

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter Ivan Majewicz	06/09/2011
Jan P. Allebach	06/09/2011
Thanh Huy Ha	07/08/2011
RECEIVING PARTY DATA	
Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13156526
CORRESPONDENCE DATA	
Fax Number:	(970)778-4063
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(970)898-4728
Email:	jerry.shorma@hp.com
Correspondent Name:	Hewlett-Packard Company
Address Line 1:	3404 E. Harmony Road MS 35
Address Line 2:	Intellectual Property Administration
Address Line 4:	Fort Collins, COLORADO 80528
NAME OF SUBMITTER:	Steven L. Nichols
Total Attachments: 7 source=700205788US01-A#page1.tif source=700205788US01-A#page2.tif source=700205788US01-A#page3.tif source=700205788US01-A#page4.tif source=700205788US01-A#page5.tif source=700205788US01-A#page6.tif source=700205788US01-A#page7.tif	

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HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. 700205788US

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:

GLARE AND SHADOW MITIGATION BY FUSING MULTIPLE FRAMES

Filing Date: June 9, 2011 Application No.: 13/156,526
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.

Peter Ivan Majewicz
Inventor's Signature 9 June 2011
Date Assignment Signed

Peter Ivan Majewicz
Inventor's Typed Name 9 June 2011
Date Application Signed

Inventor's Signature Date Assignment Signed

Inventor's Typed Name Date Application Signed

ASSIGNMENT

WHEREAS, *WE, JAN P. ALLEBACH*, residing at 1721 Woodlawn, West Lafayette, IN 47907, citizen of the United States; *THANH HUY HA*, residing at 4517 Carlyle Court #4103, Santa Clara, CA 95054, citizen of Vietnam; (hereinafter “Assignors”), have made or developed a technology, generally known as:

“**GLARE AND SHADOW MITIGATION BY FUSING MULTIPLE FRAMES**”, (“Technology”), which is further described in a United States patent application filed on June 9, 2011, and accorded Application No. 13/156526; and

WHEREAS, Purdue Research Foundation, a statutory body corporate formed and existing under the Indiana Foundation or Holding Companies Act of 1921, having a place of business at 1281 Win Hentschel Blvd, West Lafayette, IN 47906 (hereinafter “Assignee”), is desirous of accepting and assuming all such right, title, and interests of the Assignor.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Assignor(s) do hereby sell, transfer, convey, assign and deliver unto the Assignee, its successors, assigns and legal representatives, any and all intellectual property rights related to the above technology, including but not limited to: all precursors, portions, and works in progress with respect thereto and all inventions, works of authorship, mask works, technology, information, know-how, materials and tools relating thereto or to the development, support or maintenance thereof; all copyright, patent rights, trade secret rights, trademark rights, mask works rights, and all other intellectual property rights and all business, contract rights and goodwill in, incorporated or embodied in, used to develop, or related to any of the foregoing and any registrations and applications for registrations of the foregoing throughout the United States of America and the world and any and all other applications arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefore and thereon, in the United States and throughout the world, including all reissues, substitutions, supplements, and extensions thereof (collectively, the “Intellectual Property”);

AND WE HEREBY agree to communicate to Assignee or its representative any facts known to us respecting the Technology whether or not patentable, which we may conceive, develop, make, produce or reduce to practice in whole or in part as a result of any employment, research, or activity involving or relating to the use of Purdue University resources; and agree to sign all lawful documents and make all rightful oaths and declarations relating to said Technology and Intellectual Property; authorize Assignee to insert herein the date of application, serial number, date of registration, and registration number of patents issued once known; and agree to otherwise aid ASSIGNEE as necessary and desirable to:

1. Obtain, enforce, and maintain any issued letters patent in the United States or throughout the world, when reasonably requested to do so by Assignee, including but not limited to executing, acknowledging, and delivering to Assignee such written documents and instruments as Assignee requests and giving testimony in support of Assignee's inventorship, as may be necessary in Assignee's opinion to obtain and maintain patents in the United States of America and throughout the world;

2. Secure or aid in securing and maintaining copyright protection in the Intellectual Property and assist Assignee or its nominees in filing applications to register copyright in the name of Assignee as owner in such Intellectual Property; and

3. Execute, acknowledge, and deliver to Assignee at its expense, such written documents and instruments and do such other acts as may be necessary in the opinion of Assignee, to vest the entire rights, title, and interests in and to the Intellectual Property to Assignee and to confirm the complete ownership thereof by Assignee.

AND WE HEREBY authorize ASSIGNEE to take any and all action necessary to effectuate this Assignment, including but not limited to, the filing of the Assignment with the U.S. Patent and Trademark Office and U.S. Copyright Office.

AND WE HEREBY authorize and request the Director of the U.S. Patent and Trademark Office or any other proper officer or agency throughout the world to issue any and all said letters patent to Assignee.

AND WE HEREBY warrant and covenant that *we* have full rights to convey the entire right, title and interest herein assigned and that *we* have not executed and will not execute any instrument or assignment in conflict herewith;

This Assignment shall be binding upon Assignor(s) and their heirs, successors, and assigns. Should any term of this Assignment be found invalid or unenforceable, it shall not affect the validity or enforceability of any other term of this Assignment. The laws of the State of Indiana will govern the interpretation, validity, and effect of this Assignment, without regard to the place of making or to the place of performance.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, *We* have hereunto set our hands and seals.

ASSIGNOR:

9 June 2011
Date

J. Allebach
JAN P. ALLEBACH

County of Spencer)
State of Indiana)

ss:

On this 9th day of June 2011, before me a Notary Public in and for the County and State aforesaid, personally appeared *Jan P. Allebach*, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of *his/her* free act and deed.

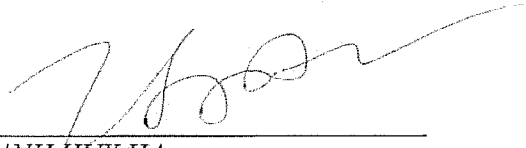
Gina Duncan Smutz
Notary Public

My commission Expires July 15, 2018



(SEAL)

July 8, 2011
Date



THANH HUY HA

County of Santa Clara)

State of California)

ss:

On this 8th day of July 2011, before me a Notary Public in and for the County and State aforesaid, personally appeared Thanh Huy Ha, to-me-known-and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of *his/her* free act and deed.



Notary Public

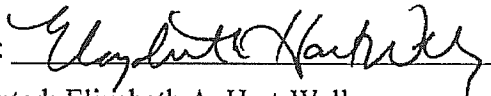
My commission Expires Dec. 18, 2014

(SEAL)



ACCEPTED BY ASSIGNEE:

15 July 2011
Date

By: 

Printed: Elizabeth A. Hart-Wells

Title: Assistant Vice-President and Director

Office of Technology Commercialization

Purdue Research Foundation