

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert Y Greenberg	07/25/2005
RECEIVING PARTY DATA	
Name:	Pixelworks, Inc.
Street Address:	8100 SW Nyberg Road
Internal Address:	Suite 107
City:	Tualatin
State/Country:	OREGON
Postal Code:	97062
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11190216
CORRESPONDENCE DATA	
Fax Number:	(503)274-4622
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5032223613
Email:	docketing@techlaw.com
Correspondent Name:	Graciela G. Cowger
Address Line 1:	210 SW Morrison Street
Address Line 2:	Suite 400
Address Line 4:	Portland, OREGON 97204
ATTORNEY DOCKET NUMBER:	7293-120
NAME OF SUBMITTER:	Graciela G. Cowger
Total Attachments: 2 source=-120_Assignment#page1.tif source=-120_Assignment#page2.tif	

OP \$40.00 11190216

PATENT

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REEL: 017032 FRAME: 0118

ASSIGNMENT

Assignor: Robert Y. Greenberg
Address: 1815 SW Montgomery Drive
Portland, OR 97201

Assignee: Pixelworks, Inc.
Address: 8100 SW Nyberg Road, Suite #107
Tualatin, Oregon 97062

Title of Invention: TELEVISION CHANNEL CHANGE PICTURE-IN-PICTURE
CIRCUIT AND METHOD

Application Serial No.: Not yet known

Filing Date: Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Tualatin, Oregon, this 25th day of July, 2005.

Robert Y. Greenberg
Robert Y. Greenberg
Assignor

STATE OF _____)
County of Washington) ss.

Before me this 25th day of July, 2005, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Mary Connell-Hawkins
Notary Public for Oregon
My commission expires: June 29, 2006

SEAL

