

FORM PTO-1595 (Modified)  
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RECORDATION  
07-26-2004

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

7/16/04



102798466

Tab settings

To the Honorable Commissioner of Patent

Attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Donald D. Karlov**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

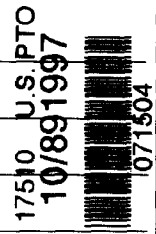
Name: **Microsoft Corporation**

Internal Address: \_\_\_\_\_

Street Address: **One Microsoft Way**

City: **Redmond** State: **WA** ZIP: **98502**

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



3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: **July 2, 2004**

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **July 15, 2004**

A. Patent Application No.(s)

**10 891997**

07/19/2004 SMIMASS1 00000022 10891997  
01 FC:8021 40.00 DP

Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Workman Nydegger**

Internal Address: \_\_\_\_\_

Street Address: **1000 Eagle Gate Towers**

**60 East South Temple**

City: **Salt Lake City** State: **UT** ZIP: **84111**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

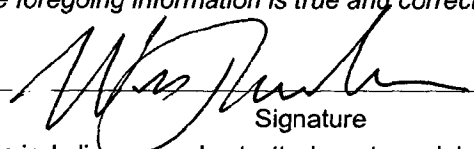
Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:  
**233178**

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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 attached copy is a true copy of the original document.*

**Wesley C. Rosander**  **July 15, 2004**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **4**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number..... Unknown  
Filing Date ..... Executed Concurrently Herewith  
Inventorship..... Donald D. Karlov  
Applicant..... Microsoft Corporation  
Attorney's Docket No. .... 14984.38  
MS Docket No. ....308144.01  
Title: **USING PIXEL HOMOGENEITY TO IMPROVE THE CLARITY OF IMAGES**

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Donald D. Karlov  
43006 SE 163<sup>rd</sup> Street  
North Bend, WA 98045

Assignee:

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "USING PIXEL HOMOGENEITY TO IMPROVE THE CLARITY OF IMAGES," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

July 2<sup>nd</sup>, 2004  
Date

Donald D. Karlov  
Donald D. Karlov

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