

ATTORNEY DOCKET NO. 200803144-1

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

1. Name of conveying party(ies):

Debargha MUKHERJEE
Wai-Tian TAN
Chuohao YEO

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

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
11445 Compaq Center Drive West
Houston, TX 77707

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

3. Nature of Conveyance:

Assignment Merger Change of Name Security Agreement Joint
 Other

Execution Date(s): 03/10/2009, 03/10/2009, 03/11/2009

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)

Application No.: 12/402,452 Date Filed: 03/11/2009

Confirmation No.: 7735 B. Patent No.(s):

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

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.

John P. Wagner, Jr.
Name of Person Signing


Signature

03/11/2009
Date

Total number of pages including coversheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 082025 12402452

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200801344-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed 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:

DECODING VIDEO DATA

Filing Date: _____ Application No.: _____

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, 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 therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely 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 divisionals, continuations, C-I-P's, reissue and foreign applications, 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 title 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):

Debargha Mukherjee
 Inventor's Signature (Seal)

03/10/2009
 Date Assignment Signed

Debargha MUKHERJEE
 Inventor's Typed Name

03/10/2009
 Date Application Signed

State of _____)
) ss.:
 County of _____)

Before me this ____ day of _____, personally appeared Debargha MUKHERJEE 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: _____


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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200801344-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

 3/10/09
Inventor's Signature (Seal) Date Assignment Signed

Wai-Tian TAN 3/10/09
Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Wai-Tian TAN 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:

Inventor's Signature (Seal) Date Assignment Signed

Chuhao YEO _____
Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Chuhao YEO 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:

Inventor's Signature (Seal) Date Assignment Signed

Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.:

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:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200801344-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Inventor's Signature (Seal) _____ Date Assignment Signed _____

Wai-Tian TAN
Inventor's Typed Name _____ Date Application Signed _____

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Wai-Tian TAN 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: _____

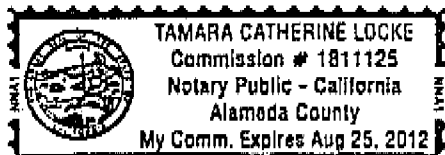
[Signature]
Inventor's Signature (Seal) _____ Date Assignment Signed 3/11/2009

Chuhao YEO
Inventor's Typed Name _____ Date Application Signed 3/11/2009

State of CALIFORNIA)
County of ALAMEDA) ss.:

Before me this 11 day of MARCH, personally appeared Chuhao YEO 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: 8-25-2012



Inventor's Signature (Seal) _____ Date Assignment Signed _____

Inventor's Typed Name _____ Date Application Signed _____

State of _____)
County of _____) ss.:

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: _____



ASSIGNMENT FAX COVER SHEET

SEND TO: USPTO/ Attention: Assignment Recordation Services

FAX NUMBER: 571-273-0140

FROM: Wagner Blecher LLP

PAGE NUMBERS (including this sheet): 6

NOTES: Please find attached Recordation Coversheet and Signed Assignment to be recorded. Please mail the Original Notice of Recordation to:

Mail to: Records Manager
Intellectual Property Administration
Hewlett-Packard Company
P.O. Box 272400
Fort Collins, Colorado 80527-2400

I hereby certify that the attached papers are being transmitted via facsimile to the U.S Patent and Trademark Office, to Facsimile No. 571-273-0140 on the date shown below.

Date: 03/11/2009

Name: Emilie Benschoter

Signature: 

If there should be a problem with the quality of this transmission or you do not receive all of the pages, please call the operator named above at (408) 377-0500.

CONFIDENTIALITY NOTICE

This FACSIMILE transmission is intended only for the use of the individual or entity named above and may contain information that is confidential, attorney-client privileged and exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, reproduction, distribution or use of any of the information contained in this transmission is strictly PROHIBITED by law. If you have received this transmission in error, please immediately notify us by telephone and we will arrange the return of the original transmission to us at no expense to you. Thank you.

**PATENT
REEL: 022383 FRAME: 0933**

ATTORNEY DOCKET NO. 200803144-1

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

1. Name of conveying party(ies):

Debargha MUKHERJEE
Wal-Tian TAN
Chuohao YEO

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

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
11445 Compaq Center Drive West
Houston, TX 77707

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

3. Nature of Conveyance:

Assignment Merger Change of Name Security Agreement Joint
 Other

Execution Date(s): 03/10/2009, 03/10/2009, 03/11/2009

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)

Application No.: 12/402,452

Date Filed: 03/11/2009

Confirmation No.: 7735

B. Patent No.(s):

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

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.

John P. Wagner, Jr.
Name of Person Signing


Signature

03/11/2009
Date

Total number of pages including coversheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA: 22313-1450