

FORM TO: PTO ASSIGNMENT

RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No. 200401149-1

1. Name of conveying party(ies):

KESHET, Renato
MILLER, Casey
KIMBELL, Benjamin D.

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

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
20555 SH 249
Houston, TX 77070

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

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

3. Nature of Conveyance:

Assignment Merger Change of Name
 Security Agreement Other

Execution Date(s): 3 August 2004, 3 August 2004, 3 August 2004

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

If this document is being filed together with a new application, execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Application No.: 10/835,609

Date Filed: 29 April 2004

Confirmation No.: 8415

Additional numbers attached? NO

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

Records Manager
Intellectual Property Administration
HEWLETT-PACKARD COMPANY
P.O. Box 272400
Fort Collins, Colorado 80527-2400

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

Enclosed

Authorization to be charged to deposit account.

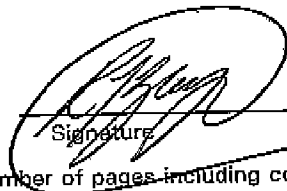
8. Deposit Account Number: 08-2025

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ramona J. Zaya
Name of Person Signing



Aug 11, 2004

Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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PATENT

REEL: 015022 FRAME: 0306

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PATENT APPLICATION

ATTORNEY DOCKET NO. 200201149-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned, hereby agree and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Edge Sensitive Denoising And Color Interpolation Of Digital Images

Filing date: April 21, 2004 Application No: 10/435,609

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIPs), divisions, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any renewals, or continuations, or extensions of said Letters Patent.


I/We additionally authorize HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term for which said Letters Patent respectively may be granted, renewed or extended, as fully and wholly as the same would have been held and enjoyed by me/us had this assignment and transfer not been made.

AND I/We hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/We have not executed and will not execute any agreement in conflict herewith, and I/We further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent to HPDC, its successors, assigns, nominees or legal representatives, and I/We agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisions, continuations, legal proceedings, to sign all lawful papers, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC.

AND I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/We further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and file set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/We hereunto set my/our hand(s) and seal(s):

 Date Assignment Signed: Aug 3rd, 2004

Benito Keshel Date Application Signed: Aug 3rd, 2004

City of _____ State of _____
 I/We hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the United States Patent and Trademark Office.

Notary Public
 My commission expires _____

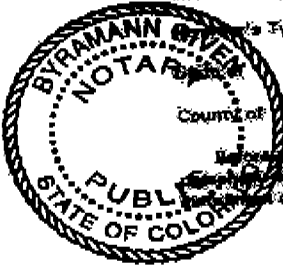
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P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO: 200401149-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s).

[Signature] Date Assignment Signed: 8/3/04
Inventor's Signature (Seal) Date Application Signed: 8/3/04



Inventor's Typed Name: Cathy Miller
State of COLORADO
County of LARIMER
Before me this 3 day of AUGUST, personally appeared Cathy Miller who is
personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and deed.

[Signature]
Notary Public
My commission expires: 6-24-2008

[Signature] Date Assignment Signed: 8/3/04
Inventor's Signature (Seal) Date Application Signed: 8/3/04



Inventor's Typed Name: Benjamin D. Kimbel
State of Colorado
County of Larimer
Before me this 3 day of August, personally appeared Benjamin D. Kimbel who is
personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and deed.

[Signature]
Notary Public
My commission expires: 6-24-2008

Date Assignment Signed: _____
Inventor's Signature (Seal) Date Application Signed: _____
Inventor's Typed Name: _____
State of _____
County of _____

Before me this _____ day of _____, personally appeared _____ who is
personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

(Use Page Three For Additional Inventor's Signatures)

Rev. 05/04 (Assign)