

11-08-2002



FORM PTO-1595
(Rev. 3/01)
OMD NO. 0651-0011 exp. 5/31/2002

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
BERKNER, Kathrin
NEELAMANI, Ramesh
SCHWARTZ, Edward L.
BOLIEK, Martin
Additional name(s) of conveying party(ies) attached? No

11-4-02

2. Name and address of receiving party(ies):
Name: Ricoh Co. Ltd.
a corporation of Japan
Address: 15-5 Minami Aoyama
1-Chome, Minato-Ku
Tokyo 107-8544
Country: JAPAN

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date(s): 02/25/02,
02/28/02,
02/22/02,
02/27/02

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

4. Application Number(s) or patent number(s) :
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
10/044,420

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address: _____
Street Address: 12400 Wilshire Boulevard, 7th Floor
City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
02-2666
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

Michael J. Mallie
Name of Person Signing

Signature

10/20/02
~~03/13/02~~
Date

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

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

Atty Docket No. 74451.P138

11/07/2002 T01A21 00000091 10044420

01 FC:0021

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PATENT
REEL: 013458 FRAME: 0564

FORM PTO-1595
(Rev. 3/01)
OMD NO. 0651-0011 exp. 5/31/2002

04-09-2002



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102048916

To the Honorable Commissioner of Patents, _____ d original documents or copy thereof.

1. Name of conveying party(ies):
BERKNER, Kathrin
NEELAMANI, Ramesh
SCHWARTZ, Edward L.
BOLIEK, Martin
Additional name(s) of conveying party(ies) attached? No

3-25-02

2. Name and address of receiving party(ies):
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a corporation of Japan
Address: 15-5 Minami Aoyama
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Tokyo 107-8544
Country: JAPAN

OFFICE OF THE COMMISSIONER OF PATENTS
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FINANCE SECTION

3. Nature of Conveyance
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 Other:
Execution Date(s): 02/25/02,
02/28/02,
02/22/02,
02/27/02

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

4. Application Number(s) or patent number(s) :
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 10/044,042
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address: _____
Street Address: 12400 Wilshire Boulevard, 7th Floor
City: Los Angeles State: California Zip: 90025

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Michael J. Mallie
Name of Person Signing
[Signature]
Signature
3/13/02
Date

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents, Box Assignments
Washington, D.C. 20231

Atty Docket No. 74451.P138

04/08/2002 TDIAZ1 00000056 10044042
01 FC:381 40.00 DP

PATENT
REEL: 013458 FRAME: 0565

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Kathrin Berkner, Ramesh Neelamani, Edward L. Schwartz and Martin Boliek

hereby sell, assign, and transfer to Ricoh Co., Ltd.

a corporation of Japan, having a principal place of business at

15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, Japan 107-8544, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed January 10, 2002 and assigned Application No. 10/044,420 and is entitled

"HEADER-BASED PROCESSING OF IMAGES COMPRESSED USING MULTI-SCALE TRANSFORMS"

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 25 February, ²⁰⁰²~~2001~~

Kathrin Berkner
Name: Kathrin Berkner

Date: _____, ²⁰⁰²~~2001~~

Name: Ramesh Neelamani

Date: 22 February, ²⁰⁰²~~2001~~

Edward L. Schwartz
Name: Edward L. Schwartz

Date: 27 Feb, ²⁰⁰²~~2001~~

Martin Boliek
Name: Martin Boliek

Date: _____, 20

Name: _____

Date: _____, 20

Name: _____

State of: _____

County of: _____

SS. Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8598

On this _____ day of _____, 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

personally known to me proved to me on the basis of satisfactory evidence to
be the person(s) whose name(s) subscribed to the within instrument, and
acknowledged that _____ executed it.

WITNESS my hand and official seal.

Notary's Signature

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Kathrin Berkner, Ramesh Neelamani, Edward L. Schwartz and Martin Boliek

hereby sell, assign, and transfer to Ricoh Co., Ltd.

a corporation of Japan, having a principal place of business at

15-5 Minami Aoyama 1-Chome, Minato-Ku, Tokyo, Japan 107-8544, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed January 10, 2002 and assigned Application No. 10/044,420 and is entitled

"HEADER-BASED PROCESSING OF IMAGES COMPRESSED USING MULTI-SCALE TRANSFORMS"

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

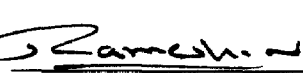
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____, 2001

Name: Kathrin Berkner

Date: 02/28 / ~~2001~~ ²⁰⁰²


Name: Ramesh Neelamani

Date: _____, 2001

Name: Edward L. Schwartz

Date: _____, 2001

Name: Martin Boliek

Date: _____, 20__

Name: _____

Date: _____, 20__

Name: _____

State of: _____ }
County of: _____ }

SS. Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8598

On this _____ day of _____, 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

personally known to me proved to me on the basis of satisfactory evidence to
be the person(s) whose name(s) subscribed to the within instrument, and
acknowledged that executed it.
WITNESS my hand and official seal.

Notary's Signature