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

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OMB No. 0651-0027 (exp. 6/30/2005)

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)

John W. Barrus
Jamey Graham
Kurt Piersol

2. Name and address of receiving party(ies)

Name: Ricoh Company, Ltd.

Internal Address: _____

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

Street Address: 15-5 Minami Aoyama 1-Chome,
Minato-Ku

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

Execution Date(s) Barrus (May 10, 2006)
Graham (May 9, 2006)
Piersol (May 9, 2006)

City: Tokyo

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

State: _____

Country: JAPAN Zip: 107-8544

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)

11/396,381 filed March 31, 2006

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sujit B. Kotwal

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

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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
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- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 numbers _____
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b. Deposit Account Number 20-1430

Authorized User Name Townsend and

Townsend and Crew LLP

9. Signature:

S. B. Kotwal

May 23, 2006

Signature

Date

Sujit B. Kotwal

Name of Person Signing

Atty. Reg. No. 43,336

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

3

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John W. Barrus of 2382 Branner Drive, Menlo Park, California 94025; Jamey Graham of 1196 Shasta Avenue, San Jose, California 95126; and Kurt Piersol of 1082 Cameo Drive, Campbell, California 95008, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: TRANSMISSION OF MEDIA KEYS
Date(s) of execution of Declaration: Barrus (May 10, 2006; Graham (May 9, 2006);
Piersol (May 9, 2006);
Filing Date: March 31, 2006
Application No.: 11/396,381; and


WHEREAS, Ricoh Company, Ltd., a corporation of Japan, located at 15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, Japan 107-8544, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: ~~May 9, 2006~~ May 10, 2006



John W. Barrus

Dated: 5/9/06



Jamey Graham

Dated: 5/9/06



Kurt Piersol

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