

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Barinder Singh Rai	11/12/2008
RECEIVING PARTY DATA	
Name:	Epson Research and Development
Street Address:	2580 Orchard Parkway, Suite 225
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12270527
CORRESPONDENCE DATA	
Fax Number:	(408)954-9058
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(408) 952-6124
Email:	ageorge@erd.epson.com
Correspondent Name:	Mark P. Watson
Address Line 1:	Epson Research & Development
Address Line 2:	2580 Orchard Parkway, Suite 225
Address Line 4:	San Jose, CALIFORNIA 95131
ATTORNEY DOCKET NUMBER:	VP257
NAME OF SUBMITTER:	Mark P. Watson, Reg. No. 31448
Total Attachments: 1 source=VP257_Assignment#page1.tif	

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PATENT  
REEL: 021831 FRAME: 0297

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,  
Barinder Singh Rai,

who have created a certain invention for which an application for United States Letters Patent has been executed by me concurrently herewith and entitled:

## SHADOW REMOVER

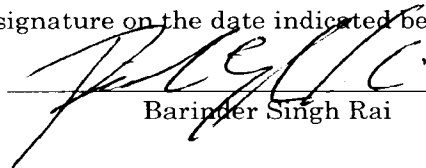
Do hereby sell, assign and transfer to **EPSON RESEARCH AND DEVELOPMENT, INC.**, a corporation of California, having a place of business at 2580 Orchard Parkway, Suite 225, San Jose, California 95131, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **EPSON RESEARCH AND DEVELOPMENT, INC.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

Date: Nov / 12 / 2008  
Month/Day/Year

  
Barinder Singh Rai