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To The Commissioner of Patents :

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inal document or copy thereof.

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

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

11-17-04

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**

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 15, 2004 and November 15, 2004 respectively.

Additional name(s) and addresses attached?  
 Yes  No

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 15, 2004

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

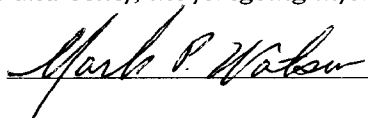
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*To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.*

Mark P. Watson  Date: November 17, 2004  
Registration No. 31,448

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

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ASSIGNMENT

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

Barinder Singh Rai and Eric Jeffrey,

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

APPARATUS AND METHOD FOR DISPLAYING A VIDEO ON A PORTION OF A DISPLAY WITHOUT REQUIRING A DISPLAY BUFFER

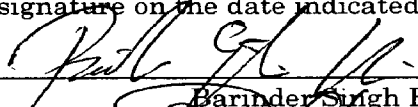
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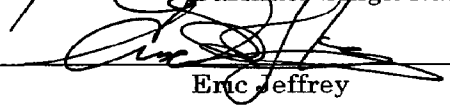
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

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

Date: Nov 15 / 2004  
Month/Day/Year

  
\_\_\_\_\_  
Barinder Singh Rai

Date: Nov 15 / 2004  
Month/Day/Year

  
\_\_\_\_\_  
Eric Jeffrey