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639

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment document.

MED 5-26-98

<p>1. Name of Party(ies) conveying an interest: David E. Rumph Eric S. Nickell</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving Party(ies): Xerox Corporation 800 Long Ridge Road P.O. Box 1600 Stamford Connecticut 06904-1600</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of Conveyance: **Corrected Recordation Form Cover Sheet to add Assignor. Reel/Frame: 8946/0318**

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:

<p>A. Patent Application No.(s) 09/012,651</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

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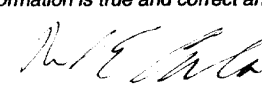
<p>5. Name and Address of party to whom correspondence concerning document should be mailed: Xerox Corporation Xerox Square - 20A Rochester, New York 14644</p>	<p>6. Total number of applications and patents involved = 1</p> <p>7. Total Fee (37 CFR 3.41): \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 24-0025</p>
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing
Robert E. Cunha

Date **May 11, 1998**


Signature

Total number of pages comprising cover sheet **1**

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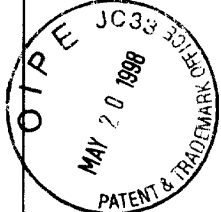
~~02-12-1998~~
~~700631988~~

To the Honorable Commissioner of Patents and Trademarks

Assignment document.

1. Name of Party(ies) conveying an interest:
David E. Rumph

Assigning Party(ies):



Xerox Corporation
800 Long Ridge Road
P.O. Box 1600
Stamford
Connecticut
06904-1600

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

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance: **ASSIGNMENT**
Execution Date: 12/16/97 and 12/18/97

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:
December 16 and 18, 1997

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:
Xerox Corporation
Xerox Square - 20A
Rochester, New York 14644

6. Total number of applications and patents involved = 1

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to Deposit Account

8. Deposit Account Number: 24-0025

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Name of Person Signing
Robert E. Cunha

Signature

Date January 23, 1998

Total number of pages comprising cover sheet 1

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ASSIGNMENT

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

David E. Rumph co-inventor with Eric S. Nickell

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

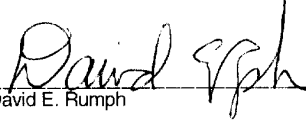
EFFICIENT RUN-BASED ANTI-ALIASING

Do hereby sell, assign and transfer to **XEROX CORPORATION**, a corporation of the State of New York having a place of business at Stamford, in the County of Fairfield, and State of Connecticut, 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 **XEROX CORPORATION**, 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.



David E. Rumph
Date 12/16/97

Return Address: Xerox Corporation
Xerox Square 20A
Rochester, New York 14644

ASSIGNMENT

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

Eric S. Nickell co-inventor with David E. Rumph

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

EFFICIENT RUN-BASED ANTI-ALIASING

Do hereby sell, assign and transfer to **XEROX CORPORATION**, a corporation of the State of New York having a place of business at Stamford, in the County of Fairfield, and State of Connecticut, 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 **XEROX CORPORATION**, 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.



Eric S. Nickell

Date December 18, 1997

Return Address: Xerox Corporation
Xerox Square 20A
Rochester, New York 14644