

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tye J Dodge</td> <td>01/12/2009</td> </tr> <tr> <td>Murray MacLeod</td> <td>02/03/2009</td> </tr> <tr> <td>Marlene Ann McGorin</td> <td>01/09/2009</td> </tr> <tr> <td>Larrie Deardurff</td> <td>01/09/2009</td> </tr> <tr> <td>Linda C Uhlir-Tsang</td> <td>01/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tye J Dodge	01/12/2009	Murray MacLeod	02/03/2009	Marlene Ann McGorin	01/09/2009	Larrie Deardurff	01/09/2009	Linda C Uhlir-Tsang	01/09/2009
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Tye J Dodge	01/12/2009												
Murray MacLeod	02/03/2009												
Marlene Ann McGorin	01/09/2009												
Larrie Deardurff	01/09/2009												
Linda C Uhlir-Tsang	01/09/2009												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Hewlett-Packard Development Company, L.P.												
<b>Street Address:</b>	11445 Compaq Center Drive West												
<b>City:</b>	Houston												
<b>State/Country:</b>	TEXAS												
<b>Postal Code:</b>	77070												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US0722588</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US0722588								
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PCT Number:	US0722588												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(970)778-4063												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	(970)898-4728												
<b>Email:</b>	jerry.shorma@hp.com												
<b>Correspondent Name:</b>	Hewlett-Packard Company												
<b>Address Line 1:</b>	PO Box 272400, 3404 E. Harmony Road												
<b>Address Line 2:</b>	Intellectual Property Administration												
<b>Address Line 4:</b>	Fort Collins, COLORADO 80527												
<b>NAME OF SUBMITTER:</b>	Teresa K. Tuma												

**CH \$40.00 US0722588**

Total Attachments: 6

**500787363**

**PATENT  
 REEL: 022291 FRAME: 0930**

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200704448

**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:

**Magenta Inks And Ink Sets For Ink-jet Imaging**

**Filing Date:** Oct 24, 2007

**Application No.:** PCT/US2007/022588

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):**

Inventor's Signature (Seal)

Date Assignment Signed

Tye J. Dodge

Inventor's Typed Name

Date Application Signed

State of

)

) ss.:

County of

)

Before me this          day of         , personally appeared Tye J. Dodge 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. 200704448

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Macleod \_\_\_\_\_ 02/03/2009 \_\_\_\_\_  
Inventor's Signature (Seal) Date Assignment Signed

Murray Macleod \_\_\_\_\_ 01/09/2009 \_\_\_\_\_  
Inventor's Typed Name Date Application Signed

State of REPUBLIC OF IRELAND )

County of KILDARE ) ss.:  
2009 )

Before me this 3 day of FEBRUARY, 2009, personally appeared Murray Macleod 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.

Dyabala Guita  
Notary Public  
My Commission Expires: COMMISSIONED FOR LIFE

\_\_\_\_\_  
Inventor's Signature (Seal) Date Assignment Signed

Marlene Ann McGorin \_\_\_\_\_  
Inventor's Typed Name Date Application Signed

State of \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss.:  
\_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Marlene Ann McGorin 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

Larrie Deardurff \_\_\_\_\_  
Inventor's Typed Name Date Application Signed

State of \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss.:  
\_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Larrie Deardurff 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

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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):

Tye J. Dodge  
Inventor's Signature (Seal)

Jan 12, 2009  
Date Assignment Signed

Tye J. Dodge  
Inventor's Typed Name

Jan 12, 2009  
Date Application Signed

State of Oregon )  
County of Benton ) ss.:

Before me this 12 day of Jan 2009 personally appeared Tye J. Dodge 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.

Teresa K. Tuma  
Notary Public  
My Commission Expires: Sept 8, 2012



PATENT

REEL: 022291 FRAME: 0935

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200704448

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 \_\_\_\_\_  
Murray Macleod \_\_\_\_\_  
Inventor's Typed Name \_\_\_\_\_ Date Application Signed \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:  
\_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Murray Macleod 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: \_\_\_\_\_

Marlene Ann McGorin \_\_\_\_\_ Date Assignment Signed January 9, 2009  
Inventor's Signature (Seal) \_\_\_\_\_

Marlene Ann McGorin \_\_\_\_\_  
Inventor's Typed Name \_\_\_\_\_ Date Application Signed January 9, 2009

State of Oregon )  
County of Benton ) ss.:  
\_\_\_\_\_ )

Before me this 9 day of Jan 2009, personally appeared Marlene Ann McGorin 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.



Teresa K. Tuma  
Notary Public  
My Commission Expires: 9-8-2012

Inventor's Signature (Seal) \_\_\_\_\_ Date Assignment Signed Jan 9, 2009  
Larrie Deardurff \_\_\_\_\_  
Inventor's Typed Name \_\_\_\_\_ Date Application Signed Jan 9, 2009

State of Oregon )  
County of Benton ) ss.:  
\_\_\_\_\_ )

Before me this 9 day of Jan 2009, personally appeared Larrie Deardurff 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.

Teresa K. Tuma  
Notary Public  
My Commission Expires: 9-8-2012



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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200704448

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Linda C. Uhler-Tsang  
Inventor's Signature (Seal)

January 9, 2009  
Date Assignment Signed

Linda C. Uhler-Tsang  
Inventor's Typed Name

January 9, 2009  
Date Application Signed

State of Oregon )  
County of Benton ) ss.:

Before me this 9 day of Jan 2009, personally appeared Linda C. Uhler-Tsang 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.



Teresa K. Tuma  
Notary Public  
My Commission Expires: 9/8/2012

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:

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: