) No(s) \_\_\_\_\_ filed \_\_\_\_\_.

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.



Dirk BALFANZ \_\_\_\_\_

Date 12/11/06

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Date \_\_\_\_\_

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Date \_\_\_\_\_

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Date \_\_\_\_\_

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Date \_\_\_\_\_