

12-15-1998

FORM PTO-1594
1-31-92



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04284.0787

To the Honorable Commissioner of Patent
Please record the attached original document or copy thereof.

100922231

ATTN. BOX ASSIGNMENTS

U.S. PTO
09/199423
11/25/98

1. Name of conveying party(ies):
1. Ulug BAYAZIT 2. Mikhail TSINBERG
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Kabushiki Kaisha Toshiba
Internal Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan
Street Address:
City:
State: Zip Code:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: Inventor 1-Oct. 30, 1998 & Inventor 2- Nov. 9, 1998

Additional name(s) & Address(es) attached?
 Yes No 11/25/98

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: October 29, 1998 and undated
A. Patent Application Number(s):
==
09199423
Additional numbers attached? Yes No

B. Patent Number(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)
Authorized to be charged to deposit account

2/08/1998 PSTAMBA 00000032 09199423
Street Address: 1300 I Street, N.W.
3 FC:581 40.00 0P
City: Washington
State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

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.
Richard V. Burgujian

Signature
11/25/98
Date

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

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors, have made an invention entitled:

METHOD AND SYSTEM FOR PIXEL INTERPOLATION

for which we executed an application for United States Letters Patent concurrently herewith or filed an applicat on for United States Letters Patent on _____, 19__ (Serial No. _____); and

WHEREAS, **KABUSHIKI KAISHA TOSHIBA**, a corporation of **JAPAN** whose post office address is **72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, JAPAN** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Santa Clara
State of California

ss.

Mr. Ulug Bayazit
825 Maria Lane, #642,
Sunnyvale, California 94086

[Signature]

Subscribed and sworn to before me this 30 day of Oct, 1998
[Signature] Notary Public

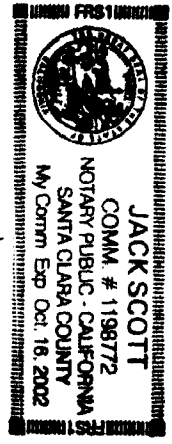
County of PASSAIC
State of NEW JERSEY

ss.

Mr. Mikhail Tsinberg
2743 Arlington Avenue
Riverdale, New York 10463

[Signature]

Subscribed and sworn to before me this 9th day of November, 1998
Barbara A Hayes, Notary Public



BARBARA A HAYES

NOTARY PUBLIC **INDIANAPOLIS PERSON, FARABOW, GARRETT & DUNNER, L.L.P. • WASHINGTON, D.C.**

MY COMMISSION EXPIRES JUNE 10, 2001

FHFGD June 97