

**RECORD**

12-09-2005



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To The Commissioner of Patents

Please record the attached original document or copy thereof.

1. Name of conveying party(ies):  
Eric Jeffrey  
Barinder Singh Rai

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

2. Name and address of receiving party(ies):  
Name:  
**Epson Research and Development, Inc.**  
Internal Address:  
Street Address:  
**150 River Oaks Parkway, Suite 225  
San Jose, California 95134**

12.02.05

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 24, 2005 and November 24, 2005 respectively.

Additional name(s) and addresses attached?  
 Yes  No

112963 U.S. PTO  
11/293001  
120205

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
November 24, 2005

A. Patent Application No(s). B. Patent No(s).

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Intellectual Property Department  
Epson Research and Development, Inc.  
150 River Oaks Parkway, Suite 225  
San Jose, CA 95134  
Customer No. 20178

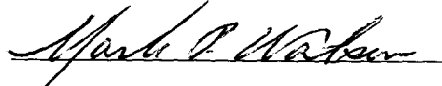
6. Total number of applications and patents involved:  
1

7. Total fee (37 CFR 3.41).....\$40.00  
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8. Deposit Account Number: 19-2746

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9. Statement and signature:  
*To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.*

Mark P. Watson  Date: December 2, 2005  
Registration No. 31,448

Total number of pages including cover sheet, attachments and document: 2

12/08/2005 ECDOPER 00000301 192746 11293001

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Assignment Recordation Cover Sheet.doc  
Customer No. 20178

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Eric Jeffrey and Barinder Singh Rai,

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

HARDWARE ANIMATION OF A BOUNCING IMAGE

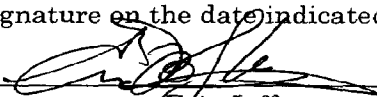
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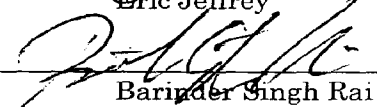
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

IN TESTIMONY WHEREOF we have hereunto set our signature on the date indicated below.

Date: Nov / 24 / 2005  
Month/Day/Year

  
Eric Jeffrey

Date: NOV / 24 / 2005  
Month/Day/Year

  
Barinder Singh Rai